

Chinese Notifiable Infectious Diseases Surveillance Report

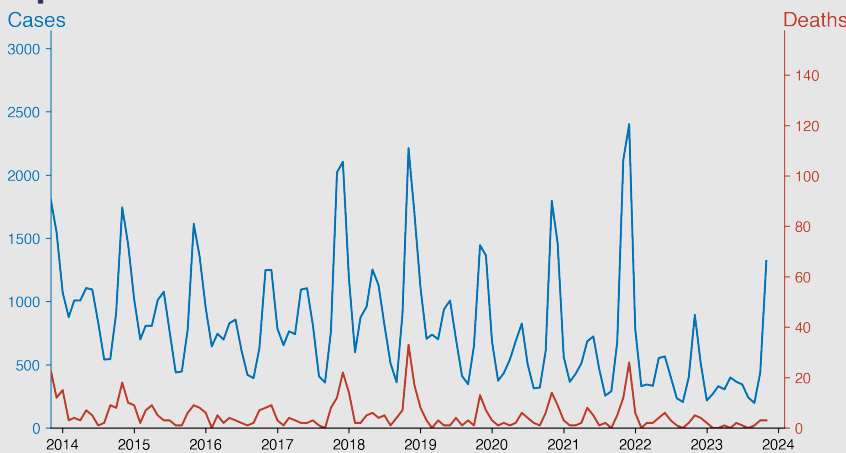
Epidemic hemorrhagic fever

November 2023

Introduction

Epidemic Hemorrhagic Fever, also known as Hantavirus, is a severe infectious disease characterized by fever, fatigue, and hemorrhagic symptoms. It is primarily transmitted through rodent vectors, carried by their droppings, urine, or saliva. Humans can contract the illness through inhaling aerosolized particles contaminated by the virus. Potential complications include cardiovascular and renal damage which can result in severe patient outcomes. Early diagnosis and supportive care are vital in managing this zoonotic infection.

Temporal Trend



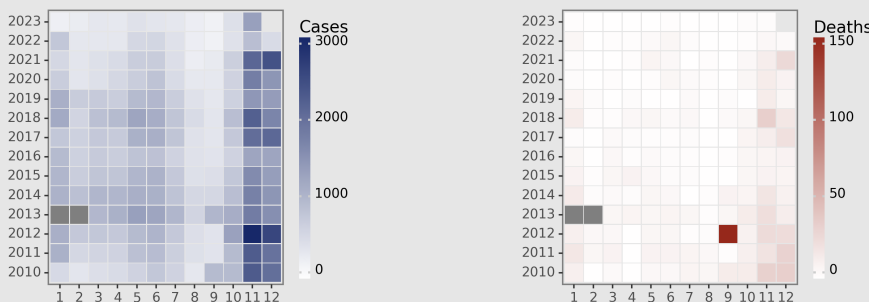
Cases Analysis

The reported cases of Epidemic hemorrhagic fever in mainland China show clear seasonality, with annual peaks usually observed from November to January. The maximum number of cases was most significantly observed in November 2012 with 3000 cases. The reported cases started declining from the year 2015 onward, especially from April to November, suggesting effective preventive measures or changes in disease transmission dynamics. However, a notable influx of cases is still seen in the winter months, underlining the requirement for continuous vigilance and control efforts.

Deaths Analysis

Over the reported period, deaths due to Epidemic Hemorrhagic Fever remained generally low, demonstrating its lower lethality or efficient treatment. An unusual peak occurred in September 2012, with 150 deaths, an anomaly as it sharply diverges from the rest of the data. This could be due to various factors like reporting error, major outbreak, or changes in virus strain and merits further investigation. Beyond this peak, mortality linked to the disease appear to follow the disease trends with elevated death counts reported during peak infection months.

Distribution



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