



- An **early neonatal death** is the death of a live born baby occurring within 7 completed days of birth.
- A **late neonatal death** is the death of a live born baby occurring after the 7th day and within 28 completed days of birth.

 The early neonatal date rate was **1.80 per 1,000 total births**

 The late neonatal date rate was **0.5 per 1,000 total births**

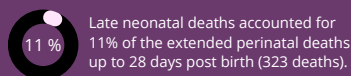
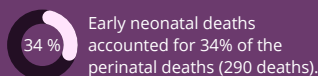
 **54,665** Total Births

 **131** Total Neonatal Deaths

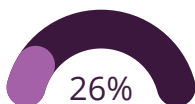
 **98** Early Neonatal Deaths

 **33** Late Neonatal Deaths

\*One additional late neonatal death did not meet the birthweight or gestational age criteria.



## Investigations to determine the cause of death

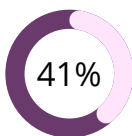


An **autopsy** was undertaken following 26% of early neonatal deaths.

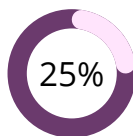


**Placental histology** examinations were conducted for 90% of early neonatal deaths.

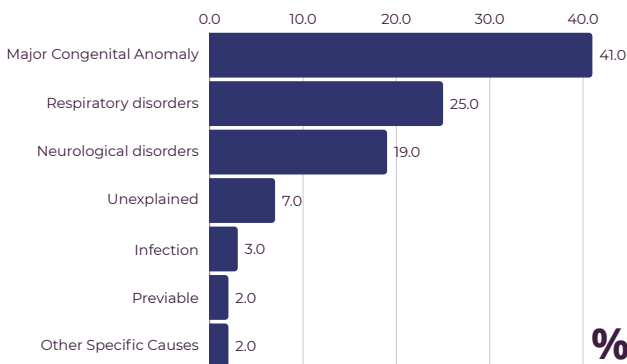
## Cause of death in early neonatal deaths



**Major congenital anomalies** were the most common cause of death in early neonatal deaths in 2022.



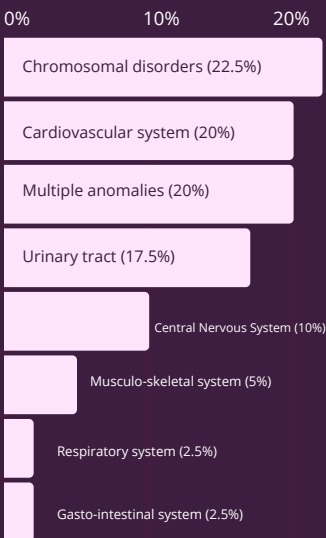
**Respiratory disorders** were the second most common cause of death in early neonatal deaths in 2022.



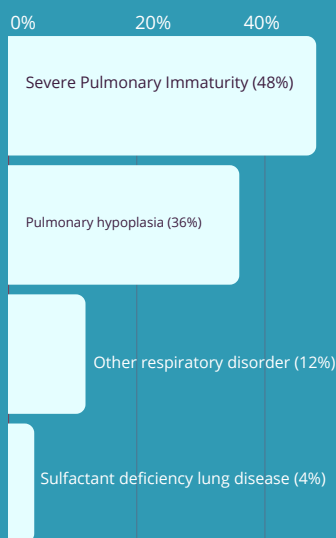


### Cause of death in early neonatal deaths

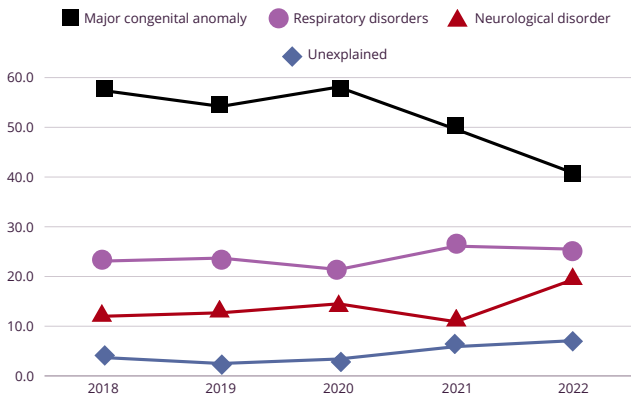
#### Major Congenital Anomalies



#### Respiratory disorders



### Cause of death in early neonatal deaths: trends over the years



Approximately 60% of early neonatal death occurred within 24 hours of life.

10

early neonatal deaths were associated with intrapartum events in 2022.

#### Early neonatal deaths with a birthweight <500g and a gestational age at delivery <24 weeks



35 babies

died with a birthweight of under 500 grammes or a gestational age at delivery of less than 24 weeks in 2022.



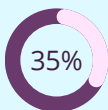
94% of early neonatal deaths were delivered between the 20 and 22 weeks of gestation.



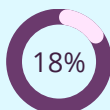
The most common cause of death for these small babies was pre-viability.



### Cause of death in late neonatal deaths



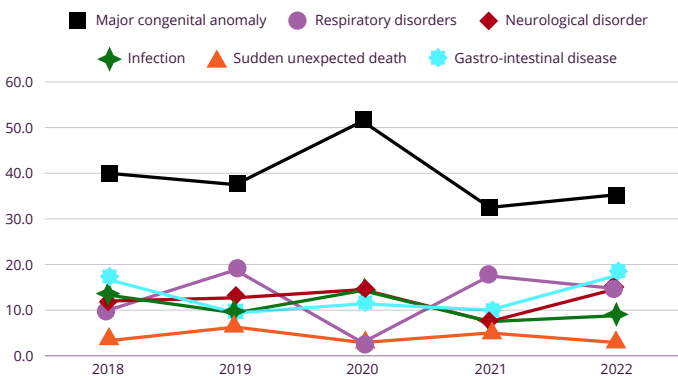
**Major congenital anomalies** were the most common cause of death in late neonatal deaths in 2022.



**Gastro-intestinal disease** was the second most common cause of death in late neonatal deaths in 2022.

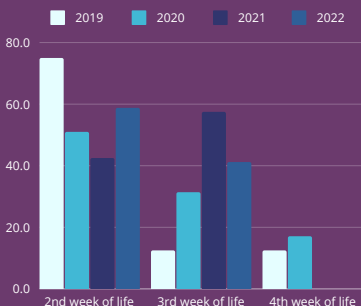


### Cause of death in late neonatal deaths: trends over the years



### Timing of death

In line with previous reports, the proportion of late neonatal deaths was found to decrease across the second and the third weeks of life in 2022.



68% of late neonatal deaths had a **birthweight** of less than 2,500 grammes.



56% of babies were born between **22-27 weeks** of gestation.



41% of babies were **small** for their gestational age



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