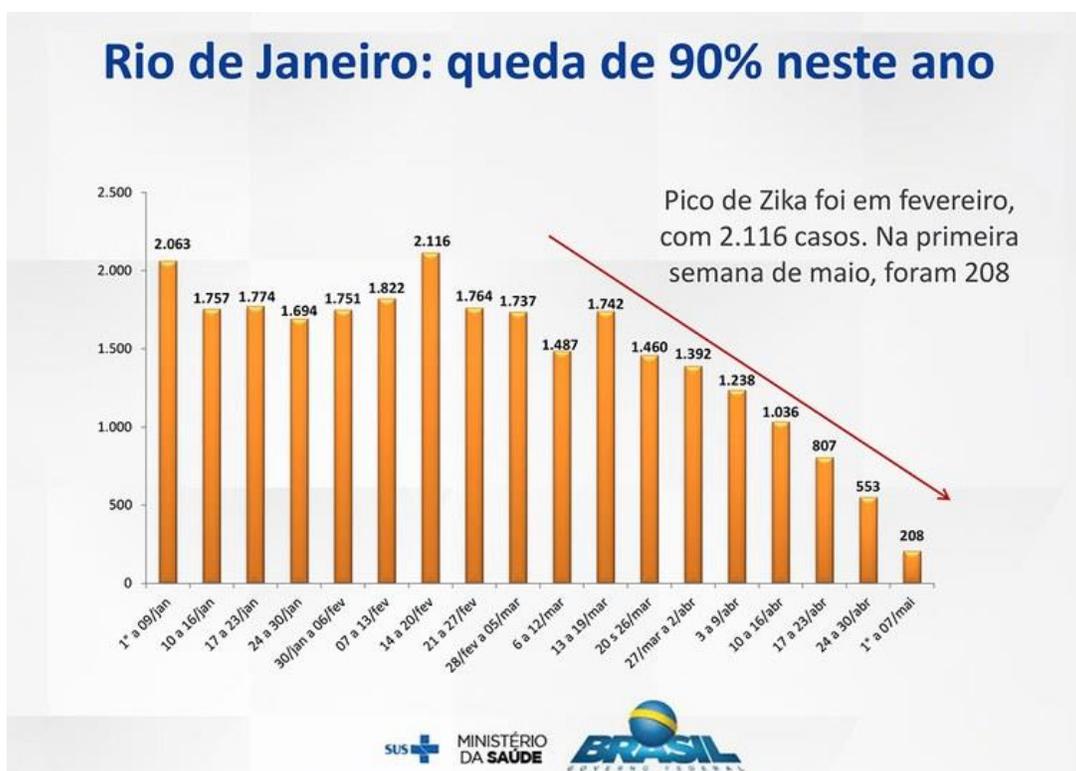


## Rio 2016: Zika Virus Update

As of June 14, 2016

- Zero Zika infections have been reported among 17,000 athletes, volunteers and staff participating at test events in Rio during the lead-up to the Olympics. (Source: 2016 Rio Olympics Chief Medical Officer João Grangeiro, June 7)
- The number of Zika diagnoses in Brazil and in Rio has dropped dramatically since the height of mosquito season in February 2106. Nationally, Zika diagnoses peaked the week of February 14-20 (16,059 cases) and have dropped every week since then to a low the first week of May (2,053 cases) – an 87 percent decline (the first week of May is the most recent set of data). In Rio alone, there were 90 percent fewer cases the first week of May compared to the peak week in February (see chart below). (Source: Brazil Ministry of Health, June 7)



- On average, February is the warmest month in Rio (average 81 degrees). July is the coolest month (70 degrees), followed closely by August (72 degrees). July and August are the driest

months in Rio. Cooler temperatures and drier weather typically lead to a decrease in the mosquito population.

*World Health Organization says there is **“no public health justification” for postponing or canceling the Olympics:***

- In a statement, WHO says there is “no public health justification” for postponing or canceling the Olympics due to the Zika virus outbreak. The statement continued, “based on current assessment, cancelling or changing the location of the 2016 Olympics will not significantly alter the international spread of Zika virus.” (May 28)

*Centers for Disease Control and Prevention director says **the risks for athletes are “really very, very low”:***

- In an interview with the *Washington Post*, **CDC Director Dr. Tom Frieden** says that members of the U.S. delegation who get symptoms of Zika would be closely monitored but that because the Games would be taking place during Brazil’s winter, “for the Olympians, the risks are really very, very low.” (May 25)
- In an appearance at the Atlanta Press Club, **Dr. Frieden** said, “We don’t see a public health reason to postpone or cancel the Olympics.” (June 9)

*Recent projection of Zika spread during Olympics:*

- On June 7, Reuters reported on a new study produced by a team of researchers at São Paulo Hospital/São Paulo School of Medicine that projects **the risk of tourists contracting Zika during the Olympics at 1.8 cases per million people** (500,000 international visitors are expected in Rio during the Games). The researchers took into account the history of dengue cases in August in Rio, which allowed them to calculate the number of *Aedes aegypti* mosquitos expected to be present during the Olympics. “If a million tourists come to Brazil for the Olympics, which is a considerable number, we probably won’t have more than five cases of Zika among them. So, **it’s a very low risk with small repercussion from a public health point of view,**” said **Professor Marcelo Burattini** of São Paulo Federal University (UNIFESP), one of the study’s authors.