Medical Research: The Right Prescription for Economic Growth

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2016 Ohio Survey
The state online survey was conducted by Zogby Analytics on behalf of Research!America in May 2016, among 802 adults ages 18+ in Ohio. This survey has a theoretical sampling error of +/- 3.5 percentage points*

2011 Ohio Survey
The state online survey was conducted by IBOPE/Zogby International on behalf of Research!America in April 2011. The poll has a sample size of 600 adult residents of Ohio with a theoretical sampling error of +/- 4.1 percentage points*

2016 National Survey
This nationwide online survey was conducted by Zogby Analytics on behalf of Research!America in January 2016, among 1001 adults ages 18+. This survey has a theoretical sampling error of +/- 3.2 percentage points*

*Due to rounding, the total may not add up to 100 on some slides
Leadership Progress Over Five Years

Please indicate whether or not you believe Ohio is a leader in each - (% saying a leader)

- Medical and Health Research:
  - 2016: 52%
  - 2011: 50%

- Agriculture:
  - 2016: 51%
  - 2011: 49%

- Science and Technology:
  - 2016: 37%
  - 2011: 28%

- Manufacturing:
  - 2016: 35%
  - 2011: 21%

- Education:
  - 2016: 32%
  - 2011: 18%

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
Leadership is Important to Ohioans

Please indicate how important you think it is that Ohio be a leader in...
(% saying very and somewhat important)

- **Education**: 89% (2016) vs. 92% (2011)
- **Medical and Health Research**: 87% (2016) vs. 86% (2011)
- **Agriculture**: 84% (2016) vs. 94% (2011)
- **Science and Technology**: 83% (2016) vs. 92% (2011)
- **Manufacturing**: 83% (2016) vs. 88% (2011)

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
In terms of jobs and incomes, how important do you think spending money on scientific research is to Ohio's economy?

Strong Majority: Research Important to Ohio’s Economy

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Bioscience in Ohio

Highlights from the 2015 Ohio Bioscience Growth Report:

• There are bioscience companies in 81 of Ohio’s 88 counties

• In the last 3 years, more than 150 new bioscience companies have opened in Ohio
Important for Ohio State Legislature to Support Private Sector Investments in Research

Do you agree or disagree that the Ohio state legislature should support legislation that will encourage private investments in medical research?

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Strong Majority: Universities in Ohio Help Create a Stronger Economy

Do you agree or disagree with the following statement - Ohio's universities create a stronger economy by developing the skilled workforce that allows companies to compete in the global economy.

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Majority say Ohio Should Support Research at Universities

Do you agree or disagree that the state of Ohio (taxpayer) funds should be used to support scientific research at public universities?

- **Strongly Agree**: 24%
- **Somewhat Agree**: 39%
- **Somewhat Disagree**: 18%
- **Strongly Disagree**: 8%
- **Not Sure**: 12%

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Strong Majority: Universities in Ohio Are Among the Best in Nation for Research

Do you agree or disagree with the following statement - Ohio's universities are among the best research universities in the nation.

- 28% Strongly Agree
- 45% Somewhat Agree
- 15% Somewhat Disagree
- 2% Strongly Disagree
- 10% Not Sure

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Can you name any institution, company or organization where medical or health research is conducted?

53% of Ohioans can name a research institution, compared to just 34% of the general U.S. population.

- Cleveland Clinic: 29%
- Ohio State University: 15%
- Mayo Clinic: 6%
- Johns Hopkins: 5%
- James Cancer Center: 4%
- St. Jude Children's Research Hospital: 3%
- University Hospitals: 3%
- Case Western Reserve University: 2%
- Children’s Hospital of Cincinnati: 2%
- University of Cincinnati: 1%
- Battelle: 1%
- Other: 29%

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
## Drug/Substance Abuse Most Important Health Issue

In your opinion, what is the most important health issue facing people in Ohio today?

<table>
<thead>
<tr>
<th>Health Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug/Substance abuse</td>
<td>28%</td>
</tr>
<tr>
<td>Cancer</td>
<td>22%</td>
</tr>
<tr>
<td>Obesity</td>
<td>14%</td>
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<tr>
<td>Mental Health</td>
<td>7%</td>
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<tr>
<td>Heart disease</td>
<td>6%</td>
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<tr>
<td>Diabetes</td>
<td>5%</td>
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<tr>
<td>Arthritis</td>
<td>2%</td>
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<tr>
<td>High blood pressure</td>
<td>2%</td>
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<tr>
<td>Asthma</td>
<td>1%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
</tr>
<tr>
<td>Kidney disease</td>
<td>.2%</td>
</tr>
<tr>
<td>Neurodegenerative Disease</td>
<td>.3%</td>
</tr>
<tr>
<td>Not sure</td>
<td>12%</td>
</tr>
</tbody>
</table>

Source: A Research!America poll of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Increased Majority Says U.S. Spending on Research is Not Enough

The U.S. spends about 5 and a half cents of each health dollar on research to prevent, cure, and treat disease and disability. Do you think that is too much, the right amount, or not enough?

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
Increased Majority says Accelerating Investment in Research is a Priority

How much of a priority is it to accelerate our nation's investment in research to improve health?

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
Higher Percentage Will Pay More Taxes for Research to Improve Health

Would you support paying an additional $1 per week in taxes if you knew for sure that it would go towards the U.S. investing more in research to improve health?

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
State Government Should Assign a Higher Priority to STEM Education

Do you agree or disagree Ohio's state government should assign a higher priority to improving education focused on science, technology, engineering and mathematics and careers in those fields?

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
How important do you think education and training in science, technology, engineering, and mathematics is to U.S. competitiveness and our future economic prosperity?

Source: Research!America surveys of Ohioans conducted in partnership with Zogby Analytics in May 2016 and April 2011.
Do you believe that there is enough collaboration between academics, government, and industry scientists on research projects to discover and develop new medicines?

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Important for Academia, Government and Industry to Collaborate on Research

In your opinion, how important is it for academia, government and industry to collaborate on research projects to advance medical progress?

Very Important: 47%
Somewhat Important: 39%
Not too Important: 3%
Not at all Important: 1%
Not Sure: 9%

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
For which of the following would you be willing to share your personal health information? (Choose all that apply)

- To advance medical research: 55%
- So health care providers can improve patient care: 58%
- So public health officials can better track disease, disability and the causes: 45%
- Not Sure: 12%
- None: 12%

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Important for Ohio State Government to Fund Research on Health Disparities

Studies show that certain health problems such as diabetes, heart disease, and infant mortality happen more often among minorities or citizens with lower incomes. How important do you feel it is for Ohio's state government to fund and conduct medical or health research to understand and eliminate these differences?

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
Important for Elected Officials to Listen to Scientists and Public Health Professionals

When thinking about threats to our health, how important is it that elected officials at all levels listen to the advice from scientists and public health professionals when setting policy or spending priorities?

Source: A Research!America survey of Ohioans conducted in partnership with Zogby Analytics in May 2016.
How well informed are you of the positions of current candidates for President of the United States about public policies and public funding for science and innovation?

- Very Well Informed: 14%
- Somewhat Well Informed: 31%
- Not Very Well Informed: 33%
- Not Informed At All: 9%
- Not Sure: 13%

Source: A Research!America and ScienceDebate.org poll of U.S. adults conducted in partnership with Zogby Analytics in September 2015.
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