

# Chinese Notifiable Infectious Diseases Surveillance Report

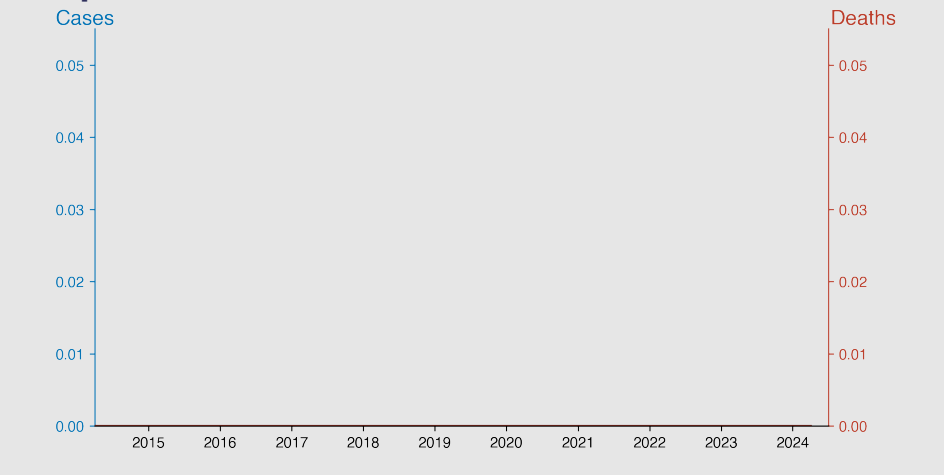
## Poliomyelitis

April 2024

### Introduction

Poliomyelitis, commonly known as polio, is a highly infectious viral disease predominantly affecting children under 5. The virus is transmitted person-to-person, usually through contaminated water or food. It invades the nervous system, potentially causing total paralysis in hours. Tragically, 5 to 10% of those experiencing paralysis die when their breathing muscles become immobilized. Despite there being no cure, polio is preventable with multiple doses of the polio vaccine, which has reduced worldwide cases by over 99% since 1988.

### Temporal Trend



### Highlights

- There have been no reported cases of Poliomyelitis in mainland China from April 2014 to April 2024.
- Similarly, there have been no reported deaths due to Poliomyelitis in mainland China for the same observation period.
- These trends suggest a successful elimination of the Poliomyelitis in mainland China over the decade in review.
- As of April 2024, the disease situation for Poliomyelitis in mainland China seems controlled with zero new cases and deaths.

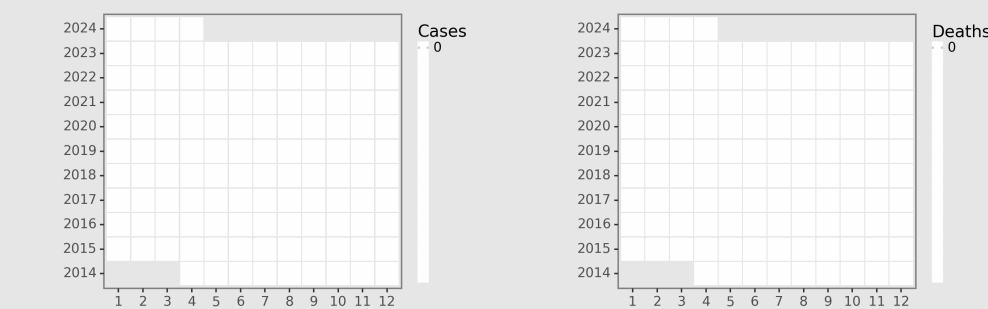
### Cases Analysis

From the available data, no confirmed poliomyelitis cases were reported in mainland China from April 2014 through April 2024, a full decade. This suggests a highly effective preventive strategy, possibly through successful immunization drives and good sanitary conditions, which have perhaps totally blocked the endemic transmission of polio. Furthermore, this could also indicate meticulous healthcare surveillance to promptly identify and isolate any cases if they occurred. However, continuous monitoring is needed to ensure the virus does not re-enter and establish transmission.

### Deaths Analysis

Simultaneously, the data reports no deaths associated with Poliomyelitis during this ten-year period. The absence of Polio-related mortality is a noteworthy indicator of the effective healthcare measures in place. It points to not only the efficiency of the preventive strategies, such as vaccination campaigns, but also the diagnostic and treatment protocols applied in case of illness onset. The consistent zero mortality rate reaffirms China's progress in maintaining its Polio eradication status. Vigilance should be maintained to preserve this achievement.

### Distribution



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