**SDC 1.** Co-morbidities recorded on death certificate of neonates with infection-related deaths in England and Wales between 2003 and 2005

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| --- | --- | --- | --- | --- |
| **Co-Morbidities** | **Term neonates** (138/280 (49%) had co-morbidities) | **Premature neonates** (77/129 (60%) had co-morbidities) | **Extremely premature** (219/359 (61%) had co-morbidities) | **All cases**  (434/768 (57%) had co-morbidities) |
| **Respiratory** | 25 (18%) | 26 (34%) | 89 (41%) | **140 (32%)** |
| **Neurological** | 7 (5%) | 10 (13%) | 49 (22%) | **66 (15%)** |
| **Gastrointestinal** | 17 (12%) | 10 (13%) | 33 (15%) | **60 (14%)** |
| **Cardiac** | 30 (22%) | 10 (13%) | 9 (4%) | **49 (11%)** |
| **Birth Asphyxia** | 26 (19%) | 6 (8%) | 2 (1%) | **34 (8%)** |
| **Congenital Malformation** | 19 (14%) | 4 (5%) | 5 (2%) | **28 (6%)** |
| **Renal** | 2 (1%) | 5 (6%) | 18 (8%) | **25 (6%)** |
| **Hematologic** | 5 (3%)  | 5 (6%) | 11 (5%) | **21 (5%)** |
| **Other** | 7 (5%) | 1 (1%) | 3 (1%) | **11 (3%)** |