

# A STRONG OSHA & NIOSH = SAFE WORKERS & HEALTHY BUSINESSES

Every American worker deserves to go home safe at the end of the day.

OSHA and NIOSH work hand-in-hand to make that a reality—protecting lives, supporting businesses, and driving economic growth.



**\$167  
BILLION**

Annual cost of workplace injuries & deaths.<sup>1</sup>



**75%  
REDUCTION**

in injuries & illnesses since OSHA's creation in 1971. Workplace deaths have dropped 60%.<sup>2</sup>

OSHA Protects Workers....

....& Improves Business Performance



**9.4%**

Reduction in workplace injuries maintained 4 years after an OSHA inspection.<sup>3</sup>



**26%**

Reduction in worker compensation costs (savings of \$355,000 per job site).<sup>4</sup>

OSHA's **Voluntary Protection Program (VPP)** encourages employers to exceed minimum compliance standards. OSHA VPP Worksites have injury and illness rates nearly 72% lower than industry averages.<sup>5</sup>

At no cost to employers, OSHA's **On-Site Consultation Program** allows business owners to receive a complete workplace health and safety audit. The program prevents nearly 9,000 injuries and saves \$1.5 billion annually.<sup>6</sup>

**\$20  
BILLION SAVED**

Annual savings to businesses due to reduced worker compensation and other costs related to injury & death, due to OSHA inspections.<sup>7</sup>



**186 YEARS**

How long it would take OSHA's 2000 inspectors to inspect every one of the 10 million U.S. workplaces **just once**.<sup>8</sup>

**\$633  
MILLION**

OSHA Budget (FY24)

## SOURCES

- 1 - [injuryfacts.nsc.org/work/costs/work-injury-costs/](https://injuryfacts.nsc.org/work/costs/work-injury-costs/)
- 2 - [www.osha.gov/data/commonstats](https://www.osha.gov/data/commonstats)
- 3 - [www.hbs.edu/news/releases/Pages/toffelscience051712.aspx](https://www.hbs.edu/news/releases/Pages/toffelscience051712.aspx)
- 4 - Ibid.
- 5 - [www.osha.gov/vpp/evaluation2021](https://www.osha.gov/vpp/evaluation2021)
- 6 - [www.osha.gov/consultation](https://www.osha.gov/consultation)
- 7 - [www.hbs.edu/news/releases/Pages/toffelscience051712.aspx](https://www.hbs.edu/news/releases/Pages/toffelscience051712.aspx)
- 8 - <https://aflcio.org/reports/dotj-2024>



INTERNATIONAL SAFETY  
EQUIPMENT ASSOCIATION

# A STRONG OSHA & NIOSH = SAFE WORKERS & HEALTHY BUSINESSES

NIOSH research fuels innovative solutions to prevent injuries and fatalities, protecting workers and increasing the competitiveness of American workplaces.



## \$93 MILLION

Annual savings from reduced medical expenses & increased productivity of firefighters.<sup>1</sup>

By researching the link between firefighting activities and increased cancer risk, NIOSH was able to create new safety protocols which have delivered over \$1 billion of economic impact.

### NIOSH Sets a High Bar

Since 1978, NIOSH has issued 16,000 approvals for products such as filtering facepiece respirators (e.g., N95s), self contained breathing apparatus used by firefighters and emergency responders, mine escape respirators, and all respirators used in occupational settings across the U.S. Currently there are over 9,700 active approvals.<sup>2</sup>

## 49.0 MILLION



U.S. workers requiring respiratory protection on the job.<sup>3</sup>

### Protecting Workers from Silica

Workers can be exposed to silica when working with asphalt, rock or concrete. NIOSH research led to the creation of best practice engineering controls to protect over 300,000 American road construction workers from this hazard. This has saved \$4.9 million per year in medical costs, and created \$1.1 billion in economic value.<sup>4</sup>

## \$1.1 BILLION



Economic benefit from reduction in road construction worker illness & death.

### NIOSH Helps Fight Counterfeit Respirators

NIOSH plays a crucial role in safeguarding the U.S. market from counterfeit and substandard respiratory protective devices, by testing and approving all respirators used in U.S. occupational settings. Recently, NIOSH found that nearly 70% of international respirators failed to meet U.S. safety requirements.<sup>5</sup>



## \$8.0 MILLION

Annual savings from reduced medical expenses & increased productivity of coal miners.<sup>6</sup>

NIOSH research into (and co-development of) continuous personal dust monitors for coal miners dramatically reduced fatal and nonfatal respiratory diseases, and created over \$25 million in economic value.

### SOURCES

1 - [www.rand.org/pubs/research\\_reports/RR2256.html](http://www.rand.org/pubs/research_reports/RR2256.html)

2 - [www.cdc.gov/niosh-cel/](http://www.cdc.gov/niosh-cel/)

3 - [safetyequipment.org/industry-impact/](http://safetyequipment.org/industry-impact/)

4 - [www.rand.org/pubs/research\\_reports/RR2256.html](http://www.rand.org/pubs/research_reports/RR2256.html)

5 - [www.cdc.gov/niosh/npptl/ppecase/pdfs/PPE-CASE-P2020-0112-508.pdf](http://www.cdc.gov/niosh/npptl/ppecase/pdfs/PPE-CASE-P2020-0112-508.pdf)

6 - [blogs.cdc.gov/niosh-science-blog/2020/01/06/rand-2/](http://blogs.cdc.gov/niosh-science-blog/2020/01/06/rand-2/)