

## عنوان مقاله:

Chikungunya Disease Awareness Among U.S. Travelers to Caribbean Destinations

## محل انتشار:

مجله پزشکی سفر و بهداشت جهانی، دوره 5، شماره 1 (سال: 1396)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

**Introduction:** This study investigated chikungunya disease awareness and its predictors, the level of adoption of recommended personal protective behaviors against chikungunya, and the health information-seeking behavior of U.S. travelers to Caribbean destinations. **Methods:** A cross-sectional retrospective online survey of ۶۵۳ adult U.S. international travelers who visited any one of ۳۴ Caribbean destinations was conducted in October ۲۰۱۵. Study participants were recruited through Amazon® Mechanical Turk. Travelers who met the inclusion criteria and gave informed consent were subsequently redirected to complete the survey which was domiciled in Qualtrics®. **Results:** Results regarding health information-seeking behavior indicated that ۵۱% of study participants had never sought information about chikungunya or any vector-borne illnesses. Only thirty percent of study participants reported having heard of chikungunya disease before participating in this study. After adjusting for the presence of other variables in a logistic regression model, gender of female, higher levels of education, more time spent at the destination, and a higher number of hours spent engaging in outdoor activities were factors significantly associated with chikungunya disease awareness. Study results also showed that twenty-two percent of study participants did not engage in any of the three recommended personal protective behaviors under investigation. **Conclusion:** Study findings highlighted a gap in existing approaches to health information dissemination vis-à-vis adoption of recommended personal protective behaviors, especially for U.S. travelers at risk for chikungunya and other emerging mosquito-borne infectious diseases in Caribbean destinations.

## کلمات کلیدی:

Chikungunya awareness, U.S. travelers, Caribbean destination, Personal-protective behavior

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