

Biomedical

Learn more at disasteraware.org/tutorials/



Respond Faster with Smart Alert™

Select Delivery



SMS: Receive biomedical hazard alerts on your mobile device.

Email: This can be separate from your registration email.

PRO TIP

Enter a group email to alert your team, watch office, operations center, and more.

Hazard Severity & Data Source



Issued for single or multi-country events:

- **Warning:** High morbidity and mortality. Substantial public health consequences requiring an international response. Take immediate action.
- **Watch:** Moderate public health consequences. Deterioration of local response capacity and weakening of health system.
- **Advisory:** Cautionary phase. An event potentially requiring a response has occurred. Unlikely to require immediate action.
- **Information:** Preparatory phase. Event is being monitored by authorities. No immediate response.

Sources: World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), regional and country authorities.

Focused Alerting



By default, your Smart Alert Area is set to **Global**.

Define Smart Alert Areas to ensure you receive alerts only for hazards that threaten the places you care about or areas you are interested in.

Enhance the monitoring and protection of specific assets (e.g. buildings, team and resource locations) via the **Assets feature**.

Enhanced Monitoring and Protection of Assets



Assess quickly using the Hazard tooltip ▶

BIOMEDICAL
Malaria - Florida, United States
Reported: 6 months ago
Updated: 6 months ago

Products Info Layers Event Brief



Products

Latest updates from PDC and partners.



Info

Quick summary of the event.



Layers

Key layers related to biomedical hazards. (See next page for more.)



Event Brief

Based on the PDC Smart Alert Area. (See example below.)



CHOLERA - HAITI

HAITI
EVENT STATUS AS OF 14 JUNE 2023 23:33 (UTC)



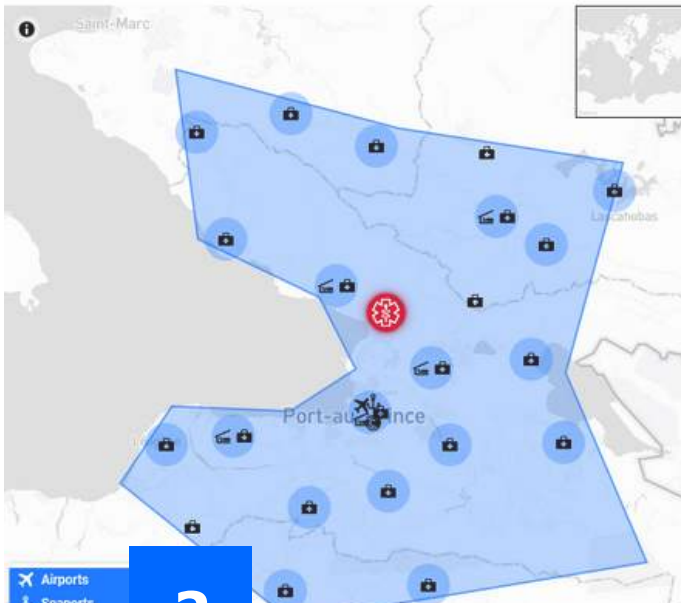
1 COUNTRY AFFECTED

SET FILTER BY COUNTRY

HAZARD EXPOSURE

RISK PROFILE

ORGANIZATIONS & ACTIVITIES



POPULATION EXPOSED

ESTIMATED POPULATION EXPOSED

4.00 MILLION

ESTIMATED HOUSEHOLDS EXPOSED

932,000

ESTIMATED VULNERABLE POPULATION EXPOSED

2.36 MILLION



32%

764,640
CHILDREN
AGE 0-14

63%

1,491,520
ADULTS
AGE 15-64

4%

103,840
ELDERLY
AGE 65+

ESTIMATED HOSPITALS EXPOSED

453

ESTIMATED SCHOOLS EXPOSED

2,552

CAPITAL EXPOSED

BREAKDOWN OF KEY NEEDS

FOR EXPOSED VULNERABLE POPULATION

4.95 BILLION
CALORIES PER DAY

7.08 MILLION
LITERS OF WATER PER DAY

236,000
100-LITER WASTE BINS

8.14 MILLION
SQUARE METERS OF SHELTER

Quickly answers:

- **What** happened?
- **Where** was it?
- **How bad** was it?
- **What actions** do I need to take?



Access Key Layers

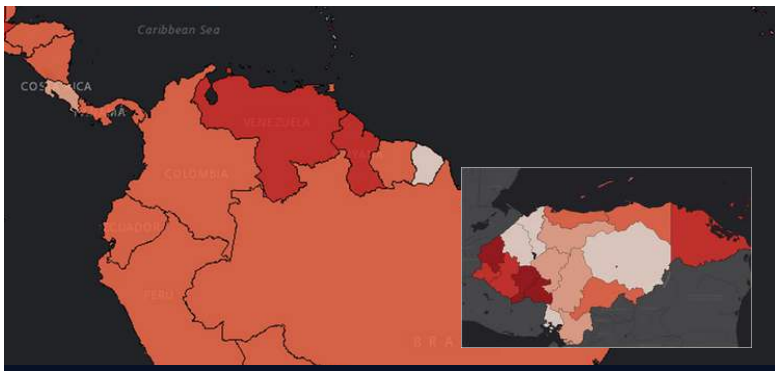
See **Layers** > Hazards and Events > Biomedical for all associated hazard layers.



CDC Travel Notices (Hazard Tooltip)



Department of State Travel Advisories (Hazard Tooltip)



Global and National Assessments



Critical Infrastructure

PRO TIP

Standing floodwaters may also contribute to the transmission of **infectious diseases**.

You can find **Flood** layers under **Layers** > **Hazards and Events**.

Risk Intelligence and Hyperlocal Data



In addition to PDC's **Global Risk and Vulnerability Assessment** layers (located under **Layers** > **Advanced Analytics** > **Risk and Vulnerability**) related to Health Status and Health Care Capacity, be sure to **also explore the hyperlocal, country-specific layers and risk assessment data available in the Regional Data folder**.

Learn more about **PDC's National Disaster Preparedness Baseline Assessment (NDPBA)** program here: www.pdc.org/ndpba