



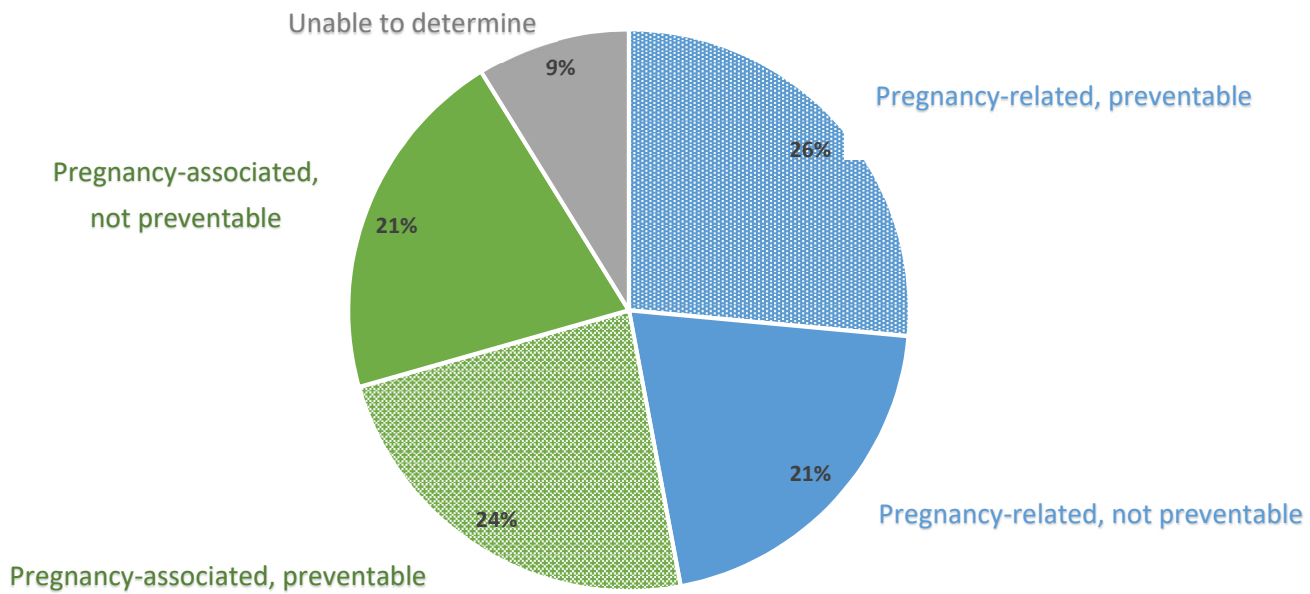
STATE OF DELAWARE Child Death Review Commission (CDRC)

Delaware MMR Data: Summary 2011-2018

Quick statistics

34 cases reviewed since inception in 2011

- Represent maternal deaths, irrespective of cause, during pregnancy and up to 1 year postpartum
- 9 cases picked up by vital statistics linkage were not reviewed because the death occurred > 2 years' prior
- 2 cases were internally reviewed due to pending legislation in homicide cases
- 47% of cases reviewed were pregnancy-related
- 44% were pregnancy-associated
- Just over half of all cases, 53%, were considered preventable.



- The pregnancy-related mortality ratio in Delaware is 18 per 100,000 live births for 2009-2016 and is on par with the national ratio as reported by the CDC.¹

¹This includes a review of the death certificate information for the 9 cases not fully reviewed by the MMR, one of which had a likely pregnancy-related cause of death.

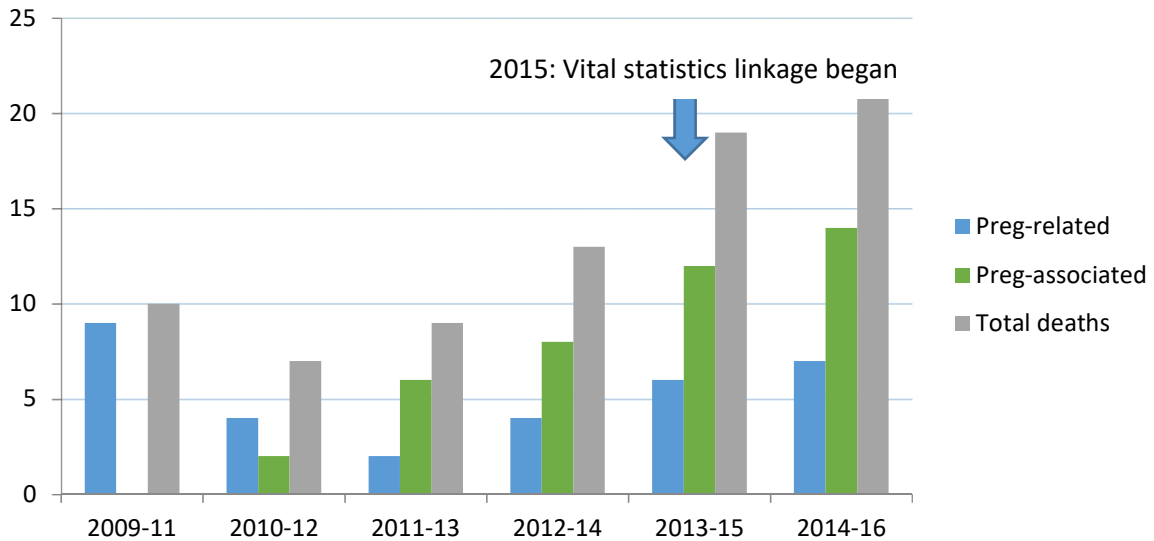
Maternal race

| | All maternal deaths (n=34) | Pregnancy-related deaths (n=16) |
|-------|----------------------------|---------------------------------|
| White | 50% | 44% |
| Black | 38% | 50% |
| Other | 12% | 6% |

- A higher proportion of pregnancy-related deaths involved Black mothers.

Pregnancy-relation

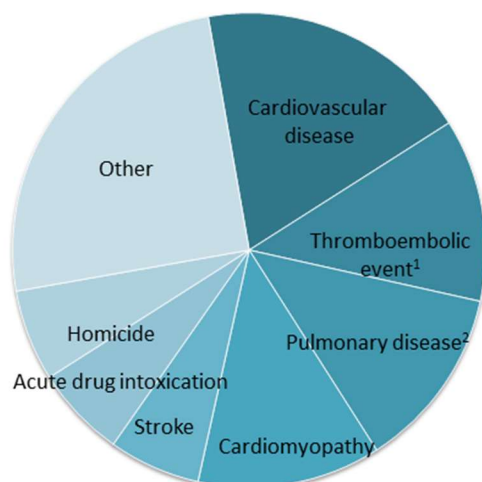
Number of pregnancy-related and –associated deaths by year of death (3-year averages)



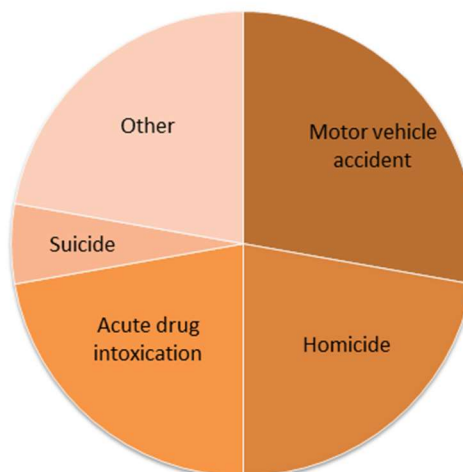
- There have been an increasing number of pregnancy-associated deaths picked up over time.

Underlying causes of maternal death 2009-2017

**Pregnancy-related deaths
(n=16)**



Pregnancy-associated deaths (n=18)*



*Includes 3 deaths that where pregnancy association could not be determined

¹Includes one deep venous thrombosis and one pulmonary embolism

²Includes one pneumonia and one Adult Respiratory Distress Syndrome

Other causes of pregnancy-related deaths include: diabetes, sepsis, lupus, cardiopulmonary arrest during an emergent C-section of unclear etiology

Other causes of pregnancy-associated deaths include: sepsis, pulmonary embolism, cancer and intracranial hemorrhage

Key issues:

- 18% of cases (6 out of 34) involved IPV.
 - Of the 5 homicides, three were a result of IPV.
- Mental health issues were identified in 32% (11 out of 34 cases).
- Substance use disorder was identified in 32% (11 out of 34 cases).