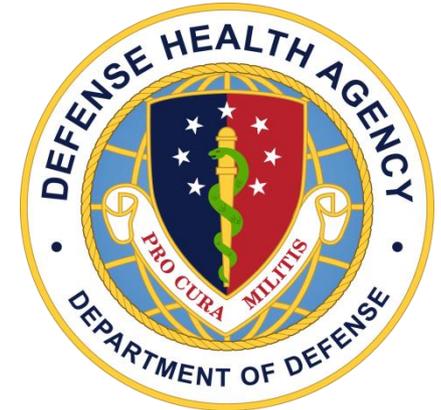


# Armed Forces Health Surveillance Chikungunya in the Americas Surveillance Summary (21 OCT 2015)



This document is approved for public release.

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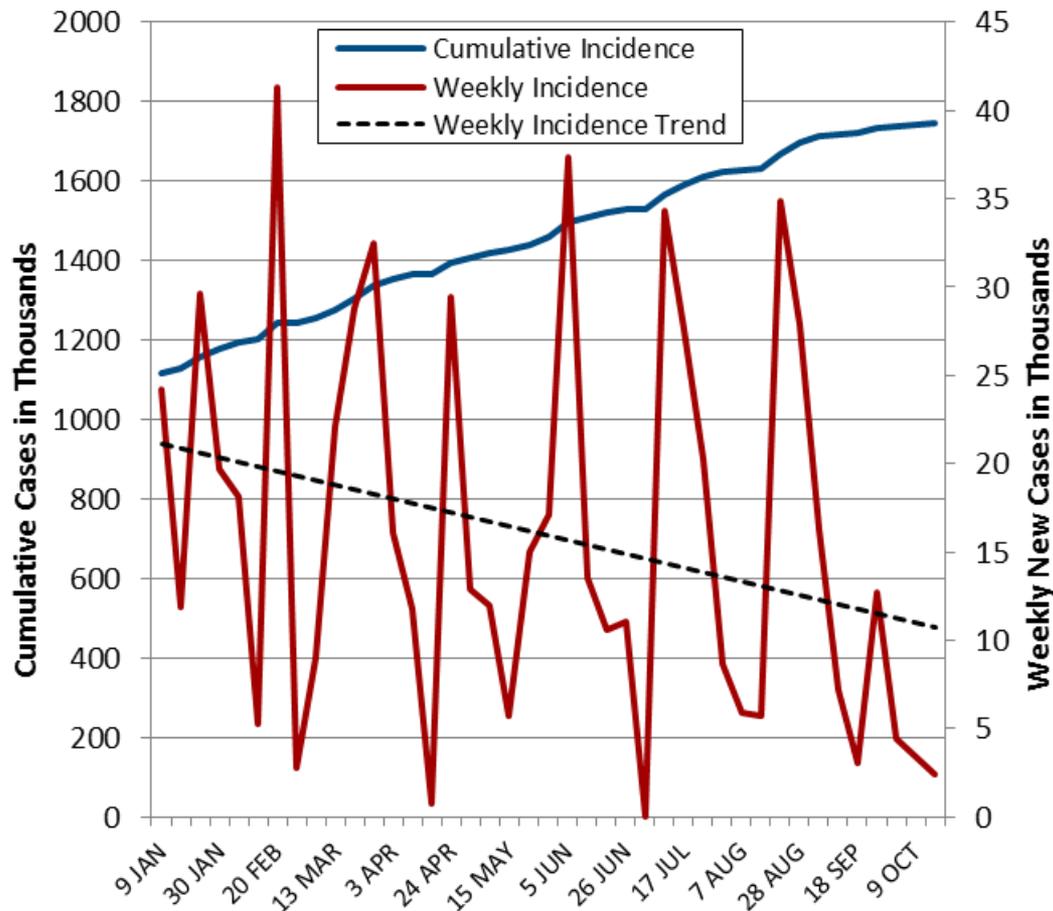
# DEPARTMENT OF DEFENSE (AFHS)

## Chikungunya in the Americas Surveillance Summary #51

### 21 OCT 2015



Cumulative and Weekly Incidence (with Trend Line)  
of Chikungunya in the Americas, 2015



**CASE REPORT:** During 2015, PAHO has reported **588,113** suspected, probable or confirmed cases (**+10,345 over past three weeks**) and **63 (+1)** deaths in the Americas. Since the beginning of the outbreak in late 2013, PAHO reported **1,745,227** cases of chikungunya with **255** deaths; 45 countries or territories have reported locally transmitted chikungunya cases. **Colombia (+6,277)**, **Brazil (+2,791)**, **Mexico (+1,296)**, **Paraguay (+262)**, **French Guiana (+240)**, and **Venezuela (+141)** account for nearly 100% of the new cases reported since **30 SEP**. As of **2 OCT**, Mexico has identified a total of **19** cases in five of the six Mexican states that border the U.S., increasing the risk of importation. Mexico has reported a total of **8,458** autochthonous cases.

From 1 JAN 2014 to **13 OCT 2015**, CDC reported **3,312** imported cases in the United States, **524 (+57)** cases since 1 JAN 2015. No autochthonous cases have been reported in the 50 states or District of Columbia in 2015; in 2014, Florida DOH reported eleven autochthonous cases from JUL to SEP. Historically, CDC reported 117 cases among U.S. travelers from 2006 through 2011. As of **15 OCT**, the Puerto Rico Department of Health recorded **882** cases (**160** laboratory confirmed) in 2015, down **93%** from the **11,853** cases (**2,591** laboratory confirmed) reported during the same time period in 2014.

**TRAVEL ADVISORY:** CDC is maintaining [Watch - Level 1, Practice Usual Precautions](#) travel alerts for the Caribbean and Central and South America. On 23 SEP, CDC updated its [Watch - Level 1](#) for Mexico.

**SURVEILLANCE:** AFHS's updated (9 JUL 15) guidance on [detecting and reporting DoD cases of chikungunya](#) is available. Report confirmed cases in Disease Reporting System Internet (DRSi) as "Chikungunya Fever." Include in the report clinical presentation, travel history, and hospital admission status/dates. AFHS's MAY 2015 Medical Surveillance Monthly Report has an [article](#) describing chikungunya and dengue cases in personnel deployed to Curacao. The Armed Forces Pest Management Board has a [chikungunya preparation](#) page on their website.

Text updated from the previous AFHS summary report (30 SEP 2015) will be printed in red.  
All information has been verified unless noted otherwise. Sources include PAHO, Puerto Rico DOH, and CDC  
For questions or comments, please contact: [usarmy.ncr.medcom-afhsc.list.dib.alert-response@mail.mil](mailto:usarmy.ncr.medcom-afhsc.list.dib.alert-response@mail.mil)