



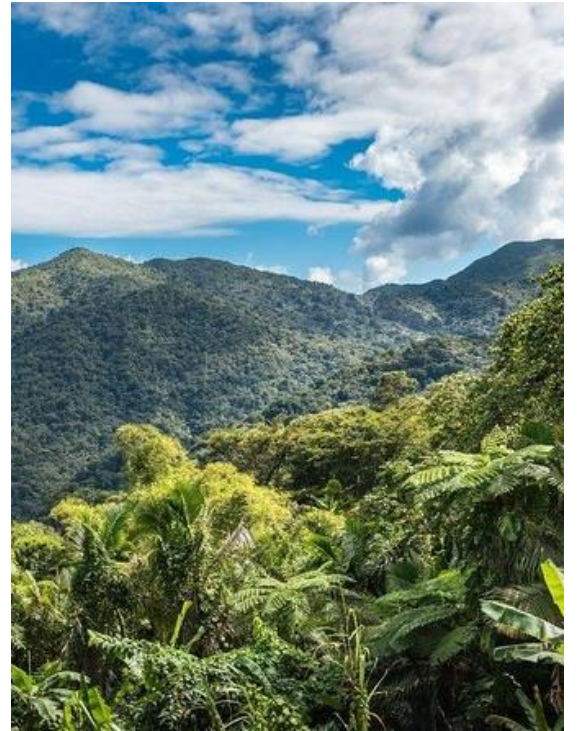
Adherence 2023

JUNE 11-13, 2023 • PUERTO RICO

Co-Chair
Welcome remarks
Adherence 2023
June 11-13, 2023 Puerto Rico

Carmen D. Zorrilla, MD
Interim Dean of Research
UPR Medical Sciences Campus
carmen.zorrilla@upr.edu

Welcome to Puerto Rico!



El Yunque National Park

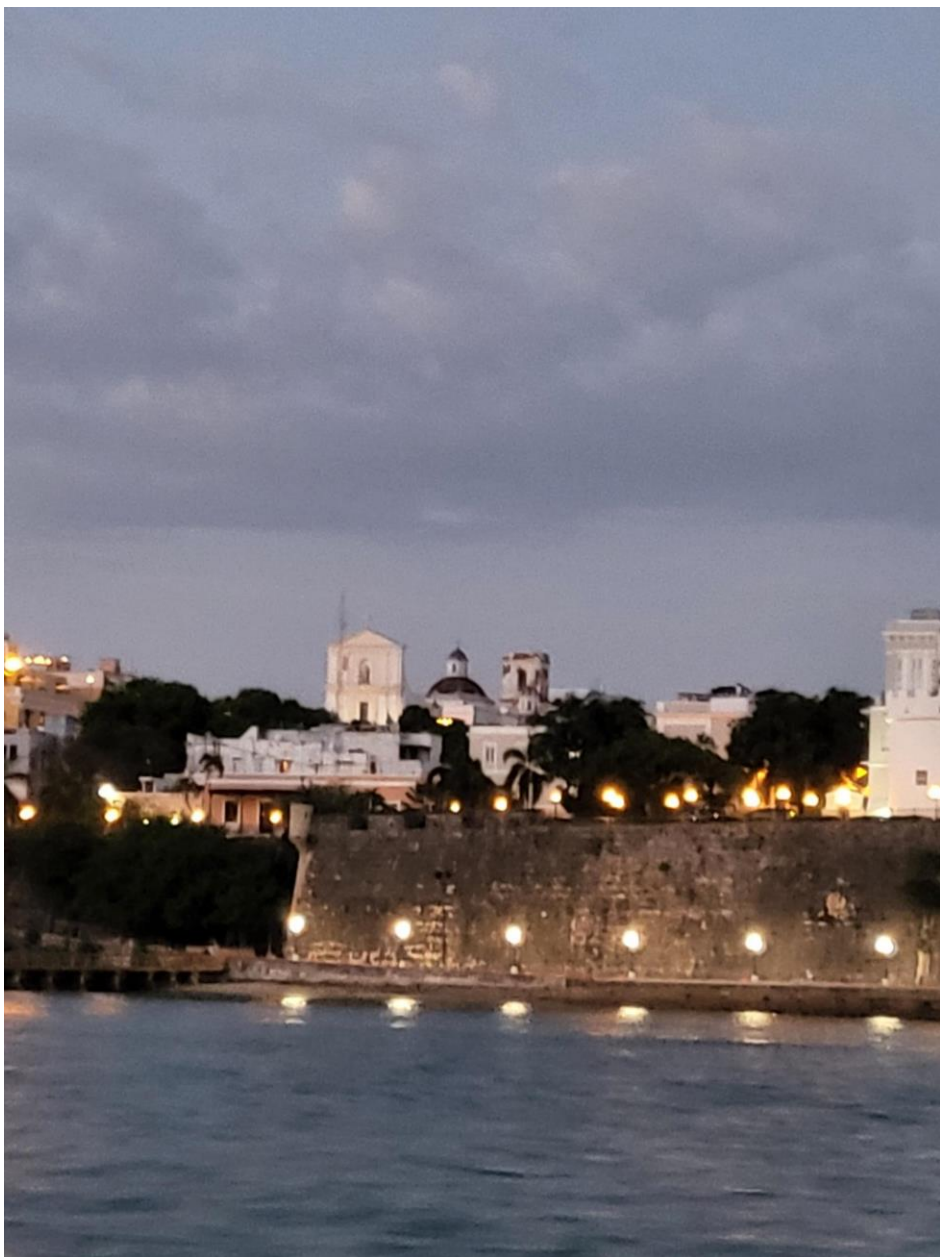


Puerto Rico is one of the jurisdictions in the United States with the highest incidence and prevalence of HIV.

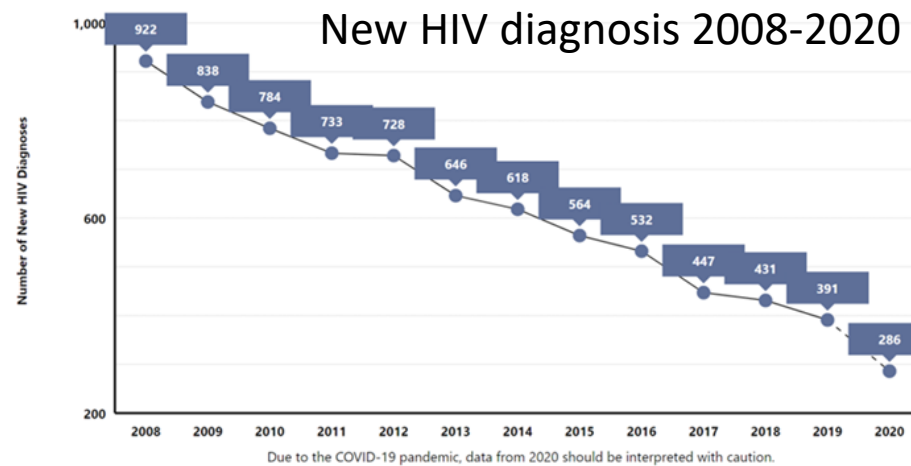
As of October 31, 2022, a total of 50,614 people have been diagnosed with HIV or AIDS in PR. In 2019, the archipelago, compared to the other states and territories **ranked:**

14th with respect to HIV diagnoses, 7th in HIV prevalence, and 11th in the rate of Stage 3 (AIDS) diagnoses.

<https://www.salud.pr.gov/CMS/DOWNLOAD/7361>

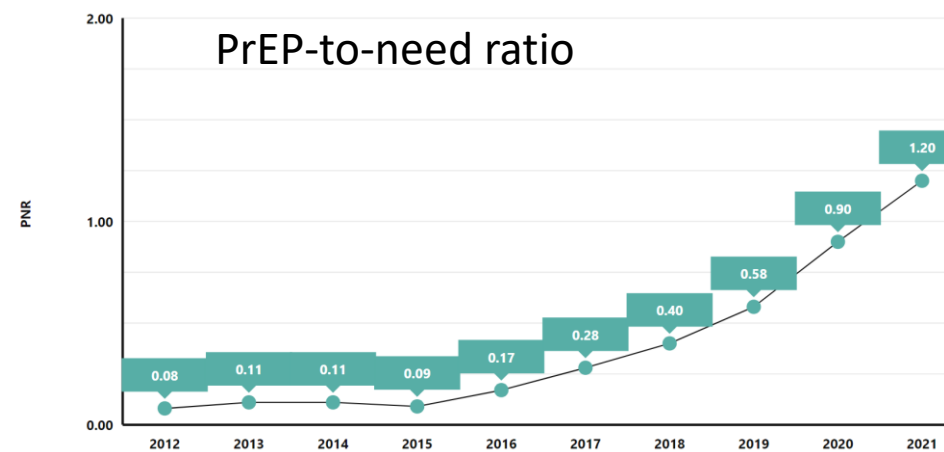


Number of New HIV Diagnoses, 2008-2020



Rate of people newly diagnosed with HIV per 100,000 population, by Geography, 2020

PNR, 2012-2021





Puerto Rico
was the first country
in eliminating the
Perinatal Transmission of HIV
(1994)

➤ P R Health Sci J. 2021 Mar;40(1):12-18.

Elimination of the Perinatal Transmission of HIV and Syphilis in Puerto Rico and Sustained Success since 2007: Convergence of Science, Women-Centered Care, and Policy

Carmen D Zorrilla ¹, Linnette Rodríguez-Figueroa ², Sandra Miranda-De León ³,
Bernardita López-Alvarado ³, Eileen Pérez ⁴, Silvia E Rabionet ⁵

Affiliations + expand

PMID: 33876913 PMCID: [PMC8363176](#)

Free PMC article

<https://pubmed.ncbi.nlm.nih.gov/33876913/>

Editorial

➤ P R Health Sci J. 2021 Mar;40(1):3-5.

The Historic Elimination of Mother-to-Child HIV and Syphilis Transmission in Puerto Rico

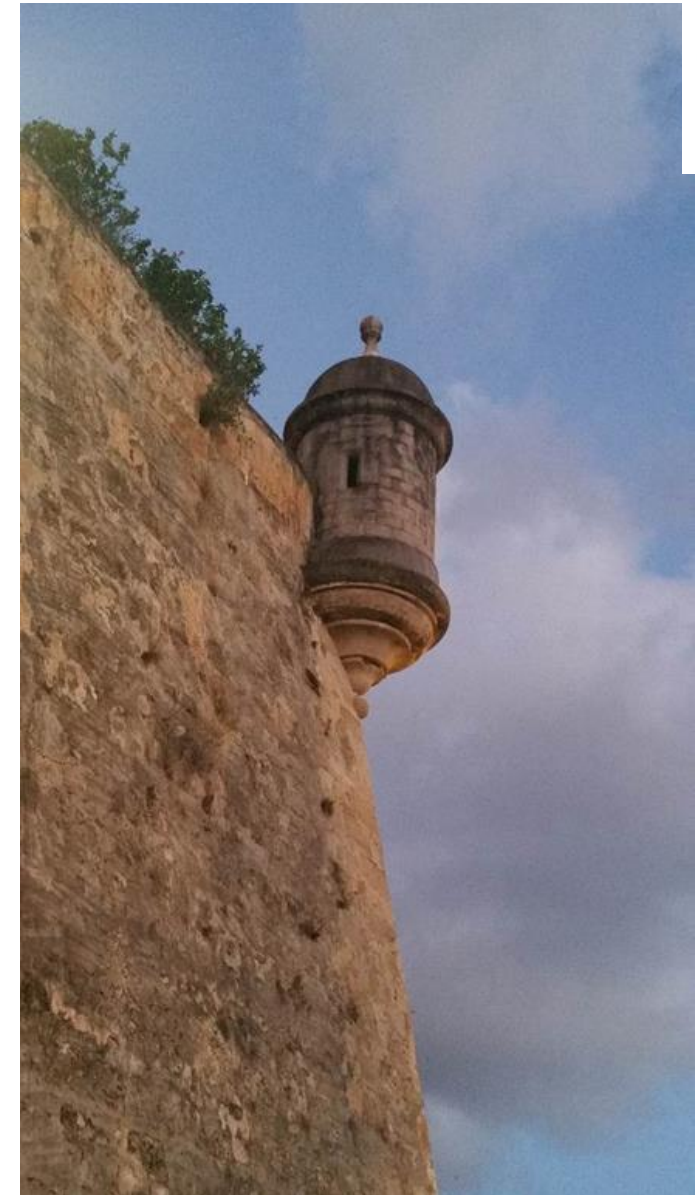
Sten H Vermund ¹, Irma Febo ²

Affiliations + expand

PMID: 33876911 PMCID: [PMC8363137](#)

Free PMC article

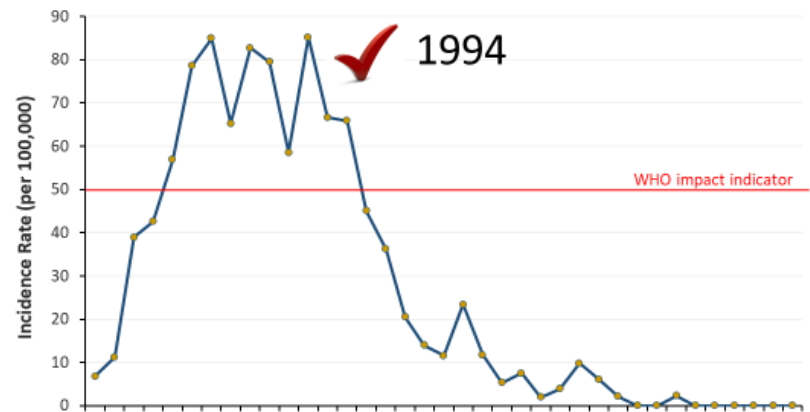
<https://pubmed.ncbi.nlm.nih.gov/33876911/>



Rate of HIV Mother-to-Child Transmission
by Year of Birth, Puerto Rico, 2005-15



Incidence Rate of Perinatally-Acquired HIV Infections
(per 100,000 live births) by Year of Birth,
Puerto Rico, 1980-2016



Fajardo Bioluminescent Bay



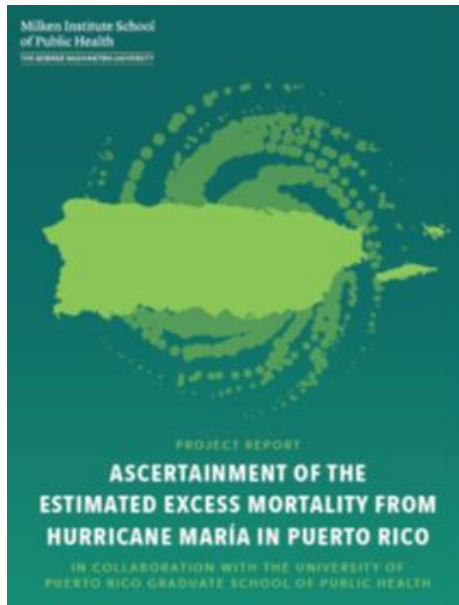
Hurricane Maria- Excess mortality estimates

THE NEW ENGLAND JOURNAL of MEDICINE

SPECIAL ARTICLE

Mortality in Puerto Rico after Hurricane Maria

Nishant Kishore, M.P.H., Domingo Marqués, Ph.D., Ayesha Mahmud, Ph.D.,
Mathew V. Kiang, M.P.H., Irmay Rodriguez, B.A., Arlan Fuller, J.D., M.A.,
Peggy Ebner, B.A., Cecilia Sorensen, M.D., Fabio Racy, M.D., Jay Lemery, M.D.,
Leslie Maas, M.H.S., Jennifer Leaning, M.D., S.M.H., Rafael A. Irizarry, Ph.D.,
Satchit Balsari, M.D., M.P.H., and Caroline O. Buckee, D.Phil.



NY Times: 1,052

Santos-Lozada and Howard: 1,218

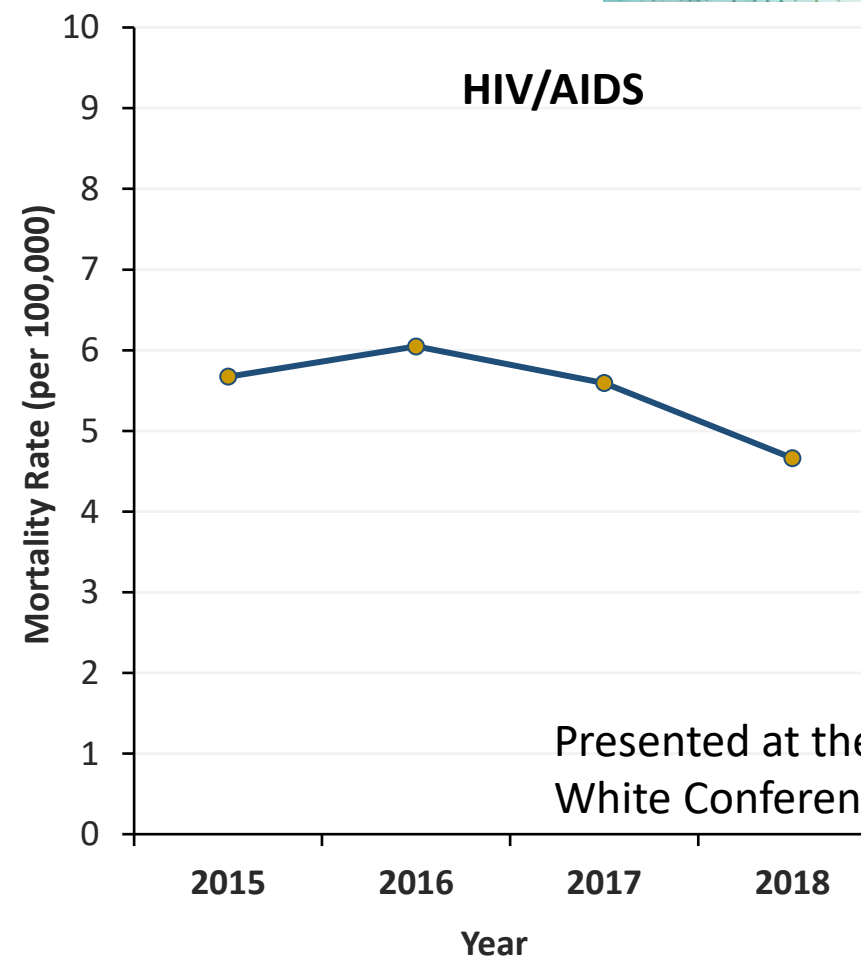
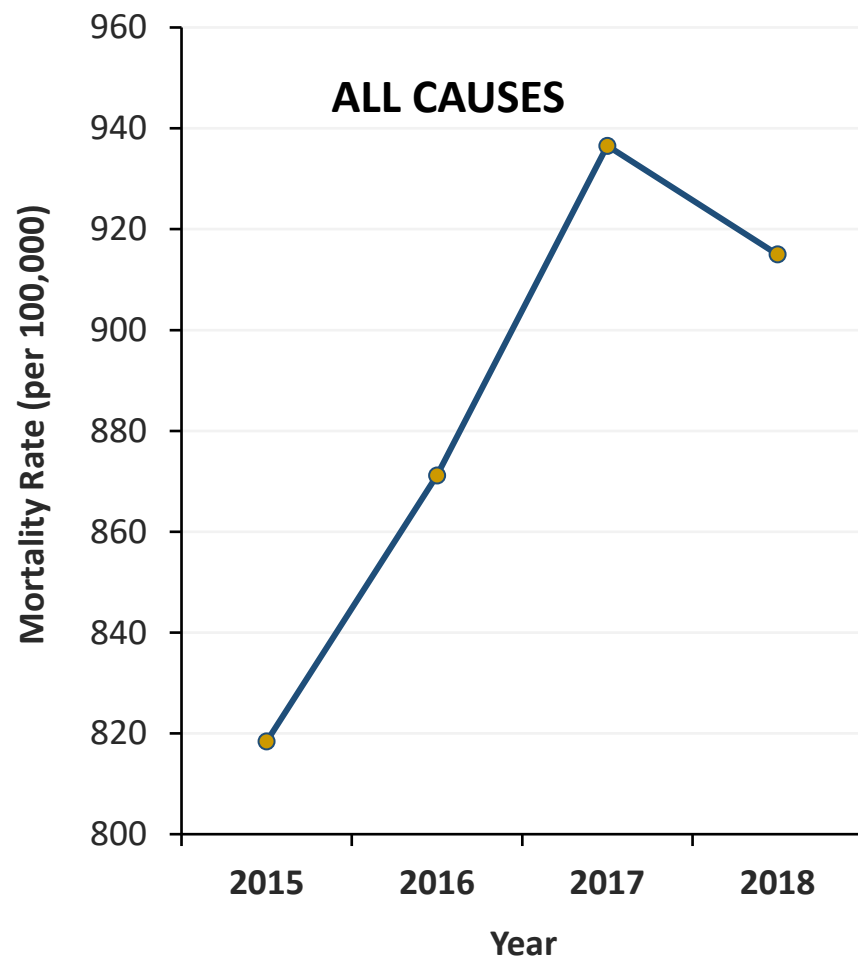
Official death count: 64

**Kishore, Marques et al (NEJM) survey:
4,645**

**Milken Institute of Public Health
report : 2,975**



Mortality Rates (All Causes and HIV/AIDS) by Year, Puerto Rico, 2015-18



Presented at the Annual Ryan
White Conference 24 July, 2019,

Source: Puerto Rico Department of Health, Demographic Registrar and Vital Statistics Office

Welcome to the 2023 Adherence Conference!

We want to learn from each
other,
share ideas and strategies and
continue making the world a
better place!
Thank you for your
commitment!

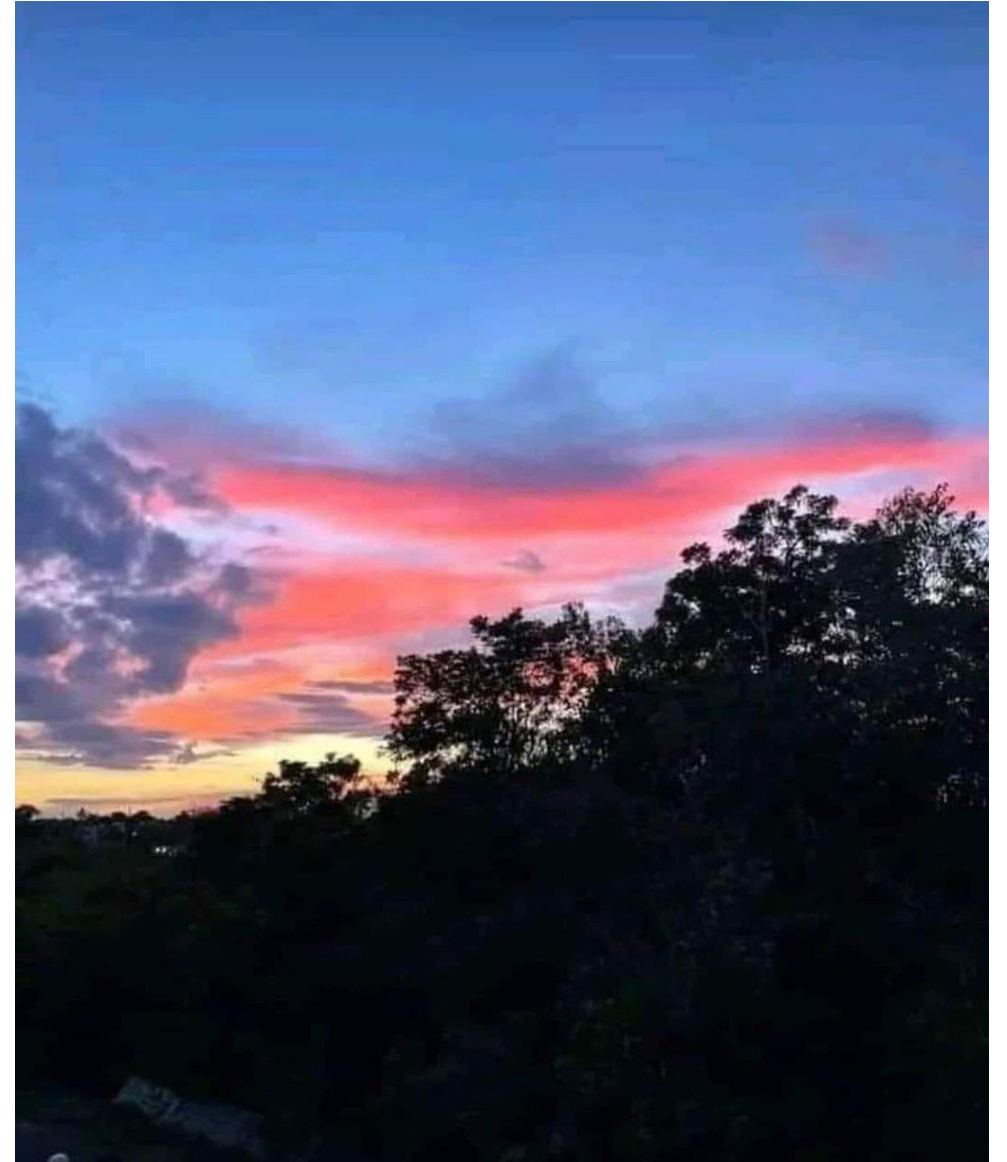


Photo taken by Yai Torres (Arecibo PR) available at Deborah Martorell's Instagram page