

Chinese Notifiable Infectious Diseases Surveillance Report

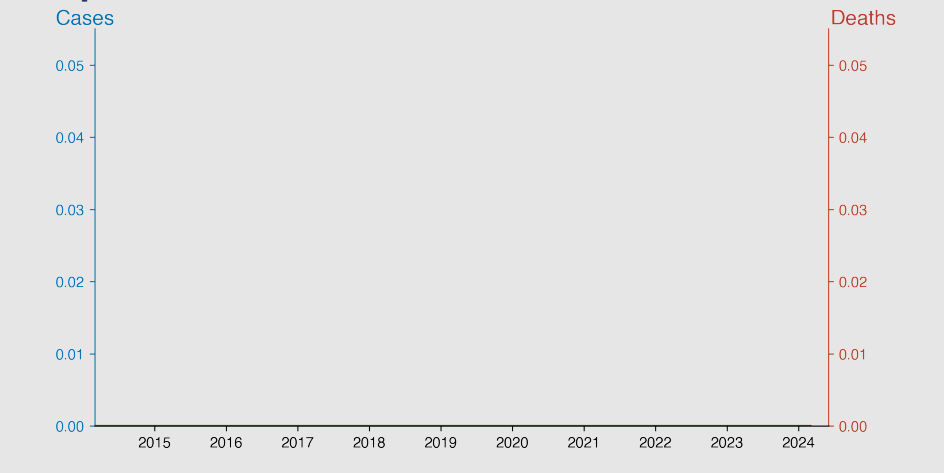
Poliomyelitis

March 2024

Introduction

Poliomyelitis, typically referred to as polio, is a highly infectious viral disease that primarily affects young children. The virus, transmitted person to person, typically through contaminated water or food, invades the nervous system and can lead to total paralysis in a matter of hours. Initial symptoms are fever, fatigue, headache, vomiting, stiffness in the neck, and pain in the limbs. While there is no cure, the polio vaccine effectively prevents the illness. Polio cases have decreased by over 99% since the Global Polio Eradication Initiative began in 1988.

Temporal Trend



Highlights

1. Poliomyelitis has demonstrated a consistent epidemiological pattern in mainland China over the last decade, with no reported cases or deaths.
2. Incidence rate: The data provided from March 2014 to March 2024 displays a steady trend where the incidence of Poliomyelitis is zero.
3. Mortality rate: Similarly, there have been no recorded deaths related to Poliomyelitis during the specified timeframe.
4. The current situation as of March 2024, continues to show no recorded incidences or mortalities from Poliomyelitis. This suggests successful disease control and prevention methods in the region.

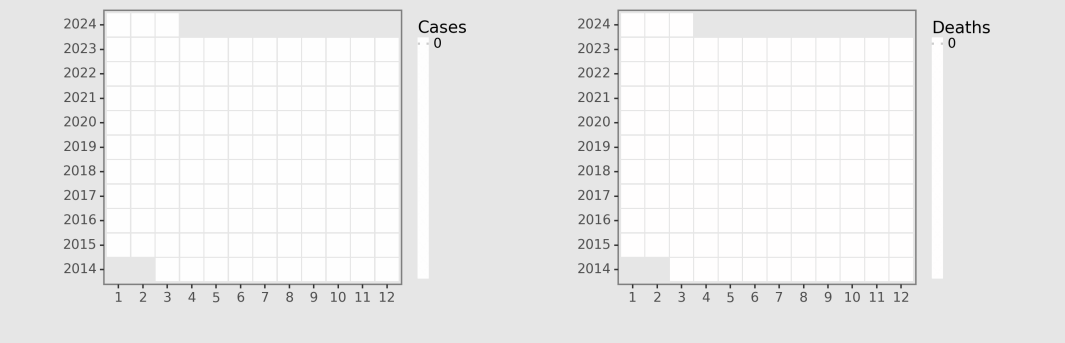
Cases Analysis

The provided data shows a consistent zero number of Poliomyelitis cases reported in mainland China from March 2014 to March 2024. This null incidence indicates a successful eradication of this highly infectious viral disease in the region. The trend aligns with globally concerted efforts led by the World Health Organization, aiming at worldwide Polio eradication. The systemic Polio vaccination campaign conducted in China over the years has effectively prevented the resurgence of new cases.

Deaths Analysis

In accordance to the case reports, the death rate stands at zero consistently from 2014 to 2024, corroborating the absence of polio cases in this period. This result underscores the efficacy of mainland China's disease control measures for Poliomyelitis. The absence of fatalities suggests a successful prevention of disease transmission and a stable health environment regarding Poliomyelitis in China's mainland, which is indicative of strong healthcare infrastructure and immunization programs.

Distribution



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