Spontaneous abortion leading causes:
- Preterm birth
- Low-weight birth (LWB)
- Congenital malformations
- Intrauterine growth retardation (IUGR)
- Stillbirth
- Small-for gestational age

Infant mortality (neo-postnatal): Leading causes
- Preterm birth
- Intrauterine growth retardation (IUGR)
- Congenital malformations

Socioeconomic characteristics:
- Education level
- Unemployment
- Median income

Noise exposure socio-economically dependant

Occupation category:
- Work conditions
- Chemical exposure

Physiological disruption:
- Cardio-vascular disruptions
- Hypertension
- Blood pressure

Sleep disorders:
- Insomnia
- Sleep duration
- Poor sleep quality

Metabolic disorders:
- Obesity
- Body Mass Index (BMI)
- Diabetes

Mental disruption:
- Emotional reactions
- Annoyance
- Negative affectivity
- Anxiety

Neuroendocrine mechanism of maternal stress
- Inflammatory cytokines
- Catecholamine + cortisol
- Cortico Releasing Hormones

Feto-maternal exchange:
- Oxygenation: Fetal asphyxia

Fetal development and birth:
- Fetal nutrition
- Fetal growth

Unhealthy behaviors:
- Smoking and alcohol consumption
- Poor maternal nutrition
- Self-medication
- Exercise, walking