

Chinese Notifiable Infectious Diseases Surveillance Report

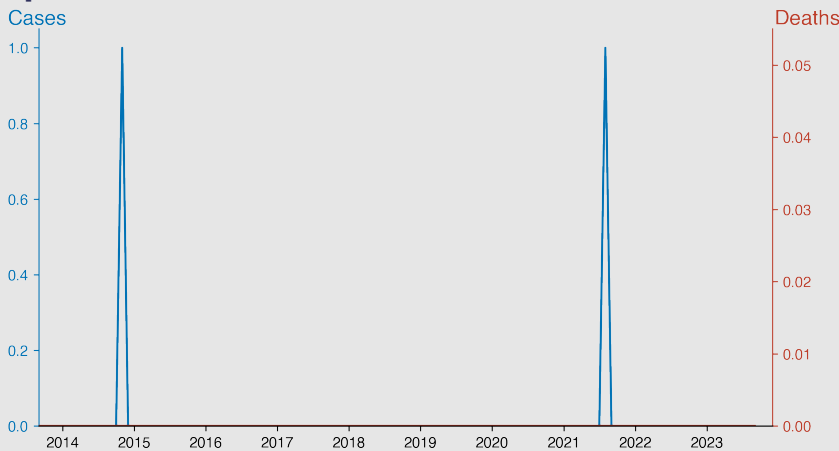
Filariasis

September 2023

Introduction

Filariasis is a parasitic disease caused by an infection with roundworms of the Filarioidea type. These are spread by blood-feeding black flies and mosquitoes. There are eight different types of filarial nematodes which use humans as their definitive host. These are divided into three groups: lymphatic filariasis, subcutaneous filariasis, and serous cavity filariasis. Lymphatic filariasis, the most common type, can lead to elephantiasis which is characterized by severe swelling in the arms, legs, or genitals. The disease is diagnosed by microscopic examination of blood samples, taken during the nocturnal activity of the parasites. Treatment options include antiparasitic

Temporal Trend



Highlights

Filariasis in mainland China is currently very well contained, with a total of only three recorded cases from 2010 to September 2023.

- Out of the three cases, none succumbed to the disease, showing a 0% mortality rate for Filariasis in the reviewed period.
- Cases were reported only in August 2011, November 2014, and August 2021, making the occurrence very isolated and sporadic.
- As of September 2023, there have been no new cases reported in the year thus maintaining the overall low prevalence pattern.

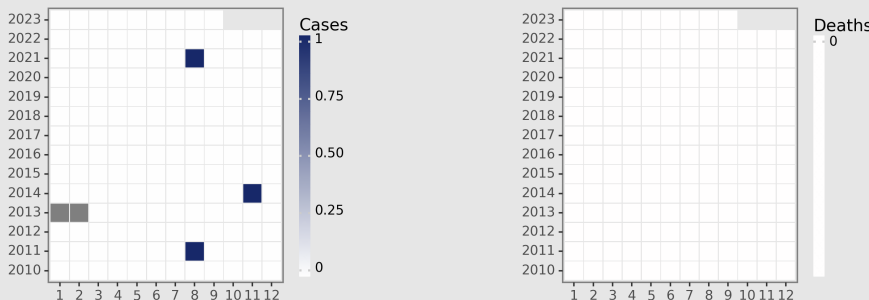
Cases Analysis

The data for Filariasis in mainland China indicates a significantly low prevalence of the disease. From January 2010 to September 2023, only 3 cases have been recorded: one in August 2011, one in November 2014, and the last in August of 2021. The vast majority of months show zero cases, suggesting a highly effective control and prevention strategy in place. Despite the low case numbers, continued monitoring is required due to the potential risk and health burdens associated with Filariasis. (Word count: 80)

Deaths Analysis

As per the presented dataset, Filariasis has caused zero deaths in mainland China from 2010 through to September 2023. While this record is highly commendable, it's crucial to note that this doesn't necessarily mean the absence of morbidity or suffering; Filariasis has the capacity to cause debilitating symptoms and significant physical disabilities. These zero death records could be linked to robust health policies, early diagnoses, or efficient medical treatment within the country. (Word count: 85)

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