America’s investment in medical research through the **National Institutes of Health (NIH)** supports the work of researchers across the country whose discoveries and innovations will **save lives, improve health and offer hope** to people affected by disease.

**Why invest in NIH research?**

There is no better investment than one that **saves lives** and **improves the economy**.

**People are living longer today** thanks to better knowledge and advances in disease prevention, detection and treatment.

<table>
<thead>
<tr>
<th>Year</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>47.3</td>
</tr>
<tr>
<td>1950</td>
<td>68.2</td>
</tr>
<tr>
<td>1970</td>
<td>70.8</td>
</tr>
<tr>
<td>1980</td>
<td>73.7</td>
</tr>
<tr>
<td>1990</td>
<td>75.4</td>
</tr>
<tr>
<td>2000</td>
<td>76.8</td>
</tr>
<tr>
<td>2016</td>
<td>78.6</td>
</tr>
</tbody>
</table>

**DID YOU KNOW...**

**CANCER**

Cancer death rates have dropped by over 1.5% annually for the past 15 years while the number of cancer survivors has continued to grow.

<table>
<thead>
<tr>
<th>1975</th>
<th>Today</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-year survival rate</td>
<td>48.7%</td>
</tr>
<tr>
<td>Death rate per 100,000 people</td>
<td>199.1</td>
</tr>
</tbody>
</table>

Each 1.5% **reduction in cancer deaths** = **$500 billion** to current and future generations of Americans

A **full cure** would be worth approximately **$50 trillion** – **more than 3x today’s GDP**.

**HIV/AIDS**

Young people diagnosed with **HIV today** and who receive treatment will have a near normal life expectancy.

The AIDS death rate has dropped **80%** from its peak in 1995.

**VACCINES**

Routine childhood vaccinations **prevent millions of incidents of disease**.

FOR CHILDREN VACCINATED IN 2009

- **20 million** cases of disease and **42,000** early deaths will be prevented
- **$82 billion** will be saved

**JOBS & ECONOMY**

NIH research funding **supports jobs and boosts the economy** in every U.S. state.

In 2017

<table>
<thead>
<tr>
<th>Jobs</th>
<th>Economic Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>403,000</td>
<td><strong>$69B</strong></td>
</tr>
</tbody>
</table>

**The Cost of Inaction**

Reducing our investment in medical research **threatens Americans’ health** and the **American economy**.

**TELL CONGRESS:** Continue strong funding for NIH research. #keepNIHstrong unitedformedicalresearch.com
Why invest in NIH research?

To help solve America’s most challenging and costly healthcare issues.

191 million people in the U.S. today have at least 1 chronic disease – 75 million have 2 or more.

1.1 million lives a year could be saved with better prevention and treatments for chronic diseases.

DID YOU KNOW...

ALZHEIMER’S DISEASE

There is no cure and no effective treatment for Alzheimer’s disease today. By 2050, 14 million people could be living with Alzheimer’s and their cost of care could exceed $1 trillion.

TODAY 2050

People with Alzheimer’s
5.7 million
14 million

Cost of Alzheimer’s
$277 billion
$1.1 trillion

HEART DISEASE

Heart disease is the #1 killer in the U.S.

By 2035, cardiovascular diseases will affect 131.2 million people and cost more than $1 trillion annually.

1 in 3 deaths is due to a cardiovascular disease (incl. heart disease & stroke)

1 in 7 deaths is due to heart disease

1 in 19 deaths is due to stroke

COST OF CARE VS. RESEARCH SPENDING

Annual cost of care today

$147 billion cancer

$277 billion Alzheimer’s disease and dementia

$318 billion cardiovascular disease

$37 billion the entire NIH budget in FY2018

The Cost of Inaction

If current trends continue, the total accumulated cost of chronic disease in the U.S. will be $42 trillion by 2030.

CANCER

Great progress is being made in the fight against cancer, but it remains the 2nd leading cause of death in the U.S.

In 2018, an estimated 1,735,350 new cases of cancer will be diagnosed

The odds of being diagnosed with cancer are greater than 1 in 3

TELL CONGRESS: Continue strong funding for NIH research.

#keepNIHstrong
unitedformedicalresearch.com