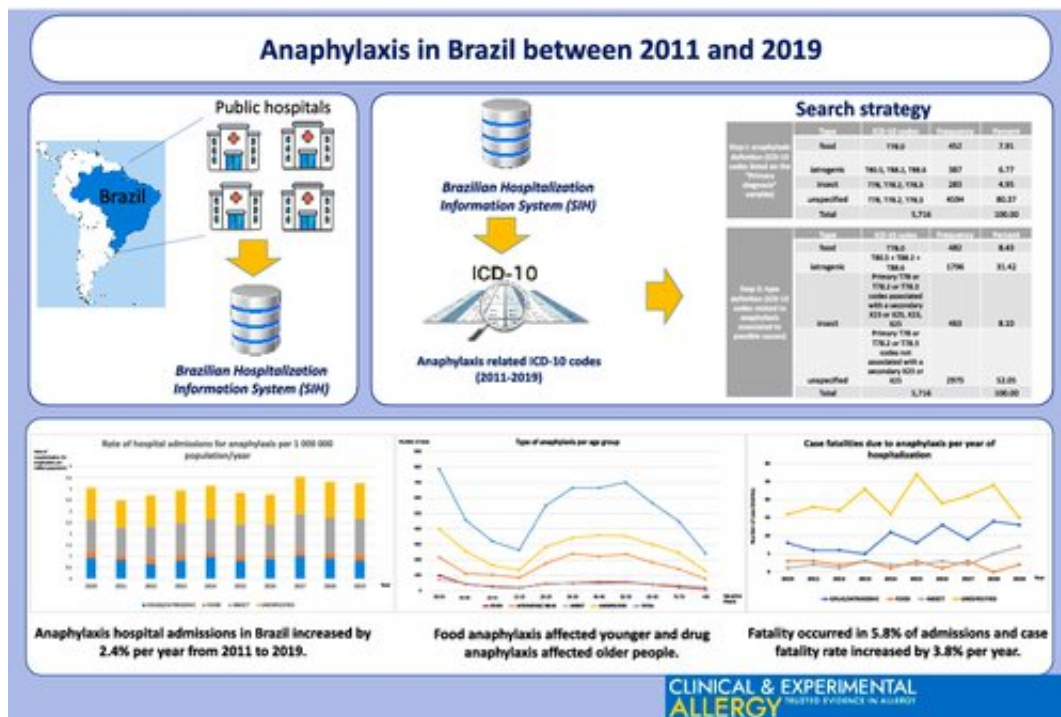


Study reveals increasing rates of anaphylaxis-related hospital admissions and deaths in Brazil

July 22 2022



Graphical abstract. Credit: *Clinical & Experimental Allergy* (2022). DOI: 10.1111/cea.14193

Anaphylaxis, the most dangerous form of allergy, can result in fatality within minutes of exposure to an allergen. Data from high-income countries show that hospital admissions for anaphylaxis increased during the past 20 years, although numbers of fatalities did not increase. A

report in *Clinical and Experimental Allergy* describes the first comprehensive evaluation of trends in anaphylaxis admissions and fatal anaphylaxis in a low or middle income country—in this case, Brazil.

Investigators found increasing rates of [hospital admissions](#) for anaphylaxis between 2011 and 2019 in Brazil, a middle-income country, which is similar to findings from [high-income countries](#); however, they also found increasing fatal anaphylaxis rates.

Fatality rates were higher in Brazil than in most other national studies—more than 5% of people admitted to a hospital for anaphylaxis died, compared with approximately 1% in studies from high-income settings.

"These findings may influence officials in Brazil to facilitate wider availability of epinephrine devices such as EpiPens and other measures to protect people at risk of [anaphylaxis](#)," said corresponding author Luciana Tanno, MD, Ph.D., of the University of São Paulo.

More information: Luciana Kase Tanno et al, Anaphylaxis in Brazil between 2011 and 2019, *Clinical & Experimental Allergy* (2022). [DOI: 10.1111/cea.14193](#)

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