

GLOBAL DISEASE DETECTION OPERATIONS CENTER

Tracking Global Health Threats 24/7

BY THE NUMBERS

30-40 

Monitors approximately 30-40 public health threats each day

170 

Tracked more than 170 unique diseases globally since 2007

190 

Identified outbreaks in more than 190 countries since 2007

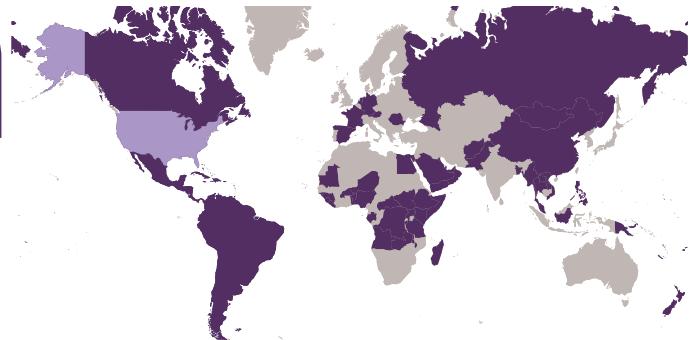
{ We detect and respond in the earliest stages of an outbreak to stop dangerous pathogens from reaching America's shores. }

Keeping an eye on GLOBAL HEALTH THREATS

The Global Disease Detection (GDD) Operations Center monitors outbreaks 24/7 across the globe and assesses their potential risk to the U.S. and communities around the world.

The GDD Operations Center was established in 2007 to address weaknesses and gaps in global public health surveillance and response capacity. The GDD Operations Center monitors outbreaks from infectious and noninfectious causes, including public health events linked to disasters, poisonings, and chemical, radiological, or nuclear events. Animal outbreaks of diseases that can be transmitted to humans (zoonotic diseases) are also monitored to stop these diseases from spreading to people.

In 2016, the GDD Operations Center monitored and reported on nearly 300 outbreaks in more than 130 countries including Zika, Ebola, MERS, Lassa fever, plague, and polio. These outbreaks are of global concern and could affect millions of lives.



Countries where GDD Operations Center tracked outbreaks in 2016

HOW WE DO IT

An innovative epidemic intelligence and response operations unit, the GDD Operations Center uses non-traditional surveillance methods for early detection, verification, and reporting of disease outbreaks. Experts work around the clock to collect information from sources about diseases and other health threats, including searches of the internet and other media for key words in over 50 languages. This surveillance provides an early warning alert, allowing CDC to rapidly respond and protect public health in the U.S. and abroad.

As CDC's core platform for detecting, tracking, and monitoring global public health events of international importance, experts provide scientific assessment of the risk and impact of a potential outbreak. The information gathered allows CDC to take rapid, evidence-based action.



Centers for Disease
Control and Prevention
Center for Global Health