

KEEPING BORDERS SAFE



The flight map shows ~60,000 flight patterns in a 24-hour period. Blue lines are shorter flights; purple lines longer flights. *Courtesy of Dr. Kamran Khan, BlueDot*

KEEPING BORDERS SECURE AND TRAVELERS SAFE

One of CDC's best-kept secrets is the people in NCEZID who focus on preventing the importation and spread of infectious diseases into the United States. More than a million people travel to the United States each day. Americans stay on the go, too, taking about 74 million trips each year. All international travelers face increased risk of getting and spreading infectious diseases. Today, the rapid speed and tremendous volume of international and transcontinental travel, commerce, and human migration enable diseases to spread worldwide in 24 hours or less. In an increasingly global world, disease is just a flight away. It's our job to make sure one sick traveler doesn't become 100 sick people.

Every year,
350 million
travelers arrive
in the US through
more than **300**
ports of entry.

THE WORK OF CDC'S
National Center for Emerging and Zoonotic Infectious Diseases (NCEZID) is about protecting America's health, safety, and security. NCEZID is ground zero when there's an outbreak of infectious disease. We have world-class scientists, researchers, laboratories, and emergency responders to protect people from diseases spread through travel.



Courtesy of Julie Konidakis

National Center for
EMERGING and ZONOTIC INFECTIOUS DISEASES
Division of Global Migration and Quarantine



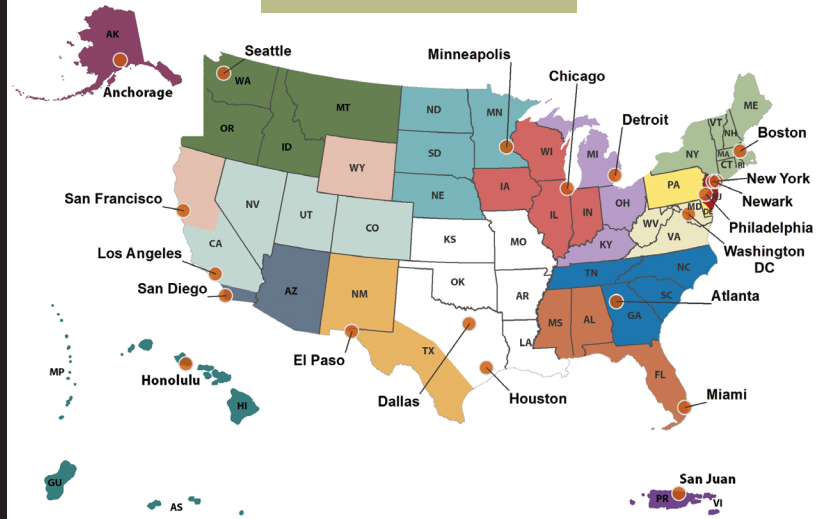


A public health officer reviews rabies vaccination records for dogs imported into Detroit from overseas. *Courtesy of Erin Rothney*



NCEZID provided guidance to pregnant women during the outbreak of Zika. *Courtesy of David Heaberlin*

CDC Quarantine Stations



What we're doing:

- NCEZID **oversees 20 quarantine stations**, strategically located at US airports, land borders, and seaports. Staff at these Q stations, as they are called, work hard to protect the public's health from threats, both foreign and domestic. The work extends to cover all ports of entry (more than 300) into the United States. Every day NCEZID staff work with Customs and Border Protection and other federal agencies, the airlines and cruise lines, and state and local public health departments to prevent the spread of infectious disease to US communities.
- The **Travelers' Health website** provides outbreak updates and travel notices, travel-related disease information, interactive maps, and other destination-specific recommendations for travelers and their healthcare providers.
- NCEZID **publishes The Yellow Book** (CDC Health Information for International Travel), the definitive US travel medicine reference for clinicians advising patients before and after travel.
- We **alert travelers at airports** about disease outbreaks and steps they can take to protect themselves.
- NCEZID **responds to sick travelers** who arrive in the United States at major airports, seaports, or land border crossings.
 - For example, when sick passengers are on a flight, the airline lets CDC know. We evaluate whether they might be contagious to others on the plane.
- We **restrict the importation of animals** and products that may carry disease, such as monkeys, bats, small turtles, cats, and dogs.
- Because we are located at airports, we can **send life-saving drugs** on the next flight to save the life of someone with malaria, botulism, or diphtheria. These drugs are difficult to obtain commercially, but we make them available to US clinicians for patients who meet certain requirements.