



The Puerto Rico Chamber of Commerce
and El Nuevo Día present the...

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PUERTO RICO Health & Insurance CONFERENCE 2018

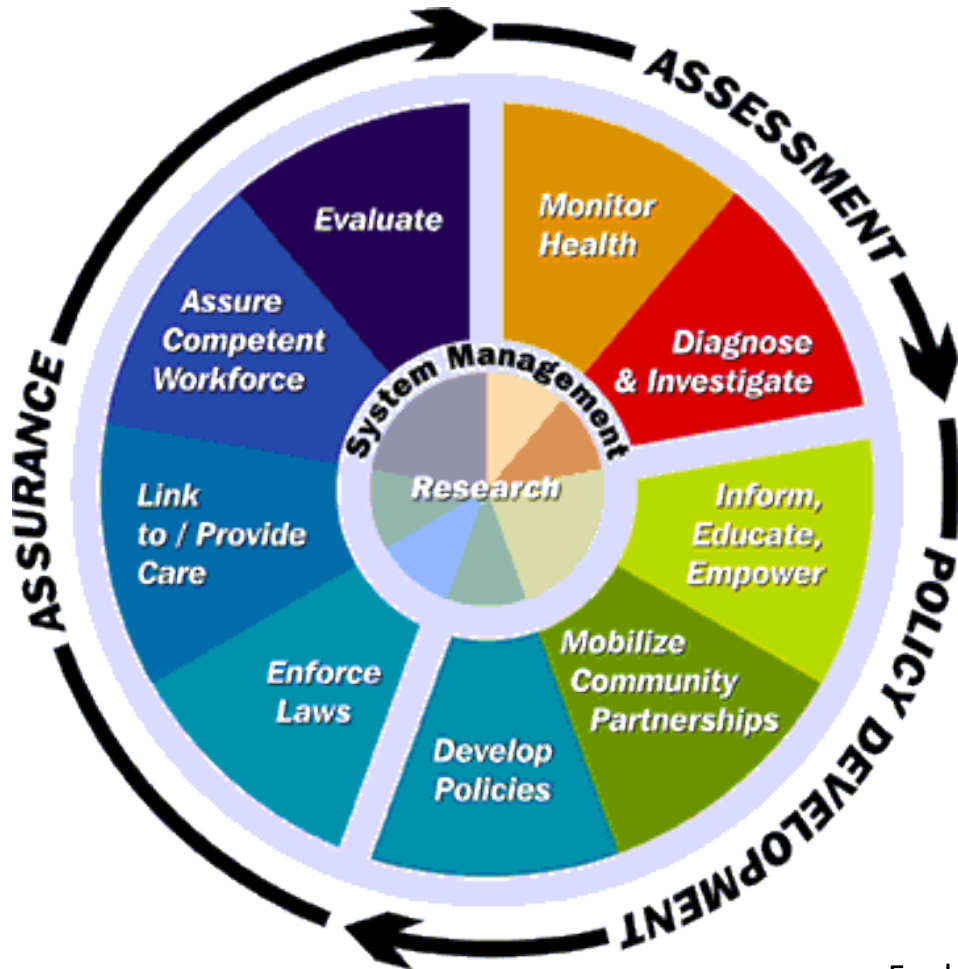


**DEVELOPMENT BY STORM: HOW TO TURN POST-MARÍA RECOVERY
AS THE OPPORTUNITY TO FIX HEALTHCARE IN PUERTO RICO**

Surveillance and Epidemiologic Profile Post-
Hurricane Maria

Dr. Idania R. Rodríguez Ayuso

Public Health and Costs



“In addition to affecting the health of individuals directly, infectious diseases are also having an impact on whole societies, economies and political systems.” (Fonkwo, 2008, S13).

**Communicable
diseases have a
deep economic
burden.**

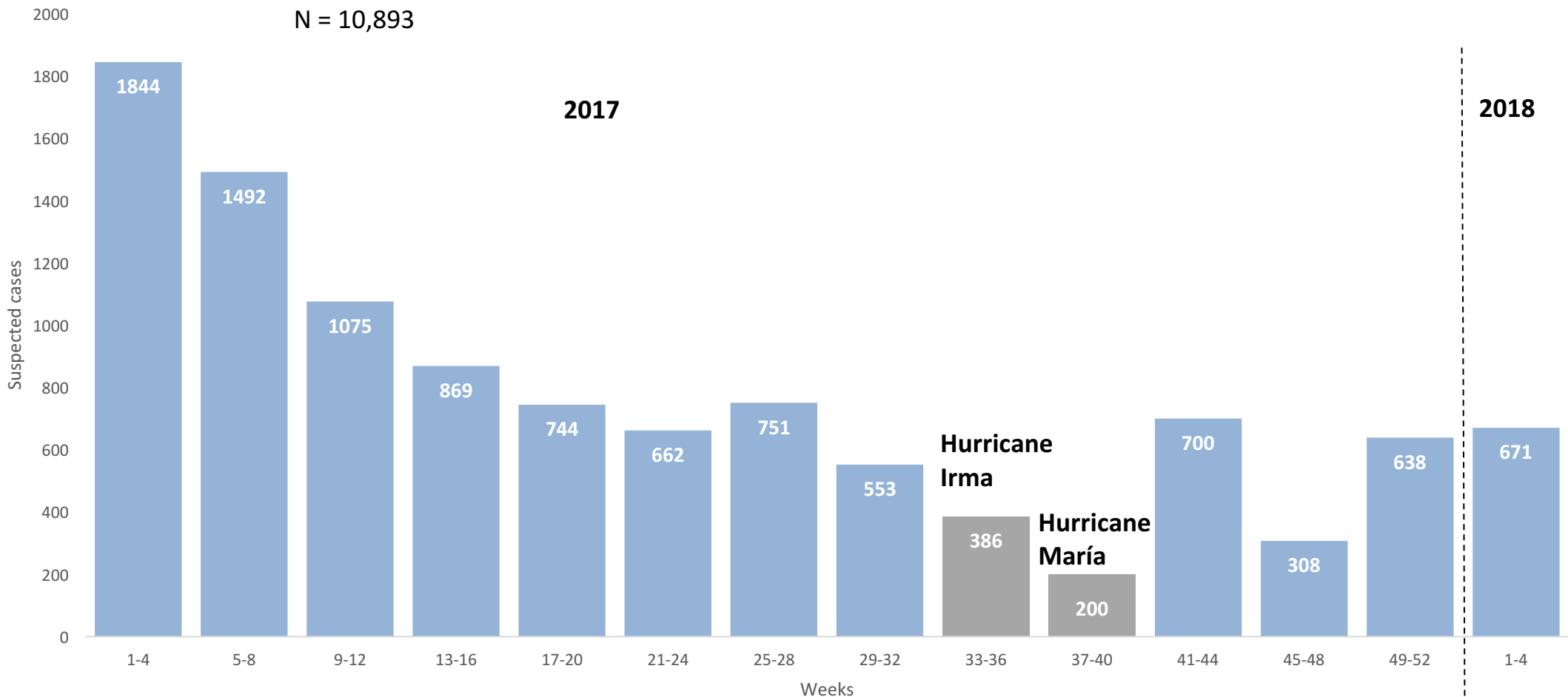
In Puerto Rico:

“From 2002 to 2010, the **aggregate annual cost of dengue illness averaged \$38.7 million**, of which 70% was for adults (age 15+ years). Hospitalized patients accounted for 63% of the cost of dengue illness, and fatal cases represented an additional 17%. Households funded 48% of dengue illness cost, the government funded 24%, insurance funded 22%, and employers funded 7%. Including dengue surveillance and vector control activities, the **overall annual cost** of dengue was **\$46.45 million** (\$12.47 per capita).” (Halasa, Shepard & Zeng, 2012, p. 745).

In the United States:

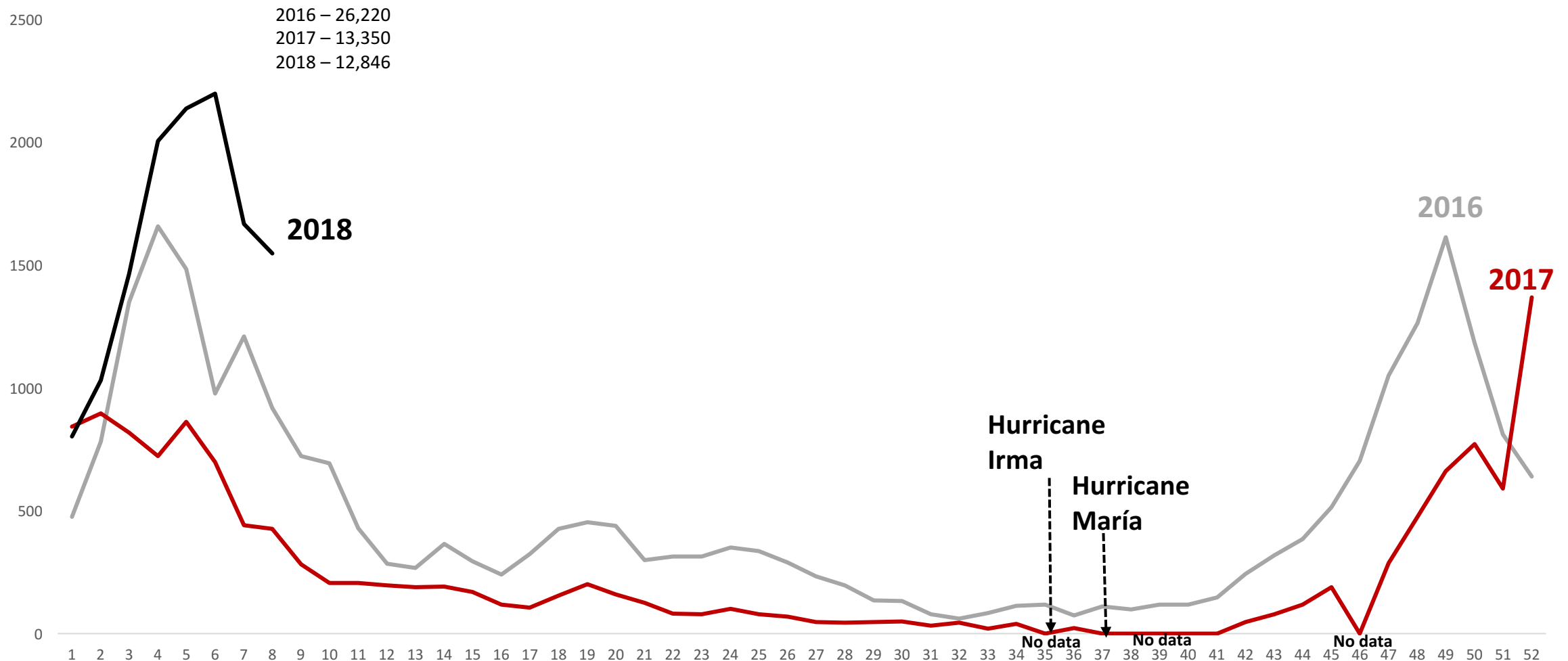
“The **total economic burden** of annual influenza epidemics using projected statistical life values amounted to **\$87.1 billion** (C.I., \$47.2, \$149.5).” (Molinari, A.-A. M., Ortega-Sánchez, I. R.; Messonnier, Thompson, Wortley, & Bridges, 2007, p. 5086).

Arboviral diseases* by weeks, Puerto Rico 2017

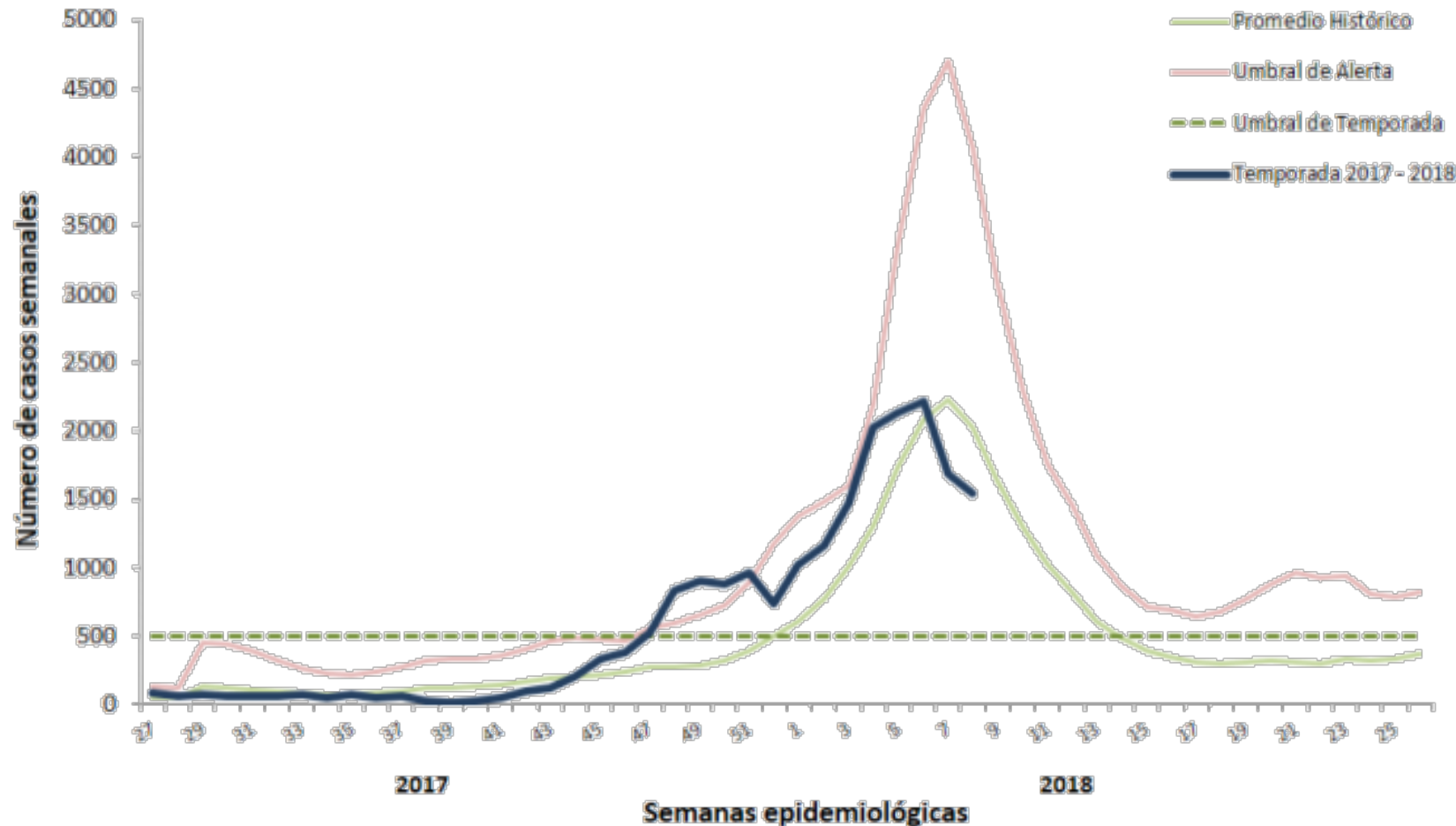


*Dengue virus, Chikungunya virus, and Zika virus

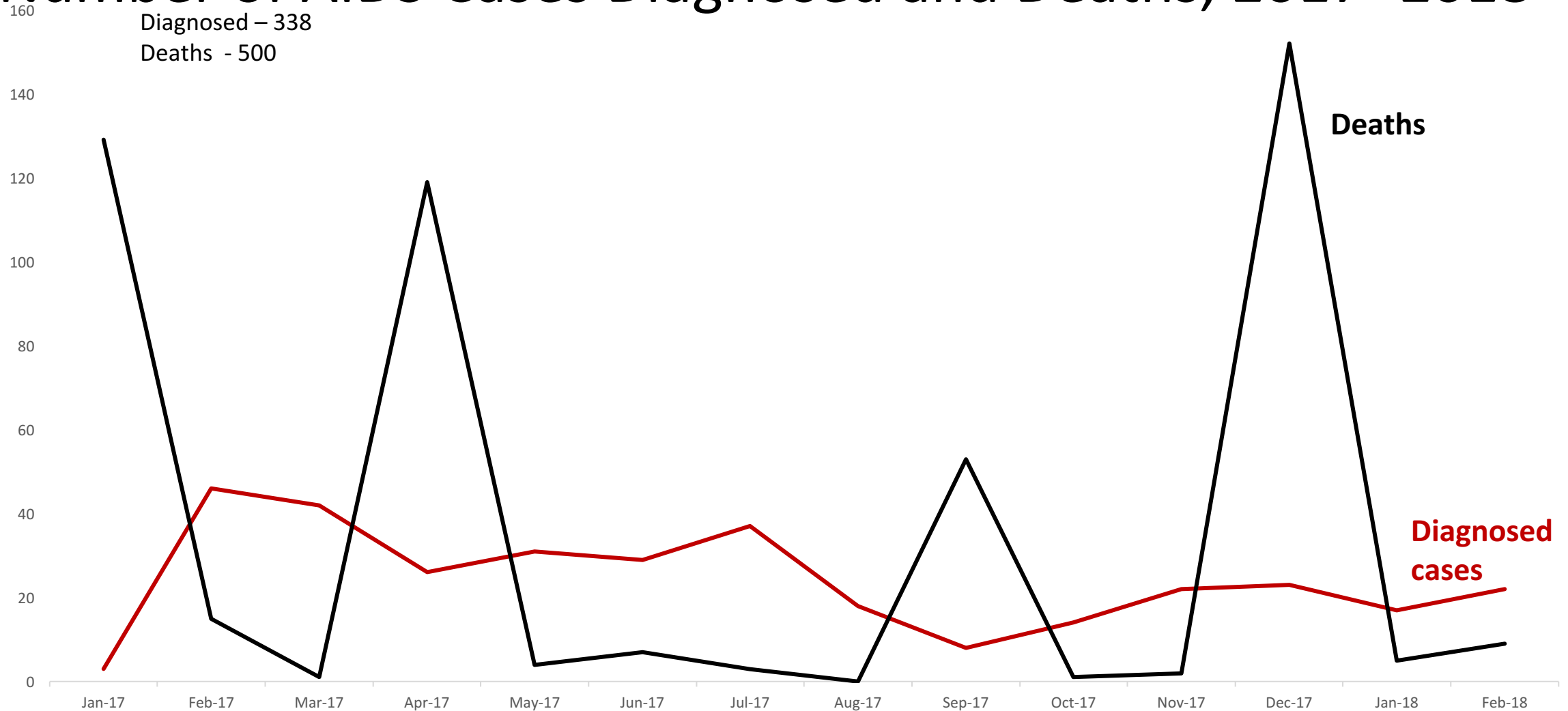
Influenza trends by week, Puerto Rico 2016-2018



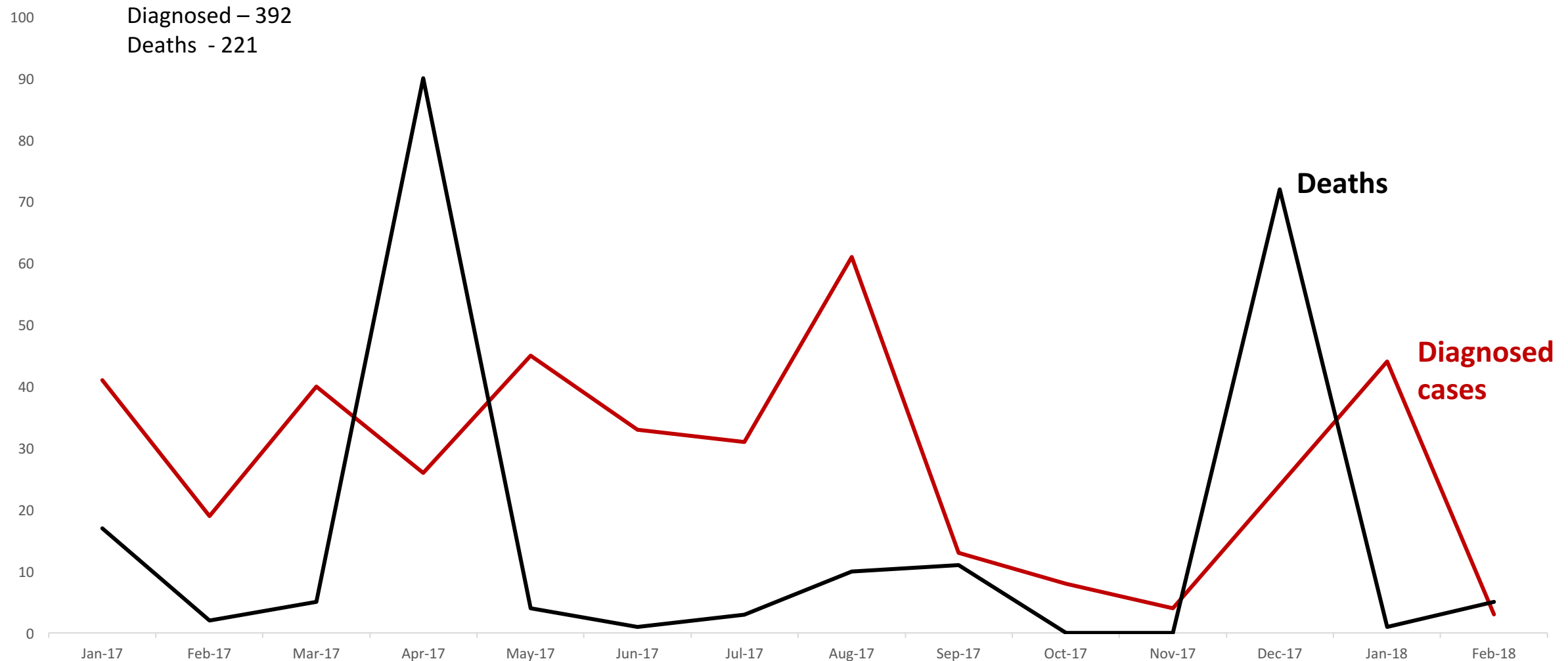
Reported cases of influenza by epidemiological week in 2017-2018 season compared by historical mean, season threshold, and warning threshold



Number of AIDS Cases Diagnosed and Deaths, 2017 -2018



Number of HIV not AIDS Cases Diagnosed and Deaths, 2017 -2018



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