

Trends of Mortality Related with Dengue in Colombia 2012-2021

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OBJECTIVE

This study analyzes the trend of the mortality rate due to dengue (MR-Dengue) in Colombia from 2012 to 2021.

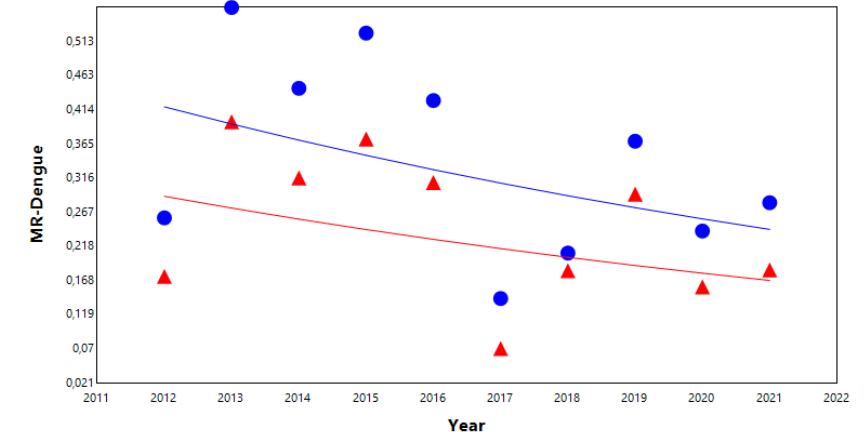
METHODS

A time series study was conducted using mortality data and population estimates from DANE, covering ICD-10 codes A90, A91 (2012-2018), and A970, A971, A972, A979 (2019-2021). MR-Dengue was calculated per 100,000 people. Trends were examined through Joinpoint regression. Annual Percent Change (APC) and Average Annual Percent Change (AAPC) were estimated with $\alpha=0.05$.

CONCLUSIONS

The study reveals a significant decrease in MR-Dengue post-2014, following an initial increase. This trend was consistent across genders, with a higher mortality rate in men. The findings highlight the need for continuous surveillance and targeted public health interventions to further mitigate dengue impact. The period-specific peaks, particularly between 2013-2015, warrant further investigation to understand and address underlying factors in dengue mortality trends.

Trends of Mortality Rate by Dengue in Colombia 2012-2021



Mortality Rate by Dengue by ages in Colombia 2012-2021

