



THE  
IMMUNIZATION  
PARTNERSHIP

Excerpt from  
CDC FY 2021 Congressional Justification  
Immunization and Respiratory Diseases<sup>i</sup>

## BY THE NUMBERS

---

- CDC estimates that vaccination of children born between 1994 and 2018<sup>1</sup>
  - Prevented **419 million** illnesses.
  - Prevented **26.8 million** hospitalizations.
  - Helped avoid **936,000** early deaths.
  - Saved nearly **\$406 billion** in direct costs.
  - Saved **\$1.9 trillion** in total societal costs.
  - Every dollar spent in childhood vaccination ultimately saves \$10.10.
- CDC estimates that for the 2017–2018 influenza season, influenza vaccination<sup>2</sup>
  - Prevented approximately **6.2 million** influenza illnesses,
  - Prevented **3.2 million** influenza-associated medical visits,
  - Prevented **91,000** influenza-associated hospitalizations, and
  - Reduced the burden of influenza illness by 12 percent.
- **95**—Investigations of vaccine-preventable disease received CDC technical support.
- **1,679**—Laboratory tests conducted by CDC in support of vaccine-preventable disease investigations.
- **60,000**—Doses of hepatitis A-containing vaccine provided using CDC funding to respond to a deadly Hepatitis A outbreak in Kentucky since November 2017.

References:

1 Unpublished and updated data from previous article: Whitney, Cynthia, Zhou, Fangjun, Singleton, James, et al. Benefits from Immunization During the Vaccines for Children Program Era—United States, 1994–2013. *MMWR* 2014; 63: [352–355]. Available at [https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6316a4.htm?s\\_cid=mm6316a4\\_w](https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6316a4.htm?s_cid=mm6316a4_w)

2 Rolfes MA, Flannery B, Chung JR, O'Halloran A, Garg S, Belongia EA, et al. Effect of Influenza Vaccination in the United States During the 2017–2018 Influenza Season. 2019 Feb 02 [2019 Feb 02]; <https://www.cdc.gov/flu/vaccines-work/averted-estimates.htm>

\* Unless otherwise noted, all information and calculations are from CDC program data.

---

<sup>i</sup> U.S. Department of Health and Human Services, *Fiscal Year 2021 CDC Justification of Estimates for Appropriation Committees*, 56 (Feb. 10, 2020), <https://www.ncsddc.org/wp-content/uploads/2020/02/FY-2021-CDC-congressional-justification.pdf>.

**IMMUNIZE. PREVENT WHAT'S PREVENTABLE.**

Post Office Box 5168, Katy, TX 77491-5168 • Phone 281-400-3689 • Fax 866-214-6044

[www.immunizeUSA.org](http://www.immunizeUSA.org)