

The impact of the COVID-19 pandemic on maternal mortality rates in Indonesia

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ABSTRACT

Introduction: The COVID-19 pandemic has a significant impact on healthcare systems worldwide, including in Indonesia. One aspect affected is maternal mortality rates. Restrictions on access to healthcare services, changes in health policies and the risk of COVID-19 infection in pregnant women may affect maternal mortality rates. **Objectives:** The study aimed to understand the impact of the Covid-19 pandemic on maternal mortality rates in Indonesia and identify the factors contributing to changes in maternal mortality rates during the pandemic. **Materials and Methods:** This study uses a retrospective method by collecting data from Indonesia's Health Profile before and during the Covid-19 (2019 and 2020). The data includes maternal mortality rates, causes of death, access to healthcare services, availability of facilities and health policies. Statistical analysis was conducted to compare the increase in maternal mortality rates before and during the COVID-19 and identify the factors influencing them. **Results:** Through the analysis, the increase in maternal mortality rates in Indonesia during the COVID-19 pandemic is caused by several factors. Limited access to healthcare services, including movement restrictions and concerns about infection, led many pregnant women to avoid routine check-ups and necessary care hindering early detection of complications. The risk of COVID-19 infection in pregnant women also caused serious complications during pregnancy. **Conclusions:** The COVID-19 pandemic has had a negative impact on maternal mortality rates in Indonesia. The increase in maternal mortality rates highlights the need for better management of maternal health. Further research is required to understand the contributing factors and develop effective interventions.