

Influenza Investments by State

2019

Pennsylvania

\$3,716,445

Total Funding Amount

Benefits of U.S. influenza vaccination 2017–2018

6.2 MILLION
illnesses
prevented**91,000**
hospitalizations
prevented**5,700**
deaths
prevented

CDC helps to protect the nation from seasonal and pandemic influenza. Influenza investments improve vaccine impact, enhance detection and response, and assess risk and pandemic readiness throughout the United States. Investments in **Pennsylvania** support national efforts to improve influenza prevention through vaccination and collect data that helps decide the makeup of the next season's flu vaccine. CDC's support for **Pennsylvania** contributes to the U.S. system to identify and respond to seasonal and pandemic influenza threats and the development of newer, better flu vaccines.



Improving Vaccine Impact

CDC helps **Pennsylvania** contribute to the science and data collection required to improve flu vaccines and encourage more people to get vaccinated. CDC supports networks that evaluate influenza vaccine effectiveness, promotes state-led efforts to increase seasonal flu vaccination, and studies how our immune systems respond to vaccines.

\$3,416,015

- Hospitalized Adult Influenza Vaccine Effectiveness Network (HAIVEN)—The University of Pittsburgh works with CDC as one of four study sites, learning how well the flu vaccine protects against flu-related hospitalization among adults aged 18 and older.
- U.S. Flu Vaccine Effectiveness Network—The University of Pittsburgh works with CDC as one of five study sites in the U.S. Flu Vaccine Effectiveness Network that measures how well the flu vaccine prevents outpatient medical visits.



Improving Influenza Detection and Response

Epidemiology and Laboratory Capacity (ELC) funding helps **Pennsylvania** detect influenza by supporting the critical state and local public health workforce and infrastructure. States study seasonal influenza viruses and identify important changes. This information impacts CDC's flu vaccine recommendations, treatments, and clinical guidance. Through the International Reagent Resource (IRR) CDC also provides the tools and information needed to conduct research and detect influenza.

\$186,858

Improving Risk Assessment and Pandemic Readiness

CDC prepares for the next influenza pandemic through maintaining labs that can detect new influenza threats at any time, in any state. CDC studies how and when flu spreads between people, and improve pandemic influenza vaccines and other medical countermeasures. CDC partners with states to prevent influenza transmission between people and animals in rural communities and better respond to novel flu outbreaks.

\$113,573