Illinois Maternal Morbidity and Mortality Report

Links to County and National Data

On October 24, 2023, the Illinois Department of Public Health released Illinois' third Maternal Morbidity and Mortality Report. The report provides state-level estimates for various indicators including chronic disease during pregnancy, severe maternal morbidity at delivery hospitalization and pregnancy-related deaths.

This document provides links to county and national estimates of the indicators included in the report where available.

Maternal Morbidity at Delivery

Chronic Disease (Hypertension, Diabetes and Obesity) as indicated on the birth certificate (vital records).

- **County:** Maternal Health County Profile available via email from your regional health officer https://idph.illinois.gov/IDPHPrograms/v_HealthRegions/Show-V-HealthRegions-Public.aspx
- **National:** Centers for Disease Control and Prevention WONDER: https://wonder.cdc.gov/natality.html

Mental Health Conditions and Substance Use Disorder as indicated within the hospital discharge record for the delivery hospitalization and identified via ICD-10 codes.

- **County:** Maternal Health County Profile available via email from your regional health officer https://idph.illinois.gov/IDPHPrograms/v_HealthRegions/Show-V-HealthRegions-Public.aspx
- **National:** *Not available*

Severe Maternal Morbidity (SMM) as indicated within the hospital discharge record for the delivery hospitalization and identified via ICD-10 codes.

- **County:** Maternal Health County Profile available via email from your regional health officer https://idph.illinois.gov/IDPHPrograms/v_HealthRegions/Show-V-HealthRegions-Public.aspx
- **National:** *Not available; more details about the SMM indicator can be found here: https://www.cdc.gov/reproductivehealth/maternalinfanthealth/severematernalmorbidity.html*

Maternal Mortality

Pregnancy-Associated Death (the death of a woman during pregnancy or within one year of the end of a pregnancy from any cause) as identified by a variety of data sources as part of the states' Maternal Mortality Review Committees.

- **County:** *Not available*
- **National:** *Not available*

Pregnancy-Related Death (the death of a woman during pregnancy or within one year of the end of a pregnancy from a pregnancy complication, a chain of events initiated by pregnancy, or the aggravation of an unrelated condition by the physiologic effects of pregnancy) as identified by a variety of data sources and determined by to be pregnancy-related by the states' Maternal Mortality Review Committees.

- **County:** *Not available*
- **National:** The Centers for Disease Control and Prevention's ERASE MM Program provides a centralized Mortality Review Information Application (MMRIA) data system which collects information from all states conducting Maternal Mortality Review Committee. The most recent report from 36 states provides data for 2017-2019. https://www.cdc.gov/reproductivehealth/maternal-mortality/erase-mm/data-mmrc.html

Other Sources of Maternal Mortality Data

National Vital Statistics System (NVSS): https://www.cdc.gov/nchs/data/hestat/maternal-mortality/2021/maternal-mortality-rates-2021.htm

- ➔ Provides national data on maternal death (the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes) as indicated on the death certificate (vital records).
- ➔ This is a different definition and data source from MMRC data, but is useful when comparing to other countries.

Pregnancy Mortality Surveillance System (PMSS): https://www.cdc.gov/reproductivehealth/maternal-mortality/pregnancy-mortality-surveillance-system.htm

- ➔ Provides national data on pregnancy-related deaths (all deaths while pregnant or within 1 year of the end of pregnancy from any cause related to or aggravated by the pregnancy) as determined by review conducted by medical epidemiologists.
- ➔ Less detailed information than MMRC data with regards to factors contributing to the death

Resource created by I PROMOTE-IL
Illinois Maternal Health Task Force—Data to Action Committee

Final- 01/22/2024

Birth Data

IDPH Birth Statistics Website: https://dph.illinois.gov/data-statistics/vital-statistics/birth-statistics.html

➔ Provides state-level and county-level birth data by demographics and delivery characteristics as indicated from the birth certificate (vital records)

Centers for Disease Control and Prevention WONDER: https://wonder.cdc.gov/natality.html

➔ Provides national, state and county level birth data by demographics and delivery characteristics as indicated on the birth certificate (vital records)
➔ Advanced query system allows for stratification

Other County-Level Data Sources

Illinois Public Health Community Map: https://healthcarereportcard.illinois.gov/map

➔ Provides state and county-level data for the following indicators: low birth weight, preterm birth, prenatal care, breastfed during delivery hospitalization, smoking during pregnancy and teen birth rate
➔ Managed by IDPH

Illinois Maternal Health County Profiles: https://ipromoteil.org/county-data/

➔ Data organized at the county-level; provides a snapshot of maternal health indicators including demographics for women of reproductive area, pregnancy and birth outcomes, and socioeconomic measure
➔ Managed by I PROMOTE-IL

Maternal and Infant Health Mapping Tool: https://mchb.hrsa.gov/data-research/mapping-tool

➔ National mapping tool to find county-level information on a variety of maternal and infant health indicators
➔ Managed by Health Resources and Services Administration (HRSA)

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