

Health Care

By the Numbers

PUBLIC HEALTH FINANCING

Cuts to Public Health Budgets

-\$7 billion

Federal budget cuts to the CDC's Prevention and Public Health Fund (PPHF), the country's core fund for disease prevention and public health, from 2013-2020¹

-\$4.85 billion

Cuts to the PPHF under the Bipartisan Budget Act of 2018, 2021-2027²

-36%

Total cuts to the PPHF, 2013-2027³

-29%

Federal budget cuts to the CDC's Public Health Emergency Preparedness fund, "the only federal program that supports the work of state and local health departments to prepare for and respond to emergencies," 2002-2017⁴

PHEP Funding Over Time

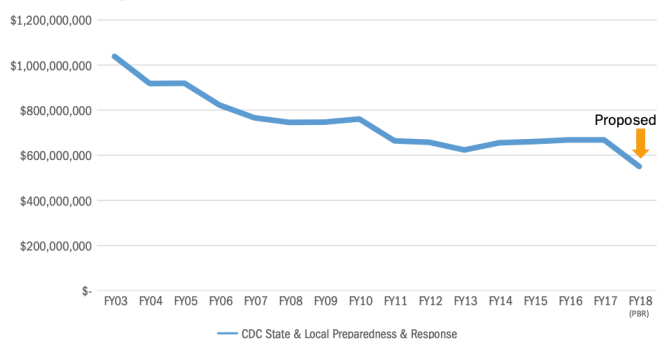


Image: Trust for America's Health

\$4.5 billion

Estimated annual underfunding of current public health efforts⁵

-\$12 billion

Cuts to the Prevention Fund, 2013-2027⁶

-\$693 million

Proposed cut to the CDC's budget in 2021⁷

-\$426 million

Proposed cut to the CDC's chronic disease prevention and health promotion budget in 2021⁸

2018

Year the White House dissolved the National Security Council Directorate for Global Health Security and Biodefense⁹

> \$25 million

Trump's proposed cut to federal public health preparedness funding in fiscal year 2021¹⁰

-\$259 million

Cuts to the federal Hospital Preparedness Program supporting regional health care systems, 2013-17¹¹

-\$66 million

Cuts to evidence-based chronic illness prevention¹²

20 years

Time since the last infusion of funds into the federal Public Health Emergency Fund (PHEF)¹³

31

Number of states that cut their public health budgets from 2015 to 2017.¹⁵

\$0

The balance of the PHEF since 2012¹⁴

Cuts to Public Health Capacity

-300,000

Estimated deficit of public health workers nationwide¹⁶

10

Public health lab closures in California since 2003¹⁹

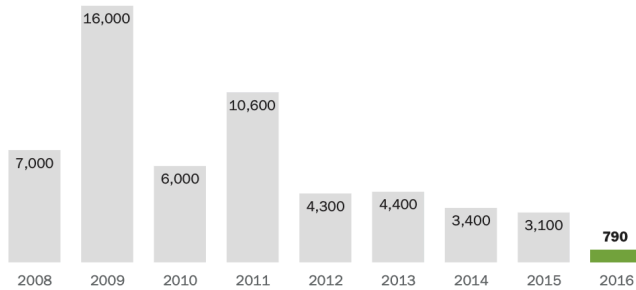
-55,590

The number of positions eliminated from local health departments, 2008-2017¹⁷

350,000 - 900,000

Number of daily COVID-19 tests epidemiologists say is needed to contain the disease²⁰

Number of jobs lost



Source: National Association of County and City Health Officials: <http://nacchoprofilestudy.org/wp-content/uploads/2017/10/2017-Forces-of-Change-Main-Report1.pdf>.

Image: Trust for America's Health

12,708

Number of tests conducted by public health labs on April 13, 2020, one month after the national emergency declaration²¹

133,221

Total daily tests conducted a month after the national emergency declaration²²

41%

Increase from 2014 to 2017 in the proportion of government public health workers planning to leave their jobs, citing low pay, workplace environment, and lack of support as major reasons¹⁸

216,779 to 776,779

Estimated national shortfall of tests a month after the national emergency declaration²³

Public Health Spending in Context

\$21.95

CDC budget per person (fiscal year 2017)²⁴

\$5.74

Estimated public health budget per person in Missouri (the lowest amongst all states)²⁵

\$114.38

Estimated public health budget per person in Alaska (the highest)²⁶

\$2,195.60

Per capita loss in U.S. GDP, January - June 2020²⁷

\$1.843 trillion

Cost of the 2017 tax cuts (2017-2027), 203 times more than Congress cut from the PPHF over the same period. (By 2027, 82.8% of the tax cuts will go to the top 1% of households.)²⁸

15%

Proportion of the \$76.2 billion spent on public health contributed by the federal government. (State and local governments contributed the rest.)²⁹

22% vs. 36%

Percentage of GDP that the U.S. and France spend on social care programs (such as education, housing assistance, and food security), respectively.³⁰

\$169.2 million

Compensation of the seven highest-paid executives at UnitedHealth Group in 2019³¹

\$186.8 million

The CDC's total funding for emerging and infectious diseases in 2019³²

2.5%

Percentage of total national healthcare spending spent on public health in 2017³³

Lives and Dollars Saved Through Public Health Investment

\$16.5 billion

Estimate annually national savings within 5 years from a \$2.9-billion investment in community-based disease prevention programs³⁴

\$2,650

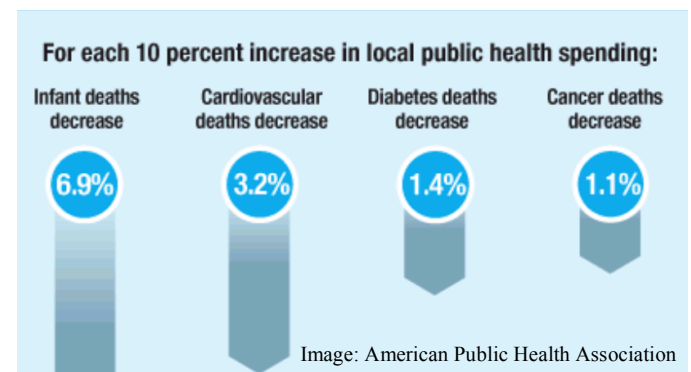
Savings per enrollee achieved through the evidenced-based Diabetes Prevention Program³⁵

\$14.30 - \$16.50

Projected savings in future health costs for every \$1 spent on prevention³⁶

1 to 7%

Estimated reduction in deaths from the following preventable causes for every 10% increase in funding for community-based public health programs³⁷



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- ¹ Lang, Albert et. al (2018). "A Funding Crisis for Public Health and Safety." Trust for America's Health. <https://www.tfah.org/report-details/a-funding-crisis-for-public-health-and-safety-state-by-state-and-federal-public-health-funding-facts-and-recommendations/>.
- ² Ibid.
- ³ Ibid.
- ⁴ Ibid.
- ⁵ Johnson, Steven (April 24, 2019). "Report: Public health funding falls despite increasing threats." Modern Healthcare. <https://www.modernhealthcare.com/government/report-public-health-funding-falls-despite-increasing-threats>.
- ⁶ Lang et al. (2018). See footnote 1.
- ⁷ Krisberg, Kim (2020). "Trump budget proposal a disinvestment in US health: Cuts to CDC, HRSA." The Nation's Health. <http://thenationshealth.aphapublications.org/content/50/2/1.2>.
- ⁸ Ibid.
- ⁹ Cameron, Beth (Mar 13, 2020). "I ran the White House pandemic office. Trump Closed It." Washington Post. https://www-washingtonpost-com.stanford.idm.oclc.org/outlook/nsc-pandemic-office-trump-closed/2020/03/13/a70de09c-6491-11ea-acc80c22bbe96f_story.html.
- ¹⁰ Krisberg (2020). See footnote 7.
- ¹¹ Trust for America's Health (2019). "Hospital Preparedness Program (ASPR)." <https://www.tfah.org/wp-content/uploads/2018/02/HPP-FY19-request.pdf>.
- ¹² Lang et. al (2018). See footnote 1.
- ¹³ Katz, Rebecca et. al (Sept. 2017). "Funding Public Health Emergency Preparedness in the United States." American Journal for Public Health. <https://ajph.aphapublications.org/doi/full/10.2105/AJPH.2017.303956>.
- ¹⁴ Ibid.
- ¹⁵ Lang et al. (2018). See footnote 1.
- ¹⁶ Wilson, Robin et. al (April 4, 2020). "A deficit of more than 250,000 public health workers is no way to fight Covid-19." Stat News. <https://www.statnews.com/2020/04/05/deficit-public-health-workers-no-way-to-fight-covid-19/>.
- ¹⁷ Lang et al. See footnote 1.
- ¹⁸ Wilson, Robin et. al (2020). See footnote 9.
- ¹⁹ Schek, Tom et. al. (April 28, 2020). "Public Health Labs Suffered Budget Cuts Prior To The Coronavirus Pandemic." NPR. <https://www.npr.org/2020/04/28/845484900/public-health-labs-suffered-budget-cuts-prior-to-the-coronavirus-pandemic>.
- ²⁰ See Stein, Rob et al. (May 7, 2020). "U.S. Coronavirus Testing Still Falls Short. How's Your State Doing?" NPR. <https://www.npr.org/sections/health-shots/2020/05/07/851610771/u-s-coronavirus-testing-still-falls-short-hows-your-state-doing>;
Begley, Sharon (April 27, 2020). "Many states are far short of Covid-19 testing levels needed for safe reopening, new analysis shows." Stat News. <https://www.statnews.com/2020/04/27/coronavirus-many-states-short-of-testing-levels-needed-for-safe-reopening/>.
- ²¹ Centers for Disease Control (updated May 19, 2020). "Previous U.S. Viral Testing Data." <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/previous-testing-in-us.html>.
- ²² The COVID Tracking Project (updated June 5, 2020). "US Historical Data." The Atlantic. <https://covidtracking.com/data/us-daily>.
- ²³ 350,000 and 900,000 minus 133,221.
- ²⁴ Lang et al. (2018). See footnote 1.
- ²⁵ Ibid.
- ²⁶ Ibid.
- ²⁷ The CBO projects a \$724 billion loss in real GDP in the first two quarters of 2020. The Census Bureau estimates a U.S. population of 329,750,942 on June 5, 2020. See Congressional Budget Office (June 1, 2020). "Comparison of CBO's May 2020 Interim Projections of Gross Domestic Product and Its January 2020 Baseline Projections." <https://www.cbo.gov/publication/56376#:~:text=In%20the%20May%202020%20report,previously%20forecast%20in%20January%202020.>; U.S. Census Bureau (viewed June 5, 2020). "U.S. and World Population Clock." <https://www.census.gov/popclock/>.

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- ²⁸ Congressional Budget Office (February 28, 2019). "How the 2017 Tax Act Has Affected CBO's GDP and Budget Projections Since January 2017." [https://www.cbo.gov/publication/54994#:~:text=CBO%20estimated%20that%20the%20economic,income%20and%20thus%20federal%20revenues](https://www.cbo.gov/publication/54994#:~:text=CBO%20estimated%20that%20the%20economic,income%20and%20thus%20federal%20revenues;); \$9.1 billion has been cut from the PPHF from 2017-2027. See Lang at all(2018), footnote 1.; Tax Policy Center (December 18, 2017). "Distributional Analysis of the Conference Agreement for the Tax Cuts and Jobs Act." <https://www.taxpolicycenter.org/publications/distributional-analysis-conference-agreement-tax-cuts-and-jobs-act>.
- ²⁹ Forsberg, Vanessa et. al. (2012). "The Prevention and Public Health Fund." American Public Health Association. https://www.apha.org/-/media/files/pdf/topics/aca/apha_prevfundbrief_june2012.ashx?la=en&hash=9479BAE5B4BF25D9B258B4EACEFA39CD7A9C9BF6.
- ³⁰ American Public Health Association (Mar 2016). "Investing in the healthiest nation." <https://www.apha.org/what-is-public-health/generation-public-health/take-action/invest-in-health>.
- ³¹ UnitedHealth Group (April 17, 2020). "2020 Proxy Statement." <https://www.sec.gov/Archives/edgar/data/731766/000104746920002403/a2241322zdef14a.htm>.
- ³² Department of Health and Human Services (2020). "Justification of Estimates for Appropriation Committees." <https://www.cdc.gov/budget/documents/fy2020/fy-2020-cdc-congressional-justification.pdf>.
- ³³ Johnson (2019). See footnote 5.
- ³⁴ American Public Health Association (2015). "Prevention and Public Health Fund: Dedicated to improving our nation's public health." https://www.apha.org/~media/files/pdf/topics/aca/2015_pphf_fact_sheet.ashx.
- ³⁵ Trust for America's Health (2017). "The Value of Prevention." <https://www.tfah.org/wp-content/uploads/2018/02/The-Value-of-Prevention.pdf>.
- ³⁶ American Public Health Association (Oct. 2012). "Public Health Infographic." <https://www.apha.org/news-and-media/multimedia/infographics/public-health-infographic>; McCullough JM (June 2018). "The Return on Investment of Public Health System Spending." AcademyHealth. https://www.academyhealth.org/sites/default/files/roi_public_health_spending_june2018.pdf.
- ³⁷ American Public Health Association (2015). See footnote 34.