

Perinatal mortality appended tables

Table 3.41: Perinatal related death and perinatal death classification (PSANZ-PDC) 2008–2017

| Perinatal death classification (PSANZ-PDC) | 2008–2012 | | 2013–2017 | |
|--|-----------|------|-----------|------|
| | n=3,476 | | n=3,038 | |
| | n | Rate | n | Rate |
| Congenital abnormality | | | | |
| 1.1 Central nervous system | 189 | 0.59 | 159 | 0.53 |
| 1.2 Cardiovascular system | 133 | 0.41 | 126 | 0.42 |
| 1.3 Urinary system | 70 | 0.22 | 59 | 0.20 |
| 1.4 Gastrointestinal system | 18 | 0.06 | 17 | 0.06 |
| 1.5 Chromosomal | 301 | 0.93 | 266 | 0.88 |
| 1.6 Metabolic | 14 | 0.04 | 11 | 0.04 |
| 1.7 Multiple/Non-chromosomal syndromes | 124 | 0.38 | 100 | 0.33 |
| 1.8 Other congenital abnormality | | | | |
| 1.81 Musculoskeletal | 45 | 0.14 | 50 | 0.17 |
| 1.82 Respiratory | 5 | 0.02 | 4 | 0.01 |
| 1.83 Diaphragmatic hernia | 30 | 0.09 | 14 | 0.05 |
| 1.84 Haematological | 6 | 0.02 | 3 | 0.01 |
| 1.85 Tumours | 11 | 0.03 | 7 | 0.02 |
| 1.88 Other specified congenital abnormality | 16 | 0.05 | 10 | 0.03 |
| 1.9 Unspecified congenital abnormality | 20 | 0.06 | 12 | 0.04 |
| Perinatal infection | | | | |
| 2.1 Bacterial | | | | |
| 2.11 Group B <i>Streptococcus</i> | 23 | 0.07 | 26 | 0.09 |
| 2.12 <i>E. coli</i> | 12 | 0.04 | 10 | 0.03 |
| 2.13 <i>Listeria monocytogenes</i> | 7 | 0.02 | 10 | 0.03 |
| 2.14 Spirochaetal (eg, syphilis) | <3 | s | 3 | 0.01 |
| 2.18 Other bacterial | 13 | 0.04 | 22 | 0.07 |
| 2.19 Unspecified bacterial | 11 | 0.03 | 16 | 0.05 |
| 2.2 Viral | | | | |
| 2.21 <i>Cytomegalovirus</i> | 23 | 0.07 | 12 | 0.04 |
| 2.22 Parvovirus | 9 | 0.03 | 3 | 0.01 |
| 2.23 Herpes simplex virus | 3 | 0.01 | 3 | 0.01 |
| 2.28 Other viral | <3 | s | - | - |
| 2.29 Unspecified viral | <3 | s | - | - |
| 2.3 Protozoal (eg, Toxoplasma) | 7 | 0.02 | 5 | 0.02 |
| 2.5 Fungal | - | - | <3 | s |
| 2.8 Other specified organism | <3 | s | - | - |
| 2.9 Other unspecified organism | 9 | 0.03 | 9 | 0.03 |
| Hypertension | | | | |
| 3.1 Chronic hypertension: essential | 9 | 0.03 | 10 | 0.03 |
| 3.2 Chronic hypertension: secondary (eg, renal disease) | 5 | 0.02 | <3 | s |
| 3.3 Chronic hypertension: unspecified | 4 | 0.01 | <3 | s |
| 3.4 Gestational hypertension | 10 | 0.03 | 4 | 0.01 |
| 3.5 Pre-eclampsia | 63 | 0.20 | 37 | 0.12 |
| 3.51 Pre-eclampsia: With laboratory evidence of thrombophilia | 4 | 0.01 | 4 | 0.01 |
| 3.6 Pre-eclampsia superimposed on chronic hypertension | 16 | 0.05 | 7 | 0.02 |
| 3.61 Pre-eclampsia superimposed on chronic hypertension: With laboratory evidence of thrombophilia | 3 | 0.01 | - | - |
| 3.9 Unspecified hypertension | 4 | 0.01 | 3 | 0.01 |
| Antepartum haemorrhage (APH) | | | | |
| 4.1 Placental abruption | 188 | 0.58 | 129 | 0.43 |
| 4.11 Placental abruption: With laboratory evidence of thrombophilia | 16 | 0.05 | 4 | 0.01 |

| | | | | | |
|---------------------------------------|--|-----|------|-----|------|
| 4.2 | Placenta praevia | 10 | 0.03 | 9 | 0.03 |
| 4.3 | Vasa praevia | 3 | 0.01 | <3 | s |
| 4.8 | Other APH | 40 | 0.12 | 115 | 0.38 |
| 4.9 | APH of undetermined origin | 104 | 0.32 | 114 | 0.38 |
| Maternal conditions | | | | | |
| 5.1 | Termination of pregnancy for maternal psychosocial indications | 19 | 0.06 | 23 | 0.08 |
| 5.2 | Diabetes/Gestational diabetes | 62 | 0.19 | 58 | 0.19 |
| 5.3 | Maternal injury | - | - | <3 | s |
| 5.31 | Maternal injury: Accidental | 6 | 0.02 | 17 | 0.06 |
| 5.32 | Maternal injury: Non-accidental | 5 | 0.02 | 5 | 0.02 |
| 5.4 | Maternal sepsis | 8 | 0.02 | 14 | 0.05 |
| 5.5 | Antiphospholipid syndrome | 15 | 0.05 | 11 | 0.04 |
| 5.51 | Other maternal thrombophilia (if considered cause of death) | 3 | 0.01 | <3 | s |
| 5.6 | Obstetric cholestasis | - | - | 3 | 0.01 |
| 5.8 | Other specified maternal conditions | 37 | 0.11 | 34 | 0.11 |
| Specific perinatal conditions | | | | | |
| 6.1 | Twin–twin transfusion | 110 | 0.34 | 73 | 0.24 |
| 6.2 | Fetomaternal haemorrhage | 45 | 0.14 | 34 | 0.11 |
| 6.3 | Antepartum cord complications (eg, cord haemorrhage; true knot with evidence of occlusion) | 12 | 0.04 | - | - |
| 6.31 | Cord haemorrhage | 6 | 0.02 | 7 | 0.02 |
| 6.32 | True knot with evidence of occlusion | 13 | 0.04 | 13 | 0.04 |
| 6.38 | Other | 42 | 0.13 | 36 | 0.12 |
| 6.4 | Uterine abnormalities (eg, bicornuate uterus, cervical incompetence) | 61 | 0.19 | 65 | 0.22 |
| 6.5 | Birth trauma (typically infants of >24 weeks' gestation or >600g birthweight) | <3 | s | - | - |
| 6.6 | Alloimmune disease | | | | |
| 6.61 | Alloimmune disease: Rhesus | <3 | s | <3 | s |
| 6.64 | Alloimmune disease: Alloimmune thrombocytopenia | 3 | 0.01 | 3 | 0.01 |
| 6.63 | Alloimmune disease: Kell | - | - | <3 | s |
| 6.68 | Alloimmune disease: Other | - | - | <3 | s |
| 6.7 | Idiopathic hydrops | 20 | 0.06 | 20 | 0.07 |
| 6.8 | Other specific perinatal conditions (includes iatrogenic conditions such as rupture of membranes after amniocentesis, termination of pregnancy for suspected but unconfirmed congenital abnormality) | | | | |
| 6.81 | Rupture of membranes after amniocentesis | 8 | 0.02 | 4 | 0.01 |
| 6.82 | Termination of pregnancy for suspected but unconfirmed congenital abnormality | - | - | 4 | 0.01 |
| 6.83 | Fetal subdural haematoma | 4 | 0.01 | 4 | 0.01 |
| 6.88 | Other | 33 | 0.10 | 57 | 0.19 |
| 6.89 | Unspecified | - | - | <3 | s |
| Hypoxic peripartum death | | | | | |
| 7.1 | With intrapartum complications | | | | |
| 7.11 | With intrapartum complications: Uterine rupture | 6 | 0.02 | 5 | 0.02 |
| 7.12 | With intrapartum complications: Cord prolapse | 13 | 0.04 | 6 | 0.02 |
| 7.13 | With intrapartum complications: Shoulder dystocia | 3 | 0.01 | - | - |
| 7.18 | With intrapartum complications: Other | 14 | 0.04 | 6 | 0.02 |
| 7.2 | Evidence of non-reassuring fetal status in a normally grown infant (eg, abnormal fetal heart rate, fetal scalp pH/lactate, fetal pulse oximetry without intrapartum complications) | 51 | 0.16 | 39 | 0.13 |
| 7.3 | No intrapartum complications and no evidence of non-reassuring fetal status | 7 | 0.02 | 10 | 0.03 |
| 7.9 | Unspecified hypoxic peripartum death | 28 | 0.09 | 5 | 0.02 |
| Fetal growth restriction (FGR) | | | | | |
| 8.1 | With evidence of reduced vascular perfusion on Doppler studies and/or placental histopathology (eg, significant infarction, acute atherosclerosis, maternal and/or fetal vascular thrombosis or maternal floor infarction) | 161 | 0.50 | 129 | 0.43 |
| 8.2 | With chronic villitis | <3 | s | 10 | 0.03 |
| 8.3 | No placental pathology | 25 | 0.08 | 7 | 0.02 |
| 8.4 | No examination of placenta | 15 | 0.05 | 12 | 0.04 |
| 8.8 | Other specified placental pathology | 51 | 0.16 | 38 | 0.13 |

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| | | | | | |
|-------------------------------------|--|-----|------|-----|------|
| 8.9 | Unspecified or not known whether placenta examined | <3 | s | <3 | s |
| Spontaneous preterm | | | | | |
| 9.1 | Spontaneous preterm with intact membranes, or membrane rupture <24 hours before delivery | - | - | <3 | s |
| 9.11 | Spontaneous preterm with intact membranes, or membrane rupture <24 hours before delivery: With chorioamnionitis | 112 | 0.35 | 113 | 0.38 |
| 9.12 | Spontaneous preterm with intact membranes, or membrane rupture <24 hours before delivery: Without chorioamnionitis | 61 | 0.19 | 36 | 0.12 |
| 9.13 | Spontaneous preterm with intact membranes, or membrane rupture <24 hours before delivery: No examination of placenta | 7 | 0.02 | 11 | 0.04 |
| 9.17 | No clinical signs of chorioamnionitis, no examination of placenta | 59 | 0.18 | 44 | 0.15 |
| 9.19 | Spontaneous preterm with intact membranes, or membrane rupture <24 hours before delivery: Unspecified or not known whether placenta examined | 33 | 0.10 | 5 | 0.02 |
| 9.2 | Spontaneous preterm with membrane rupture ≥24 hours before delivery | | | | |
| 9.21 | Spontaneous preterm with membrane rupture ≥24 hours before delivery: With chorioamnionitis | 130 | 0.40 | 121 | 0.40 |
| 9.22 | Spontaneous preterm with membrane rupture ≥24 hours before delivery: Without chorioamnionitis | 19 | 0.06 | 10 | 0.03 |
| 9.23 | Spontaneous preterm with membrane rupture ≥24 hours before delivery: With clinical evidence of chorioamnionitis, no examination of placenta | 21 | 0.07 | 12 | 0.04 |
| 9.27 | No clinical signs of chorioamnionitis, no examination of placenta | 20 | 0.06 | 25 | 0.08 |
| 9.29 | Spontaneous preterm with membrane rupture ≥24 hours before delivery: Unspecified or not known whether placenta examined | 11 | 0.03 | 3 | 0.01 |
| 9.3 | Spontaneous preterm with membrane rupture of unknown duration before delivery | | | | |
| 9.31 | Spontaneous preterm with membrane rupture of unknown duration before delivery: With chorioamnionitis | 8 | 0.02 | 11 | 0.04 |
| 9.32 | Spontaneous preterm with membrane rupture of unknown duration before delivery: Without chorioamnionitis | 3 | 0.01 | 4 | 0.01 |
| 9.33 | Spontaneous preterm with membrane rupture of unknown duration before delivery: With clinical evidence of chorioamnionitis, no examination of placenta | 4 | 0.01 | - | - |
| 9.37 | No clinical signs of chorioamnionitis, no examination of placenta | 5 | 0.02 | <3 | s |
| 9.39 | Spontaneous preterm with membrane rupture of unknown duration before delivery: Unspecified or not known whether placenta examined | 11 | 0.03 | <3 | s |
| Unexplained antepartum death | | | | | |
| 10.1 | With evidence of reduced vascular perfusion on Doppler studies and/or placental histopathology (eg, significant infarction, acute atherosclerosis, maternal and/or fetal vascular thrombosis or maternal floor infarction) | 65 | 0.20 | 34 | 0.11 |
| 10.2 | With chronic villitis | 6 | 0.02 | 10 | 0.03 |
| 10.3 | No placental pathology | 114 | 0.35 | 110 | 0.37 |
| 10.4 | No examination of placenta | 92 | 0.29 | 75 | 0.25 |
| 10.8 | Other specified placental pathology | 161 | 0.50 | 211 | 0.70 |
| 10.9 | Unspecified or not known whether placenta examined | 16 | 0.05 | <3 | s |
| No obstetric antecedent | | | | | |
| 11.1 | Sudden infant death syndrome (SIDS) | | | | |
| 11.11 | SIDS Category IA: Classic features of SIDS present, completely documented | - | - | <3 | s |
| 11.13 | SIDS Category II: Infant deaths that meet Category I except for one or more features | <3 | s | - | - |
| 11.2 | Postnatally acquired infection | 10 | 0.03 | 5 | 0.02 |
| 11.3 | Accidental asphyxiation | - | - | <3 | s |
| 11.4 | Other accident, poisoning or violence (postnatal) | 3 | 0.01 | - | - |
| 11.8 | Other specified | 3 | 0.01 | 4 | 0.01 |
| 11.9 | Unknown/Unclassified | 3 | 0.01 | <3 | s |
| 11.91 | Unclassified sudden infant death | 22 | 0.07 | 21 | 0.07 |
| 11.92 | Other Unknown/Unclassified | <3 | s | <3 | s |

Sources: Numerator: PMMRC's perinatal data extract 2008–2017; Denominator: MAT births 2008–2017.

Table 3.42: Neonatal death and primary neonatal death classification (PSANZ-NDC) 2008–2017

| Neonatal death classification (PSANZ-NDC) | 2008–2012 | | 2013–2017 | |
|--|-----------|------|-----------|-------|
| | n | Rate | n | Rate |
| | | | n=912 | n=824 |
| Congenital abnormality | | | | |
| 1.1 Central nervous system | 23 | 0.07 | 18 | 0.06 |
| 1.2 Cardiovascular system | 34 | 0.11 | 30 | 0.10 |
| 1.3 Urinary system | 26 | 0.08 | 15 | 0.05 |
| 1.4 Gastrointestinal system | 4 | 0.01 | 6 | 0.02 |
| 1.5 Chromosomal | 52 | 0.16 | 45 | 0.15 |
| 1.6 Metabolic | 13 | 0.04 | 12 | 0.04 |
| 1.7 Multiple/Non-chromosomal syndromes | 30 | 0.09 | 32 | 0.11 |
| 1.8 Other congenital abnormality | | | | |
| 1.81 Musculoskeletal | 6 | 0.02 | 10 | 0.03 |
| 1.82 Respiratory | 4 | 0.01 | <3 | s |
| 1.83 Diaphragmatic hernia | 21 | 0.07 | 8 | 0.03 |
| 1.84 Haematological | <3 | s | <3 | s |
| 1.85 Tumours | <3 | s | 4 | 0.01 |
| 1.88 Other specified congenital abnormality | 4 | 0.01 | 5 | 0.02 |
| 1.9 Unspecified congenital abnormality | - | - | <3 | s |
| Extreme prematurity | | | | |
| 2.1 Not resuscitated | 261 | 0.81 | 281 | 0.94 |
| 2.2 Unsuccessful resuscitation | 54 | 0.17 | 24 | 0.08 |
| 2.9 Unspecified or not known whether resuscitation attempted | - | - | - | - |
| Cardio-respiratory disorders | | | | |
| 3.1 Hyaline membrane disease/Respiratory distress syndrome (RDS) | 28 | 0.09 | 24 | 0.08 |
| 3.2 Meconium aspiration syndrome | - | - | 2 | 0.01 |
| 3.3 Primary persistent pulmonary hypertension | 3 | 0.01 | 4 | 0.01 |
| 3.4 Pulmonary hypoplasia | 15 | 0.05 | 19 | 0.06 |
| 3.5 Chronic neonatal lung disease (typically, bronchopulmonary dysplasia) | 5 | 0.02 | - | - |
| 3.6 Pulmonary haemorrhage | 9 | 0.03 | 5 | 0.02 |
| 3.7 Pneumothorax | - | - | <3 | s |
| 3.8 Other | 5 | 0.02 | 10 | 0.03 |
| Infection | | | | |
| 4.1 Bacterial | | | | |
| 4.11 Congenital bacterial | | | | |
| 4.111 Congenital bacterial: Group B <i>Streptococcus</i> | 14 | 0.04 | 10 | 0.03 |
| 4.112 Congenital bacterial: <i>E. coli</i> | 9 | 0.03 | 8 | 0.03 |
| 4.113 Congenital bacterial: <i>Listeria monocytogenes</i> | <3 | s | 3 | 0.01 |
| 4.114 Congenital bacterial: Spirochaetal (eg, syphilis) | - | - | <3 | s |
| 4.118 Congenital bacterial: Other bacterial | 9 | 0.03 | 6 | 0.02 |
| 4.119 Congenital bacterial: Unspecified bacterial | 6 | 0.02 | 8 | 0.03 |
| 4.12 Acquired bacterial | | | | |
| 4.121 Acquired bacterial: Group B <i>Streptococcus</i> | 4 | 0.01 | <3 | s |
| 4.122 Acquired bacterial: <i>E. coli</i> | 4 | 0.01 | - | - |
| 4.125 Acquired bacterial: Other Gram negative bacilli (other than <i>E. coli</i>) | 3 | 0.01 | <3 | s |
| 4.126 Acquired bacterial: <i>Staphylococcus aureus</i> | 4 | 0.01 | 6 | 0.02 |
| 4.127 Acquired bacterial: Coagulase negative <i>Staphylococcus</i> | 3 | 0.01 | <3 | s |
| 4.128 Acquired bacterial: Other specified bacterial | 7 | 0.02 | 3 | 0.01 |
| 4.129 Acquired bacterial: Unspecified bacterial | <3 | s | <3 | s |
| 4.2 Viral | | | | |
| 4.21 Congenital viral | | | | |
| 4.211 Congenital viral: <i>Cytomegalovirus</i> | 3 | 0.01 | <3 | s |
| 4.213 Congenital viral: Herpes simplex virus | <3 | s | 3 | 0.01 |
| 4.218 Congenital viral: Other specified viral | <3 | s | - | - |
| 4.22 Acquired viral | | | | |
| 4.223 Acquired viral: Herpes simplex virus | <3 | s | <3 | s |
| 4.228 Acquired viral: Other specified viral | 3 | 0.01 | <3 | s |

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| | | | | | |
|-------------------------|--|-----|------|----|------|
| 4.229 | Acquired viral: Unspecified viral | <3 | s | - | - |
| 4.5 | Fungal | - | - | 3 | 0.01 |
| 4.9 | Unspecified organism | 7 | 0.02 | <3 | s |
| Neurological | | | | | |
| 5.1 | Hypoxic ischaemic encephalopathy/Perinatal asphyxia (typically infants of >24 weeks' gestation or >600g birthweight) | 117 | 0.37 | 77 | 0.26 |
| 5.2 | Intracranial haemorrhage | | | | |
| 5.21 | Intraventricular haemorrhage | 24 | 0.07 | 43 | 0.14 |
| 5.22 | Subgaleal haemorrhage | <3 | s | - | - |
| 5.23 | Subarachnoid haemorrhage | <3 | s | - | - |
| 5.24 | Subdural haemorrhage | <3 | s | <3 | s |
| 5.28 | Other intracranial haemorrhage | <3 | s | 4 | 0.01 |
| 5.8 | Other | 3 | 0.01 | - | - |
| Gastrointestinal | | | | | |
| 6.1 | Necrotising enterocolitis | 15 | 0.05 | 14 | 0.05 |
| 6.8 | Other | 3 | 0.01 | <3 | s |
| Other | | | | | |
| 7.1 | Sudden infant death syndrome (SIDS) | | | | |
| 7.11 | SIDS Category IA: Classic features of SIDS present and completely documented | - | - | <3 | s |
| 7.13 | SIDS Category II: Infant deaths that meet category I except for one or more features | <3 | s | - | - |
| 7.2 | Multisystem failure | | | | |
| 7.21 | Multisystem failure: Secondary to intrauterine growth restriction | 3 | 0.01 | 4 | 0.01 |
| 7.28 | Multisystem failure: Other specified | 4 | 0.01 | 9 | 0.03 |
| 7.29 | Multisystem failure: Unspecified/undetermined primary cause or trigger event | <3 | s | - | - |
| 7.3 | Trauma | - | - | <3 | s |
| 7.31 | Trauma: Accidental | 3 | 0.01 | 4 | 0.01 |
| 7.32 | Trauma: Non-accidental | <3 | s | - | - |
| 7.4 | Treatment complications | | | | |
| 7.41 | Treatment complications: Surgical | - | - | <3 | s |
| 7.42 | Treatment complications: Medical | <3 | s | <3 | s |
| 7.8 | Other specified | 8 | 0.02 | 9 | 0.03 |
| 7.9 | Unknown/Undetermined | | | | |
| 7.91 | Unclassified sudden infant death | <3 | s | 3 | 0.01 |
| 7.911 | Unclassified sudden infant death: Bed sharing | 29 | 0.09 | 24 | 0.08 |
| 7.912 | Unclassified sudden infant death: Not bed sharing | 4 | 0.01 | 3 | 0.01 |

Sources: Numerator: PMMRC's perinatal data extract, neonatal deaths only, 2008–2017; Denominator: MAT births excluding fetal deaths 2008–2017.

Table 3.43: Perinatal death classification (PSANZ-PDC) of fetal death by gestational age 2013–2017

| Perinatal death classification (PSANZ-PDC) | Total | Gestation age (weeks) | | | | | | | | | | | | | |
|--|--------------|-----------------------|-------------|------------|-------------|------------|------------|------------|------------|------------|-------------|------------|-------------|-----------|------------|
| | | 20–22 | | 23–24 | | 25–27 | | 28–31 | | 32–36 | | 37–40 | | ≥41 weeks | |
| | | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Congenital abnormality | 656 | 342 | 52.1 | 129 | 19.7 | 59 | 9.0 | 42 | 6.4 | 55 | 8.4 | 24 | 3.7 | 5 | 0.8 |
| Perinatal infection | 72 | 16 | 22.2 | 12 | 16.7 | 7 | 9.7 | 11 | 15.3 | 7 | 9.7 | 14 | 19.4 | 5 | 6.9 |
| Hypertension | 56 | 6 | 10.7 | 6 | 10.7 | 13 | 23.2 | 8 | 14.3 | 14 | 25.0 | 8 | 14.3 | <3 | x |
| Antepartum haemorrhage | 226 | 128 | 56.6 | 25 | 11.1 | 8 | 3.5 | 10 | 4.4 | 32 | 14.2 | 21 | 9.3 | <3 | x |
| Maternal conditions | 134 | 48 | 35.8 | 16 | 11.9 | 11 | 8.2 | 14 | 10.4 | 21 | 15.7 | 20 | 14.9 | 4 | 3.0 |
| Specific perinatal conditions | 249 | 63 | 25.3 | 34 | 13.7 | 25 | 10.0 | 27 | 10.8 | 45 | 18.1 | 49 | 19.7 | 6 | 2.4 |
| Hypoxic peripartum death | 27 | - | - | - | - | - | - | - | - | <3 | x | 20 | 74.1 | 6 | 22.2 |
| Fetal growth restriction | 184 | 17 | 9.2 | 19 | 10.3 | 39 | 21.2 | 32 | 17.4 | 37 | 20.1 | 33 | 17.9 | 7 | 3.8 |
| Spontaneous preterm | 168 | 129 | 76.8 | 26 | 15.5 | 3 | 1.8 | 5 | 3.0 | 5 | 3.0 | - | - | - | - |
| Unexplained antepartum death | 442 | 85 | 19.2 | 25 | 5.7 | 35 | 7.9 | 29 | 6.6 | 79 | 17.9 | 167 | 37.8 | 22 | 5.0 |
| No obstetric antecedent | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | 2,214 | 834 | 37.7 | 292 | 13.2 | 200 | 9.0 | 178 | 8.0 | 296 | 13.4 | 356 | 16.1 | 58 | 2.6 |

'x' indicates percentage suppressed due to small numbers.

Source: PMMRC's perinatal data extract, fetal deaths only, 2013–2017.

Table 3.44: Perinatal death classification (PSANZ-PDC) and neonatal death classification (PSANZ-NDC) of neonatal deaths by gestational age 2013–2017

| Death classification (PSANZ) | Total | Gestation age (weeks) | | | | | | | | | | | | | |
|---|------------|-----------------------|-------------|------------|-------------|-----------|------------|-----------|------------|------------|-------------|------------|-------------|-----------|------------|
| | | 20–22 | | 23–24 | | 25–27 | | 28–31 | | 32–36 | | 37–40 | | ≥41 | |
| | | n | % | n | % | n | % | n | % | n | % | n | % | n | % |
| Perinatal death classification (PSANZ-PDC) | | | | | | | | | | | | | | | |
| Congenital abnormality | 182 | 7 | 3.8 | 1 | 0.5 | 5 | 2.7 | 16 | 8.8 | 61 | 33.5 | 79 | 43.4 | 13 | 7.1 |
| Perinatal infection | 48 | 12 | 25.0 | 4 | 8.3 | 5 | 10.4 | 3 | 6.3 | 4 | 8.3 | 15 | 31.3 | 5 | 10.4 |
| Hypertension | 13 | - | - | 5 | 38.5 | 5 | 38.5 | <3 | x | <3 | x | - | - | - | - |
| Antepartum haemorrhage | 147 | 79 | 53.7 | 39 | 26.5 | 17 | 11.6 | 4 | 2.7 | 7 | 4.8 | <3 | x | - | - |
| Maternal conditions | 33 | 9 | 27.3 | 4 | 12.1 | 3 | 9.1 | 3 | 9.1 | 9 | 27.3 | 5 | 15.2 | - | - |
| Specific perinatal conditions | 77 | 30 | 39.0 | 14 | 18.2 | 7 | 9.1 | 11 | 14.3 | 9 | 11.7 | 5 | 6.5 | <3 | x |
| Hypoxic peripartum death | 44 | - | - | - | - | - | - | <3 | x | <3 | x | 34 | 77.3 | 8 | 18.2 |
| Fetal growth restriction | 14 | - | - | - | - | <3 | x | 3 | 21.4 | <3 | x | 6 | 42.9 | <3 | x |
| Spontaneous preterm | 232 | 97 | 41.8 | 81 | 34.9 | 26 | 11.2 | 12 | 5.2 | 16 | 6.9 | - | - | - | - |
| Unexplained antepartum death | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| No obstetric antecedent | 34 | - | - | - | - | - | - | - | - | <3 | x | 26 | 76.5 | 6 | 17.6 |
| Neonatal death classification (PSANZ-NDC) | | | | | | | | | | | | | | | |
| Congenital abnormality | 188 | 7 | 3.7 | <3 | x | 3 | 1.6 | 16 | 8.5 | 66 | 35.1 | 82 | 43.6 | 13 | 6.9 |
| Extreme prematurity | 305 | 226 | 74.1 | 75 | 24.6 | 4 | 1.3 | - | - | - | - | - | - | - | - |
| Cardio-respiratory disorders | 65 | - | - | 26 | 40.0 | 16 | 24.6 | 12 | 18.5 | 6 | 9.2 | 4 | 6.2 | <3 | x |
| Infection | 63 | - | - | 8 | 12.7 | 18 | 28.6 | 4 | 6.3 | 9 | 14.3 | 19 | 30.2 | 5 | 7.9 |
| Neurological | 126 | - | - | 27 | 21.4 | 20 | 15.9 | 10 | 7.9 | 23 | 18.3 | 37 | 29.4 | 9 | 7.1 |
| Gastrointestinal | 15 | <3 | x | 3 | 20.0 | 7 | 46.7 | 4 | 26.7 | - | - | - | - | - | - |
| Other | 62 | - | - | 8 | 12.9 | <3 | x | 8 | 12.9 | 9 | 14.5 | 29 | 46.8 | 6 | 9.7 |
| Total | 824 | 234 | 28.4 | 148 | 18.0 | 70 | 8.5 | 54 | 6.6 | 113 | 13.7 | 171 | 20.8 | 34 | 4.1 |

'x' indicates percentage suppressed due to small numbers.

Source: PMMRC's perinatal data extract, neonatal deaths only, 2013–2017.