Chinese Notifiable Infectious Diseases Surveillance Report

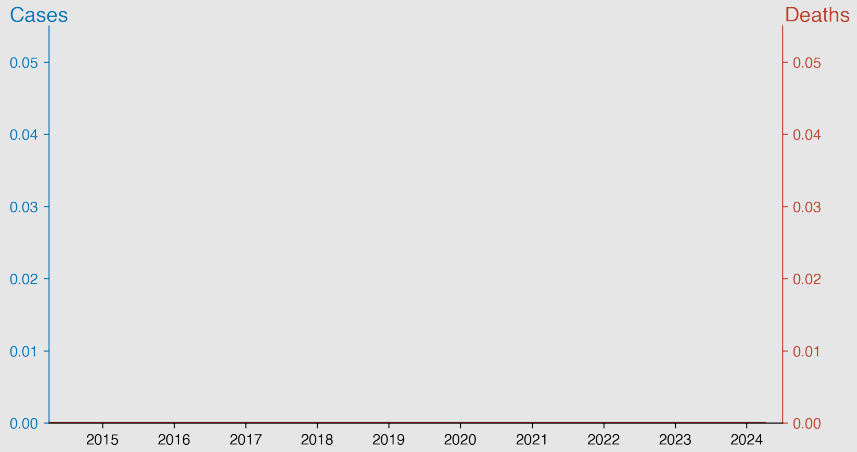
SARS-CoV

April 2024

Introduction

Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) is a viral strain that initially surfaced in 2002 in Guangdong, China. It belongs to the coronavirus family, known to cause illnesses ranging from the common cold to more severe diseases. SARS-CoV is zoonotic, crossing from animals to humans. It is responsible for the highly infectious disease, SARS, marked by severe respiratory illness, fever, cough, and pneumonia. Notable for high infection rates, SARS-CoV prompted a global epidemic in 2003, infecting over 8,000 and causing 774 deaths worldwide.

Temporal Trend



Highlights

1. SARS-CoV has shown a consistent absence of cases in Mainland China from April 2014 to April 2024 with no reported infections.
2. Mortality related to SARS-CoV in the same period is also at zero, indicating no recorded deaths from the virus.
3. With this data, the situation of SARS-CoV in Mainland China can be characterized as being under complete control.
4. There are no apparent seasonal trends or sudden spikes, suggesting effective long-term containment and prevention measures in place.

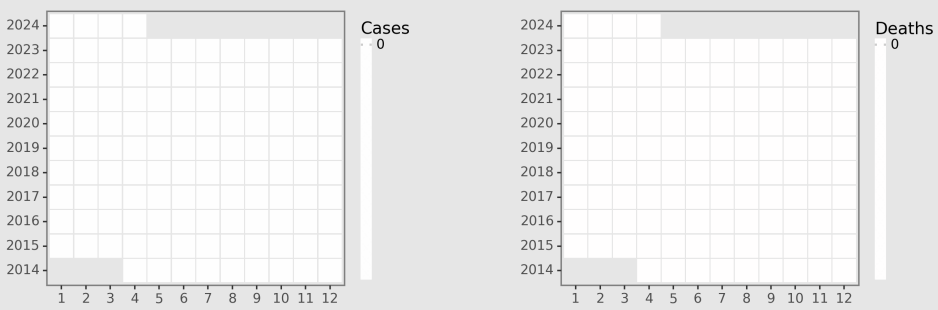
Cases Analysis

From 2014 to 2024, the reported data shows no recorded cases of SARS-CoV in Chinese mainland, which means SARS-CoV did not re-emerge in this period. This observation might be due to the tight preventive measures, like quarantining and contact tracing, implemented after the virus's outbreak in 2003. Also, the absence of the disease demonstrates the effectiveness of the intensive global surveillance system for SARS-CoV detection.(Word count: 76 words)

Deaths Analysis

Similarly, in the ten year period from April 2014 through April 2024, there were zero reported deaths due to SARS-CoV in mainland China. This absence of SARS-CoV related fatalities demonstrates that either the infection was completely controlled, or mortality related to any potential infection was successfully managed. This absence of death may also be attributable to effective clinical management strategies and comprehensive public health measures in place.

Distribution



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