Neonatal deaths in Ireland



%

• 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. 54,665 Total Births The early neonatal date rate was 1.80 per 1,000 total births 131 **Total Neonatal Deaths** The late neonatal date rate 98 **Early Neonatal Deaths** was 0.5 per 1,000 total births 33 Late Neonatal Deaths *One additional late neonatal death did i birthweight or gestational age criteria. Early neonatal deaths Late neonatal deaths accounted for 11% of the extended perinatal deaths accounted for 34% of the up to 28 days post birth (323 deaths). perinatal deaths (290 deaths). Investigations to determine the cause of death 26% 90% An autopsy was undertaken following Placental histology examinations were 26% of early neonatal deaths. conducted for 90% of early neonatal deaths. Cause of death in early neonatal deaths Major congenital anomalies were Respiratory disorders were the the most common cause of death in second most common cause of death early neonatal deaths in 2022. in early neonatal deaths in 2022. 10.0 40.0 20.0 30.0 Major Congenital Anomaly 41.0 Respiratory disorders 25.0 Neurological disorders 190 Unexplained 7.0 3.0 Infection Previable 20

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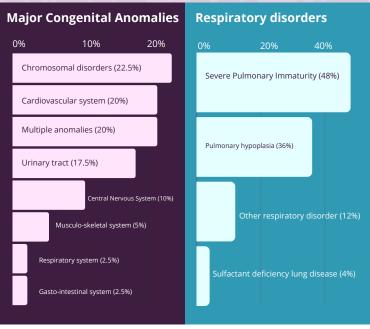
Other Specific Causes

Neonatal deaths in Ireland

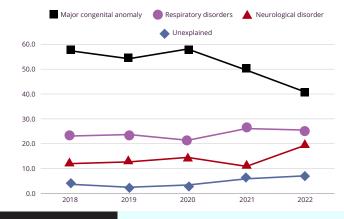
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Cause of death in early neonatal deaths



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



Approximately 60% of early 60%

neonatal death occurred within 24 hours of life.

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



died with a birthweight of under 500 grammes or 35 a gestational age at delivery of less than 24 weeks babies in 2022.



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

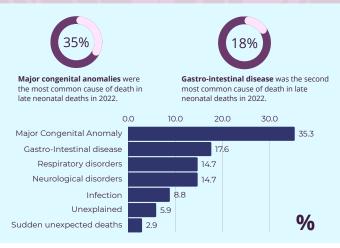


The most common cause of death for these small babies was pre-viability.

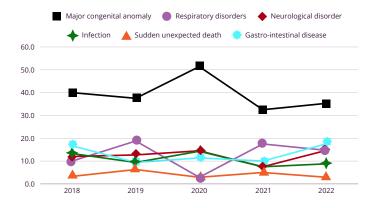
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Cause of death in late neonatal deaths

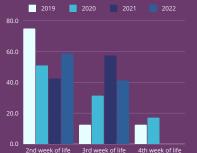


Cause of death in late neonatal deaths: trends over the years



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 2.500grammes.



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



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







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