



International
Perinatal
Outcomes in the
Pandemic
Study

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AUG 2021

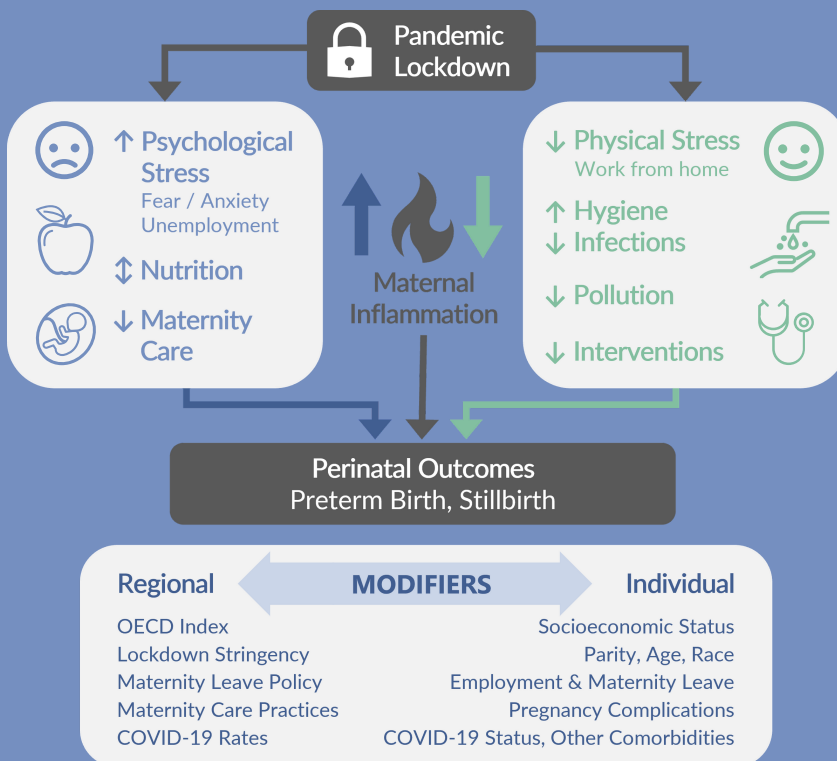
The iPOP Study aims to...

- 1 Understand global trends & differences in
- 2 Identify potential causes of
- 3 Evaluate potential modifiers of

...adverse perinatal outcomes during COVID-19 pandemic lockdowns.

Overview

Preterm birth is the leading cause of infant mortality worldwide. During early COVID-19 lockdowns, dramatic reductions in preterm birth were reported in some countries. This unprecedented "natural experiment" offers a unique opportunity to understand the causes of adverse perinatal outcomes (preterm birth and stillbirth) and enable discoveries about their prevention.



Methods

Collected

- Datasets from 25 different countries, capturing >20M births



Timeframe

- Jan 2015 - Jul 2020



Analyses

- Preterm and stillbirth rates
- Interrupted time series analysis
- Impacts of pandemic lockdown and regional differences



The iPOP Study will advance our understanding of adverse perinatal outcomes and their causes, informing policy during future pandemics.

Our Team



> 150 Collaborators

- Researchers
- Clinician-scientists
- Knowledge users



> 40 Countries

- >20 Low- & middle-income
- Population-level data
- Regional-level data

