

## **Puerto Rico may face 'hundreds of thousands' of Zika cases: US (Update)**

March 10 2016

---

Puerto Rico may be on the brink of a massive outbreak of Zika, a mosquito-borne virus which has been linked to birth defects, and cash is urgently needed, warned US health authorities on Thursday.

Tom Frieden, the chief of the US Centers for Disease Control, told reporters on a conference call that he had just returned from a visit to the US island territory, and was worried by what he had seen.

"Puerto Rico is on the front lines of the battle against Zika and it is an uphill battle," said Frieden.

"I am very concerned that before the year is out there could be hundreds of thousands of Zika infections in Puerto Rico and thousands of infected pregnant women," he added.

"The rainy season is around the corner and funding from Congress is urgently needed," said Frieden.

The virus has already swept through Brazil, where thousands of babies have been born with microcephaly, a defect in which the head is unusually small.

Some microcephaly cases have been directly linked to infection with Zika virus while the mother was pregnant.

While researchers caution that Zika has not yet been proven to cause

birth defects, evidence so far strongly suggests the possibility.

Frieden also said a link between Zika and Guillan Barre syndrome—in which the immune system attacks the nervous system —"is likely to be proven in the near future."

Efforts to control mosquitoes have been further complicated by the discovery that some common repellants are not working.

"We are finding widespread resistance to some insecticides," said Frieden.

## **'Unmet' needs**

Other top concerns listed by Frieden include the lack of access to contraception in Puerto Rico, a Caribbean island with some 3.5 million inhabitants.

Last month, the island territory declared a health emergency due to the Zika virus, which can be transmitted by sexual contact as well as by mosquitoes.

Health experts have urged women who want to become pregnant or who are pregnant to avoid travel to the more than 30 areas of the world where Zika is present—or if they live there, to postpone plans to get pregnant if possible.

Men are urged to use condoms, or refrain from sex with pregnant partners.

"Never before have we had a mosquito-borne infection that could cause birth defects on a large scale," said Frieden.

"Most of the pregnancies in Puerto Rico are unplanned, unintended and there is an unmet need for contraception."

The latest figures, released in February, showed that Puerto Rico has documented 22 cases of Zika. Updated figures are expected on Friday, Frieden said.

Health authorities anticipate "the number of cases in Puerto Rico at some point beginning to increase not steadily but dramatically," he said.

## **Rainy season**

There is no vaccine to prevent Zika, and in four out of five cases, the infection shows no symptoms. Otherwise, it may cause fever, rash and red eyes.

Speaking to reporters on the same call, Anthony Fauci, head of the National Institute of Allergy and Infectious Diseases, said early vaccine trials may get under way by late summer or early fall, but reiterated that it will likely be years before an effective vaccine is widely available.

Some 100 CDC staff are working in Puerto Rico, as part of 750 CDC workers assigned to work on the Zika virus, Frieden said.

"There is nothing about Zika control that is quick or easy," he added.

"The only thing quick is the mosquito bite that can give it to you. And the only thing easy are wrong answers."

© 2016 AFP

Citation: Puerto Rico may face 'hundreds of thousands' of Zika cases: US (Update) (2016, March 10) retrieved 10 May 2024 from

<https://medicalxpress.com/news/2016-03-puerto-rico-zika-cases-year.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.