

Use Case:

Public Health Disease Alerting

Overview:

DC Health aims to gather comprehensive data on maternal health outcomes, including risk factors, incidence rates of severe maternal morbidity. By analyzing this data, we intend to identify trends, disparities and areas for improvement in maternal healthcare services and interventions. Insights gained from the CRISP data will enable us to develop targeted strategies to enhance maternal health outcomes, reduce the occurrence of severe maternal morbidity and ensure equitable access to quality maternal healthcare.

Requesting Stakeholder:

DC Health

Source(s) of Data:

CRISP

Display Method and Location:

DC Health to receive identified, individualized data from CRISP on an ongoing basis (monthly) with demographic and medical information on mothers who have had an SMM (as defined by CDC diagnosis and procedure codes), along with any healthcare utilization data for the time periods before pregnancy (1-year pre-pregnancy including lab results, BMI, comorbidities, and risk factors like smoking) during pregnancy (lab results related to gestational diabetes/hypertension, prenatal care visits, risk factors like smoking), and after pregnancy (mental health for these SMM cases). DC Health will then link this to birth and mortality data for a full picture of the pre, during, and postnatal period of pregnancy.