

# **NATIONAL PAEDIATRIC MORTALITY REGISTER**

## **ANNUAL REPORT 2026**

### **APPENDICES**



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**APPENDIX 1: NATIONAL PAEDIATRIC MORTALITY REGISTER GOVERNANCE  
COMMITTEE MEMBERSHIP AND MEETING ATTENDANCE, 2025–2025**

| National Paediatric Mortality Register<br>Governance Committee Attendance in 2024/2025 |                        |              |              |              |              |              |              |              |              |
|----------------------------------------------------------------------------------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Representative                                                                         | Name                   | 07.03.<br>24 | 27.06.<br>24 | 19.09.<br>24 | 02.12.<br>24 | 27.03.<br>25 | 19.06.<br>25 | 25.09.<br>25 | 27.11.<br>25 |
| Chair                                                                                  | A Prof Michael Barrett | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            |
| Patient and Public Interest Representative                                             | Kate Burke             | x            | x            | ✓            | x            | x            | x            | x            | x            |
| HSE Dept. of Public Health Representative                                              | Dr Abigail Collins     | x            | ✓            | x            | x            | x            | x            | ✓            | x            |
| Coroner's Society of Ireland                                                           | Dr Myra Cullinane      | P            | x            | x            | x            | ✓            | x            | x            | x            |
| Paediatric Palliative Medicine                                                         | Dr Mary Devins         | x            | ✓            | ✓            | ✓            | x            | x            | x            | ✓            |
| CHI Nursing                                                                            | Annemarie Dowling      | x            | x            | x            | x            | x            | x            | ✓            | ✓            |
| General Practitioners                                                                  | Prof Tom Fahey         | x            | x            | x            | x            | ✓            | ✓            | x            | x            |
| Faculty of Paediatrics at RCPI                                                         | Dr Alan Finan          | ✓            | ✓            | x            | ✓            | x            | ✓            | ✓            | ✓            |
| Senior Accountable Healthcare Manager                                                  | Dr Allan Goldman       | n/a          | n/a          | n/a          | n/a          | n/a          | n/a          | n/a          | x            |
| Paediatric Emergency Medicine                                                          | Dr Angharad Griffiths  | n/a          | ✓            | ✓            | x            | x            | ✓            | x            | ✓            |
| Clinical Lead                                                                          | A Prof Martina Healy   | ✓            | x            | x            | ✓            | x            | x            | x            | ✓            |
| NPEC                                                                                   | Edel Manning           | n/a          | n/a          | n/a          | n/a          | n/a          | ✓            | ✓            | ✓            |
| Paediatric Pathology                                                                   | Dr Michael McDermott   | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            |
| Paediatric Palliative Medicine                                                         | Dr Fiona McElligott    | x            | ✓            | ✓            | x            | ✓            | x            | x            | ✓            |
| NOCA Paediatric Programme Manager                                                      | Dr Cliona McGarvey PhD | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            | ✓            |
| Regional Paediatrics                                                                   | Dr Orla Neylon         | x            | ✓            | ✓            | x            | x            | ✓            | ✓            | x            |

|                                                                                        |                      |     |     |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------|----------------------|-----|-----|---|---|---|---|---|---|
| Patient and Public Interest                                                            | Liz O'Donoghue       | n/a | n/a | ✓ | x | ✓ | ✓ | ✓ | x |
| Senior Accountable Healthcare Manager                                                  | Dr Ikechukwu Okafor  | x   | x   | x | x | x | R |   |   |
| General Paediatrics                                                                    | Dr Aisling O'Riordan | n/a | n/a | ✓ | x | x | ✓ | ✓ | ✓ |
| TCD Dept. of Statistics                                                                | Dr Myra O'Regan PhD  | x   | ✓   | x | x | x | x | x | ✓ |
|                                                                                        |                      |     |     |   |   |   |   |   |   |
| ✓ = Attended<br>P = Proxy<br>X = Did not attend<br>n/a = not applicable<br>R = Retired |                      |     |     |   |   |   |   |   |   |
|                                                                                        |                      |     |     |   |   |   |   |   |   |

## APPENDIX 2: FREQUENCY TABLES

**FIGURE 4.1:** ANNUAL TRENDS IN INFANT, POSTNEONATAL AND NEONATAL MORTALITY RATES IN IRELAND, 1990–2024

| Year | Live births | IMR (<1 year) |                    | Postneonatal mortality rate (29–364 days) |                    | Neonatal mortality rate (≤28 days) |                    |
|------|-------------|---------------|--------------------|-------------------------------------------|--------------------|------------------------------------|--------------------|
|      |             | N             | N/1000 live births | N                                         | N/1000 live births | N                                  | N/1000 live births |
| 1990 | 53 044      | 434           | 8.2                | 179                                       | 3.4                | 255                                | 4.8                |
| 1991 | 52 718      | 401           | 7.6                | 137                                       | 2.6                | 264                                | 5.0                |
| 1992 | 51 089      | 331           | 6.5                | 112                                       | 2.2                | 219                                | 4.3                |
| 1993 | 49 304      | 302           | 6.1                | 104                                       | 2.1                | 198                                | 4.0                |
| 1994 | 48 255      | 277           | 5.7                | 84                                        | 1.7                | 193                                | 4.0                |
| 1995 | 48 757      | 311           | 6.4                | 79                                        | 1.6                | 232                                | 4.8                |
| 1996 | 50 655      | 303           | 6.0                | 94                                        | 1.9                | 209                                | 4.1                |
| 1997 | 52 775      | 321           | 6.1                | 135                                       | 2.6                | 186                                | 3.5                |
| 1998 | 53 969      | 316           | 5.9                | 86                                        | 1.6                | 230                                | 4.3                |
| 1999 | 53 924      | 317           | 5.9                | 99                                        | 1.8                | 218                                | 4.0                |
| 2000 | 54 789      | 338           | 6.2                | 104                                       | 1.9                | 234                                | 4.3                |
| 2001 | 57 854      | 331           | 5.7                | 101                                       | 1.7                | 230                                | 4.0                |
| 2002 | 60 503      | 305           | 5.0                | 89                                        | 1.5                | 216                                | 3.6                |
| 2003 | 61 529      | 326           | 5.3                | 93                                        | 1.5                | 233                                | 3.8                |
| 2004 | 61 972      | 287           | 4.6                | 78                                        | 1.3                | 209                                | 3.4                |
| 2005 | 61 372      | 236           | 3.9                | 69                                        | 1.1                | 167                                | 2.7                |
| 2006 | 65 425      | 255           | 3.9                | 76                                        | 1.1                | 179                                | 2.7                |
| 2007 | 71 389      | 230           | 3.2                | 74                                        | 1.0                | 156                                | 2.2                |
| 2008 | 75 173      | 284           | 3.8                | 84                                        | 1.1                | 200                                | 2.7                |
| 2009 | 75 554      | 247           | 3.3                | 79                                        | 1.0                | 168                                | 2.2                |
| 2010 | 75 174      | 271           | 3.6                | 76                                        | 1.0                | 195                                | 2.6                |
| 2011 | 74 033      | 262           | 3.5                | 74                                        | 1.0                | 188                                | 2.5                |
| 2012 | 71 674      | 237           | 3.3                | 52                                        | 0.7                | 185                                | 2.6                |
| 2013 | 68 954      | 245           | 3.6                | 64                                        | 0.9                | 181                                | 2.6                |
| 2014 | 67 295      | 224           | 3.3                | 66                                        | 1.0                | 158                                | 2.3                |
| 2015 | 65 536      | 225           | 3.4                | 51                                        | 0.8                | 174                                | 2.6                |
| 2016 | 63 841      | 194           | 3.0                | 47                                        | 0.7                | 147                                | 2.3                |
| 2017 | 61 824      | 188           | 3.0                | 48                                        | 0.8                | 140                                | 2.3                |
| 2018 | 61 022      | 174           | 2.9                | 43                                        | 0.7                | 131                                | 2.1                |
| 2019 | 59 294      | 167           | 2.8                | 39                                        | 0.7                | 128                                | 2.2                |
| 2020 | 55959       | 178           | 3.2                | 44                                        | 0.8                | 134                                | 2.4                |
| 2021 | 60575       | 199           | 3.3                | 47                                        | 0.8                | 152                                | 2.5                |
| 2022 | 54483       | 188           | 3.5                | 51                                        | 0.9                | 137                                | 2.5                |
| 2023 | 54678       | 180           | 3.3                | 45                                        | 0.8                | 135                                | 2.5                |
| 2024 | 54062       | 197           | 3.6                | 54                                        | 1.0                | 143                                | 2.6                |

Figures 1990 to 2022 are revised occurrence data. Figures for 2023 and 2024 are provisional data based on year of registration.

**FIGURE 4.2** INFANT MORTALITY RATES IN EUROPEAN UNION COUNTRIES AND THE UNITED KINGDOM, 2023

| Country     | Rate per 1000 live births | Country        | Rate per 1000 live births |
|-------------|---------------------------|----------------|---------------------------|
| Türkiye     | 10.0                      | Switzerland    | 3.3                       |
| Moldova     | 10.0                      | Germany        | 3.2                       |
| Georgia     | 8.2                       | Belgium        | 3.1                       |
| Armenia     | 6.6                       | Hungary        | 3.0                       |
| Albania     | 6.1                       | Lithuania      | 2.8                       |
| Romania     | 5.6                       | Austria        | 2.8                       |
| Slovakia    | 5.6                       | Spain          | 2.6                       |
| Bulgaria    | 4.9                       | Latvia         | 2.6                       |
| Serbia      | 4.7                       | Portugal       | 2.5                       |
| Cyprus      | 4.5                       | Italy          | 2.5                       |
| Luxembourg  | 4.3                       | Iceland        | 2.3                       |
| France      | 4.0                       | Czechia        | 2.2                       |
| Croatia     | 3.9                       | Sweden         | 2.1                       |
| Poland      | 3.9                       | Norway         | 2.0                       |
| Malta       | 3.6                       | Slovenia       | 1.8                       |
| Netherlands | 3.6                       | Finland        | 1.8                       |
| Denmark     | 3.5                       | Estonia        | 1.7                       |
| Greece      | 3.4                       | United Kingdom | 3.9                       |
| Ireland     | 3.3                       | <b>EU-27</b>   | <b>3.3</b>                |

**FIGURE 4.3:** MAIN CAUSE OF DEATH CATEGORIES FOR POSTNEONATAL AGE GROUP (29–364 DAYS) IN IRELAND, 2019–2021 VERSUS 2022–2024 (N=276)

| Cause of death category                                          | 2019–2021 |       | 2022–2024 |       | 2019–2024 |       |
|------------------------------------------------------------------|-----------|-------|-----------|-------|-----------|-------|
|                                                                  | n         | %     | n         | %     | n         | %     |
| Congenital malformations and chromosomal abnormalities (Q00–Q96) | 53        | 40.8  | 45        | 30.8  | 98        | 35.5  |
| SIDS (R95)                                                       | 31        | 23.8  | 50        | 34.2  | 81        | 29.3  |
| Certain conditions originating in the perinatal period (P00–P96) | 24        | 18.5  | 23        | 15.8  | 47        | 17.0  |
| Diseases of the nervous system (G00–G99)                         | 6         | 4.6   | 8         | 5.5   | 14        | 5.1   |
| Diseases of the circulatory system (I00–I99)                     |           |       |           |       | 9         | 3.3   |
| Certain infectious and parasitic diseases (A00–B99)              |           |       |           |       | 10        | 3.6   |
| All other causes                                                 |           |       |           |       | 12        | 4.8   |
| Total                                                            | 130       | 100.0 | 146       | 100.0 | 421       | 100.0 |

CRUDE MORTALITY IN CHILDREN <1YR IN IRELAND (DATA BEHIND FIGURES 4.4A-D)

| Year | Livebirths (n) | Perinatal conditions |                            | Congenital malformations |                            | SIDS       |                            | Diseases of the Nervous system |                            |
|------|----------------|----------------------|----------------------------|--------------------------|----------------------------|------------|----------------------------|--------------------------------|----------------------------|
|      |                | Deaths (n)           | Deaths per 1000 livebirths | Deaths (n)               | Deaths per 1000 livebirths | Deaths (n) | Deaths per 1000 livebirths | Deaths (n)                     | Deaths per 1000 livebirths |
| 2008 | 75173          | 129                  | 1.72                       | 119                      | 1.58                       | 23         | 0.31                       | 6                              | 0.08                       |
| 2009 | 75554          | 101                  | 1.34                       | 113                      | 1.50                       | 15         | 0.20                       | 8                              | 0.11                       |
| 2010 | 75174          | 130                  | 1.73                       | 105                      | 1.40                       | 22         | 0.29                       | 9                              | 0.12                       |
| 2011 | 74033          | 102                  | 1.38                       | 116                      | 1.57                       | 20         | 0.27                       | 5                              | 0.07                       |
| 2012 | 71674          | 111                  | 1.55                       | 93                       | 1.30                       | 20         | 0.28                       | 4                              | 0.06                       |
| 2013 | 68954          | 105                  | 1.52                       | 111                      | 1.61                       | 20         | 0.29                       | 3                              | 0.04                       |
| 2014 | 67295          | 99                   | 1.47                       | 96                       | 1.43                       | 17         | 0.25                       | 2                              | 0.03                       |
| 2015 | 65536          | 103                  | 1.57                       | 100                      | 1.53                       | 14         | 0.21                       | 0                              | 0.00                       |
| 2016 | 63841          | 87                   | 1.36                       | 77                       | 1.21                       | 11         | 0.17                       | 8                              | 0.13                       |
| 2017 | 61824          | 88                   | 1.42                       | 76                       | 1.23                       | 16         | 0.26                       | 3                              | 0.05                       |
| 2018 | 61022          | 88                   | 1.44                       | 68                       | 1.11                       | 13         | 0.21                       | 1                              | 0.02                       |
| 2019 | 59294          | 77                   | 1.30                       | 68                       | 1.15                       | 12         | 0.20                       | 2                              | 0.03                       |
| 2020 | 55959          | 84                   | 1.50                       | 73                       | 1.30                       | 12         | 0.21                       | 0                              | 0.00                       |
| 2021 | 60575          | 99                   | 1.63                       | 65                       | 1.07                       | 16         | 0.26                       | 4                              | 0.07                       |
| 2022 | 54483          | 84                   | 1.54                       | 69                       | 1.27                       | 16         | 0.29                       | 4                              | 0.07                       |
| 2023 | 54678          | 90                   | 1.65                       | 62                       | 1.13                       | 25         | 0.46                       | 0                              | 0.00                       |
| 2024 | 54062          | 98                   | 1.81                       | 61                       | 1.13                       | 19         | 0.35                       | 6                              | 0.11                       |

**FIGURE 4.4A:** CRUDE MORTALITY RATE DUE TO SUDDEN INFANT DEATH SYNDROME IN INFANTS IN IRELAND, 2008–2024

| Year | Live births | SIDS Death rate | SIDS Deaths |
|------|-------------|-----------------|-------------|
| 2008 | 75,173      | 23              | 0.31        |
| 2009 | 75,554      | 15              | 0.20        |
| 2010 | 75,174      | 22              | 0.29        |
| 2011 | 74,033      | 20              | 0.27        |
| 2012 | 71,674      | 20              | 0.28        |
| 2013 | 68,954      | 20              | 0.29        |
| 2014 | 67,295      | 17              | 0.25        |
| 2015 | 65,536      | 14              | 0.21        |
| 2016 | 63,841      | 11              | 0.17        |
| 2017 | 61,824      | 16              | 0.26        |
| 2018 | 61,022      | 13              | 0.21        |
| 2019 | 59,294      | 12              | 0.20        |
| 2020 | 55,959      | 12              | 0.21        |
| 2021 | 60,575      | 16              | 0.26        |
| 2022 | 54,483      | 16              | 0.29        |
| 2023 | 54,678      | 25              | 0.46        |
| 2024 | 54,062      | 19              | 0.35        |

**FIGURE 4.4B:** CRUDE MORTALITY RATE DUE TO CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD IN INFANTS IN IRELAND, 2008–2024

| Year | Live births | Perinatal conditions deaths | Perinatal conditions death rates |
|------|-------------|-----------------------------|----------------------------------|
| 2008 | 75,173.00   | 129                         | 1.72                             |
| 2009 | 75,554.00   | 101                         | 1.34                             |
| 2010 | 75,174.00   | 130                         | 1.73                             |
| 2011 | 74,033.00   | 102                         | 1.38                             |
| 2012 | 71,674.00   | 111                         | 1.55                             |
| 2013 | 68,954.00   | 105                         | 1.52                             |
| 2014 | 67,295.00   | 99                          | 1.47                             |
| 2015 | 65,536.00   | 103                         | 1.57                             |
| 2016 | 63,841.00   | 87                          | 1.36                             |
| 2017 | 61,824.00   | 88                          | 1.42                             |
| 2018 | 61,022.00   | 88                          | 1.44                             |
| 2019 | 59,294.00   | 77                          | 1.30                             |
| 2020 | 55,959.00   | 84                          | 1.50                             |
| 2021 | 60,575.00   | 99                          | 1.63                             |
| 2022 | 54,483.00   | 84                          | 1.54                             |
| 2023 | 54,678.00   | 90                          | 1.65                             |
| 2024 | 54,062.00   | 98                          | 1.81                             |

**FIGURE 4.4C:** CRUDE MORTALITY RATE DUE TO CONGENITAL MALFORMATION AND CHROMOSOMAL ABNORMALITIES IN INFANTS IN IRELAND, 2008–2024

| Year | Live births | Congenital Anomalies* | Congenital Anomalies* |
|------|-------------|-----------------------|-----------------------|
| 2008 | 75,173      | 119                   | 1.58                  |
| 2009 | 75,554      | 113                   | 1.50                  |
| 2010 | 75,174      | 105                   | 1.40                  |
| 2011 | 74,033      | 116                   | 1.57                  |
| 2012 | 71,674      | 93                    | 1.30                  |
| 2013 | 68,954      | 111                   | 1.61                  |
| 2014 | 67,295      | 96                    | 1.43                  |
| 2015 | 65,536      | 100                   | 1.53                  |
| 2016 | 63,841      | 77                    | 1.21                  |
| 2017 | 61,824      | 76                    | 1.23                  |
| 2018 | 61,022      | 68                    | 1.11                  |
| 2019 | 59,294      | 68                    | 1.15                  |
| 2020 | 55,959      | 73                    | 1.30                  |
| 2021 | 60,575      | 65                    | 1.07                  |
| 2022 | 54,483      | 69                    | 1.27                  |
| 2023 | 54,678      | 62                    | 1.13                  |
| 2024 | 54,062      | 61                    | 1.13                  |

\*Congenital malformation and chromosomal abnormalities deaths

**FIGURE 4.4D:** CRUDE MORTALITY RATE DUE TO DISEASES OF THE NERVOUS SYSTEM IN INFANTS 1 IN IRELAND, 2008–2024.

| Year | Live births | Diseases of the Nervous System deaths | Diseases of the Nervous System death rates |
|------|-------------|---------------------------------------|--------------------------------------------|
| 2008 | 75,173      | 6                                     | 0.08                                       |
| 2009 | 75,554      | 8                                     | 0.11                                       |
| 2010 | 75,174      | 9                                     | 0.12                                       |
| 2011 | 74,033      | ~                                     | *                                          |
| 2012 | 71,674      | ~                                     | *                                          |
| 2013 | 68,954      | ~                                     | *                                          |
| 2014 | 67,295      | ~                                     | *                                          |
| 2015 | 65,536      | 0                                     | 0                                          |
| 2016 | 63,841      | 8                                     | 0.13                                       |
| 2017 | 61,824      | ~                                     | *                                          |
| 2018 | 61,022      | ~                                     | *                                          |
| 2019 | 59,294      | ~                                     | *                                          |
| 2020 | 55,959      | 0                                     | 0                                          |
| 2021 | 60,575      | ~                                     | *                                          |
| 2022 | 54,483      | ~                                     | *                                          |
| 2023 | 54,678      | 0                                     | 0                                          |
| 2024 | 54,062      | 6                                     | 0.11                                       |

~ Denotes five cases or fewer

\* Further suppression required to prevent disclosure of five cases or fewer

**FIGURE 5.1:** SEX DISTRIBUTION OF CHILD DEATHS BASED ON YEAR OF REGISTRATION, BY AGE GROUP, 2019–2024 (n=715)

| Age group    | Male       |              | Female     |              | Total      |
|--------------|------------|--------------|------------|--------------|------------|
|              | n          | %            | n          | %            | N          |
| 1–4 years    | 73         | 54.9%        | 60         | 45.1%        | 133        |
| 5–9 years    | 74         | 61.2%        | 47         | 38.8%        | 121        |
| 10–14 years  | 100        | 59.9%        | 67         | 40.1%        | 167        |
| 15–18 years  | 195        | 66.3%        | 99         | 33.7%        | 294        |
| <b>Total</b> | <b>442</b> | <b>61.8%</b> | <b>273</b> | <b>38.9%</b> | <b>715</b> |

**FIGURE 5.2:** PLACE OF DEATH OF CHILD DEATHS BASED ON YEAR OF REGISTRATION, BY AGE GROUP, 2019–2024 (N=421 (1–14 years) N=294 (15–18 years))

| Location                      | 1–14 years |              | 15–18 years |              |
|-------------------------------|------------|--------------|-------------|--------------|
|                               | n          | %            | n           | %            |
| CHI hospital                  | 141        | 33.5         | 23          | 7.8          |
| Home                          | 125        | 29.7         | 126         | 42.9         |
| Hospice                       | 9          | 2.1          | ~           | ~            |
| Other Hospital                | 124        | 29.5         | 88          | 29.9         |
| Scene of injury/Other address | 22         | 5.2          | 53          | 18.0         |
| <b>Total</b>                  | <b>421</b> | <b>100.0</b> | <b>294</b>  | <b>100.0</b> |

OCCURRENCE OF CHILD DEATHS BY ANNUAL QUARTER, BY AGE GROUP, 2019–2023 (N=350) (*no corresponding figure for this data*)

| Period    | Age group   | Month of death   |      |               |      |                   |      |                     |      |       |
|-----------|-------------|------------------|------|---------------|------|-------------------|------|---------------------|------|-------|
|           |             | January to March |      | April to June |      | July to September |      | October to December |      | Total |
|           |             | n                | %    | n             | %    | n                 | %    | n                   | %    | N     |
| 2019–2021 | 1–14 years  | 61               | 30.2 | 46            | 22.3 | 48                | 23.8 | 47                  | 23.2 | 202   |
|           | 15–19 years | 40               | 28.4 | 38            | 27.0 | 38                | 27.0 | 25                  | 17.7 | 141   |
| 2022–2023 | 1–14 years  | 35               | 24.1 | 37            | 25.5 | 36                | 24.8 | 37                  | 25.5 | 145   |
|           | 15–19 years | 28               | 26.9 | 27            | 26.0 | 24                | 23.1 | 25                  | 24.0 | 104   |

**FIGURE 5.3:** ANNUAL TRENDS IN CHILD MORTALITY RATES IN IRELAND, BY AGE GROUP, 2008–2024

| Year | 1–4 years              |            |                               | 5–9 years              |            |                               |
|------|------------------------|------------|-------------------------------|------------------------|------------|-------------------------------|
|      | Population (thousands) | Deaths (n) | Deaths per 100 000 population | Population (thousands) | Deaths (n) | Deaths per 100 000 population |
| 2008 | 251.6                  | 52         | 20.7                          | 306.2                  | 28         | 9.1                           |
| 2009 | 261.7                  | 59         | 22.5                          | 310.7                  | 23         | 7.4                           |
| 2010 | 272.0                  | 45         | 16.5                          | 314.6                  | 30         | 9.5                           |
| 2011 | 283.6                  | 31         | 10.9                          | 319.6                  | 25         | 7.8                           |
| 2012 | 285.5                  | 42         | 14.7                          | 325.3                  | 27         | 8.3                           |
| 2013 | 284.4                  | 46         | 16.2                          | 333.0                  | 34         | 10.2                          |
| 2014 | 278.4                  | 40         | 14.4                          | 342.1                  | 31         | 9.1                           |
| 2015 | 273.8                  | 32         | 11.7                          | 349.3                  | 20         | 5.7                           |

|      |                        |            |                               |                        |            |                               |
|------|------------------------|------------|-------------------------------|------------------------|------------|-------------------------------|
| 2016 | 269.2                  | 31         | 11.5                          | 355.3                  | 13         | 3.7                           |
| 2017 | 261.5                  | 31         | 11.9                          | 360.7                  | 27         | 7.5                           |
| 2018 | 258.3                  | 24         | 9.3                           | 359.6                  | 13         | 3.6                           |
| 2019 | 254.6                  | 27         | 10.6                          | 355.9                  | 31         | 8.7                           |
| 2020 | 250.5                  | 25         | 10.0                          | 350.2                  | 22         | 6.3                           |
| 2021 | 245.0                  | 15         | 6.1                           | 342.7                  | 15         | 4.4                           |
| 2022 | 238.2                  | 32         | 13.4                          | 343.6                  | 22         | 6.4                           |
| 2023 | 238.1                  | 26         | 10.9                          | 338.6                  | 18         | 5.3                           |
| 2024 | 237.7                  | 18         | 7.6                           | 335.3                  | 20         | 6.0                           |
|      | <b>10–14 years</b>     |            |                               | <b>15–18 years</b>     |            |                               |
| Year | Population (thousands) | Deaths (n) | Deaths per 100 000 population | Population (thousands) | Deaths (n) | Deaths per 100 000 population |
| 2008 | 283.1                  | 40         | 14.1                          | 235.8                  | 109        | 46.2                          |
| 2009 | 290.5                  | 31         | 10.7                          | 234.0                  | 84         | 35.9                          |
| 2010 | 296.1                  | 22         | 7.4                           | 229.2                  | 72         | 31.4                          |
| 2011 | 301.0                  | 22         | 7.3                           | 224.1                  | 80         | 35.7                          |
| 2012 | 304.5                  | 32         | 10.5                          | 225.0                  | 67         | 29.8                          |
| 2013 | 307.9                  | 25         | 8.1                           | 229.1                  | 54         | 23.6                          |
| 2014 | 310.1                  | 27         | 8.7                           | 235.2                  | 57         | 24.2                          |
| 2015 | 314.4                  | 18         | 5.7                           | 240.3                  | 58         | 24.1                          |
| 2016 | 318.9                  | 30         | 9.4                           | 243.9                  | 75         | 30.7                          |
| 2017 | 324.7                  | 18         | 5.5                           | 248.0                  | 57         | 23.0                          |
| 2018 | 334.8                  | 35         | 10.5                          | 254.9                  | 58         | 22.8                          |
| 2019 | 344.7                  | 23         | 6.7                           | 258.7                  | 60         | 23.2                          |
| 2020 | 354.7                  | 23         | 6.5                           | 263.5                  | 52         | 19.7                          |
| 2021 | 364                    | 27         | 7.4                           | 264.4                  | 55         | 20.8                          |
| 2022 | 374.9                  | 35         | 9.3                           | 272.7                  | 58         | 21.3                          |
| 2023 | 379.2                  | 31         | 8.2                           | 282.5                  | 58         | 20.5                          |
| 2024 | 381.8                  | 36         | 9.4                           | 291.3                  | 49         | 16.8                          |

**FIGURE 5.4:** PRINCIPAL CAUSE OF DEATH CATEGORIES IN CHILDREN AGED 1–14 YEARS BASED ON YEAR OF REGISTRATION, 2019–2024 (n=421)

| Rank | Cause of death category                                          | 2019–2021 |    |      | 2022–2024 |    |      | 2019–2024 |      |
|------|------------------------------------------------------------------|-----------|----|------|-----------|----|------|-----------|------|
|      |                                                                  | Rank      | n  | %    | Rank      | n  | %    | n         | %    |
| 1    | Neoplasms (C00–D48)                                              | 2         | 40 | 19.8 | 1         | 61 | 27.9 | 101       | 24.0 |
| 2    | External causes of injury (V01–Y98)                              | 1         | 41 | 20.3 | 2         | 46 | 21.0 | 87        | 20.7 |
| 3    | Congenital malformations and chromosomal abnormalities (Q00–Q96) | 3         | 38 | 18.8 | 3         | 29 | 13.2 | 67        | 15.9 |
| 4    | Diseases of the nervous system (G00–G99)                         | 4         | 20 | 9.9  | 4         | 18 | 8.2  | 38        | 9.0  |
| 5    | Diseases of the circulatory system (I00–I99)                     | 5         | 17 | 8.4  | 5         | 12 | 5.5  | 27        | 6.4  |
| 6    | Certain infectious and parasitic diseases (A00–B99)              | 6         | 10 | 5.5  | 6         | 12 | 5.5  | 23        | 5.5  |
| 7    | Diseases of the respiratory system (J00–J99)                     | 7         | 11 | 5.5  | 7         | 9  | 4.1  | 20        | 4.8  |
| 8    | Endocrine, nutritional and metabolic diseases (E00–E90)          | 8         | 8  | 4.0  | 7         |    |      | 17        | 4.0  |

|    |                                                          |  |     |       |  |     |       |     |       |
|----|----------------------------------------------------------|--|-----|-------|--|-----|-------|-----|-------|
| 9  | SIDS/SUDC (R00–R99)                                      |  | ~   | ~     |  | ~   | ~     | 9   | 2.1   |
| 10 | Mental and behavioural disorders (F00–F99)               |  | ~   | ~     |  | ~   | ~     | 6   | 1.4   |
| 10 | Diseases of the blood and blood-forming organs (D50–D89) |  |     |       |  |     |       | 6   | 1.4   |
|    | All other causes                                         |  | 17  | 8.4   |  | 18  | 8.2   | 20  | 4.8   |
|    | Total                                                    |  | 202 | 100.0 |  | 219 | 100.0 | 421 | 100.0 |

~ denotes n <5 and cases included in category of 'all other causes'.

**FIGURE 5.5:** PRINCIPAL CAUSE OF DEATH CATEGORIES IN ADOLESCENTS AGED 15–18 YEARS, 2019–2024 (n=294) BASED ON YEAR OF REGISTRATION

|      | Cause of death category                                          |      | 2019–2021 |       | 2022–2024 |     |       | 2019–2024 |     |       |
|------|------------------------------------------------------------------|------|-----------|-------|-----------|-----|-------|-----------|-----|-------|
| Rank |                                                                  | Rank | N         | %     | Rank      | n   | %     |           | n   | %     |
| 1    | External causes of injury (V01–Y98)                              | 1    | 79        | 56.0  | 1         | 70  | 45.8  | 1         | 149 | 50.7  |
| 2    | Neoplasms (C00–D48)                                              | 2    | 21        | 14.9  | 2         | 25  | 16.3  | 2         | 46  | 15.7  |
| 3    | Diseases of the nervous system (G00–G99)                         | 4    | 8         | 5.7   | 3         | 16  | 10.5  | 3         | 24  | 8.2   |
| 4    | Congenital malformations and chromosomal abnormalities (Q00–Q96) | 3    | 8         | 6.4   | 4         | 11  | 7.2   | 4         | 19  | 6.5   |
| 5    | Diseases of the circulatory system (I00–I99)                     | 4    | 8         | 5.7   | 5         | 9   | 5.9   | 5         | 17  | 5.8   |
| 6    | Endocrine, nutritional and metabolic diseases (E00–E90)          |      |           |       |           |     |       |           | 8   | 2.7   |
| 7    | Diseases of the respiratory system (J00–J99)                     |      |           |       |           | 5   | 3.3   |           | 7   | 2.4   |
| 8    | Certain infectious and parasitic diseases (A00–B99)              |      |           |       |           |     |       |           | 5   | 1.7   |
|      | All other causes                                                 |      | 17        | 11.3  |           | 17  | 11.1  |           | 19  | 6.5   |
|      | Total                                                            |      | 141       | 100.0 |           | 153 | 100.0 |           | 294 | 100.0 |

**FIGURE 5.6A:** CRUDE MORTALITY RATE DUE TO EXTERNAL CAUSES (TRAUMA) IN CHILDREN AGED 1–14 YEARS, 2008–2024

| Year | 1-14 Population | External causes | Mortality rate (per 100,000) |
|------|-----------------|-----------------|------------------------------|
| 2008 | 840,900         | 40              | 4.76                         |
| 2009 | 862,900         | 26              | 3.01                         |
| 2010 | 882,700         | 28              | 3.17                         |
| 2011 | 904,200         | 21              | 2.32                         |
| 2012 | 915,300         | 14              | 1.53                         |
| 2013 | 925,300         | 21              | 2.27                         |
| 2014 | 930,600         | 25              | 2.69                         |
| 2015 | 937,500         | 8               | 0.85                         |
| 2016 | 943,400         | 16              | 1.70                         |
| 2017 | 946,900         | 14              | 1.48                         |
| 2018 | 952,700         | 10              | 1.05                         |
| 2019 | 955,200         | 10              | 1.05                         |
| 2020 | 955,400         | 5               | 0.52                         |
| 2021 | 951,700         | 6               | 0.63                         |
| 2022 | 956,700         | 9               | 0.94                         |
| 2023 | 955,900         | 7               | 0.73                         |
| 2024 | 954,800         | 19              | 1.99                         |

**FIGURE 5.6B:** CRUDE MORTALITY RATE DUE TO NEOPLASMS IN CHILDREN AGED 1–14 YEARS, 2008–2024

| Year | 1-14 Population | Neoplasms deaths | Mortality rate (per 100,000) |
|------|-----------------|------------------|------------------------------|
| 2008 | 840,900         | 25               | 2.97                         |
| 2009 | 862,900         | 26               | 3.01                         |
| 2010 | 882,700         | 19               | 2.15                         |
| 2011 | 904,200         | 20               | 2.21                         |
| 2012 | 915,300         | 31               | 3.39                         |
| 2013 | 925,300         | 26               | 2.81                         |
| 2014 | 930,600         | 17               | 1.83                         |
| 2015 | 937,500         | 21               | 2.24                         |
| 2016 | 943,400         | 18               | 1.91                         |
| 2017 | 946,900         | 19               | 2.01                         |
| 2018 | 952,700         | 17               | 1.78                         |
| 2019 | 955,200         | 19               | 1.99                         |
| 2020 | 955,400         | 15               | 1.57                         |
| 2021 | 951,700         | 12               | 1.26                         |
| 2022 | 956,700         | 24               | 2.51                         |
| 2023 | 955,900         | 18               | 1.88                         |
| 2024 | 954,800         | 16               | 1.68                         |

**FIGURE 5.6C:** CRUDE MORTALITY RATE DUE TO CONGENITAL MALFORMATIONS AND CHROMOSOMAL ABNORMALITIES IN CHILDREN AGED 1–14 YEARS, 2008–2024

| Year | 1-14 Population | Congenital Malformations and chromosomal malformations deaths | Mortality rate (per 100,000) |
|------|-----------------|---------------------------------------------------------------|------------------------------|
| 2008 | 840,900         | 15                                                            | 1.78                         |
| 2009 | 862,900         | 17                                                            | 1.97                         |
| 2010 | 882,700         | 13                                                            | 1.47                         |
| 2011 | 904,200         | 10                                                            | 1.11                         |
| 2012 | 915,300         | 15                                                            | 1.64                         |
| 2013 | 925,300         | 19                                                            | 2.05                         |
| 2014 | 930,600         | 20                                                            | 2.15                         |
| 2015 | 937,500         | 11                                                            | 1.17                         |
| 2016 | 943,400         | 8                                                             | 0.85                         |
| 2017 | 946,900         | 14                                                            | 1.48                         |
| 2018 | 952,700         | 7                                                             | 0.73                         |
| 2019 | 955,200         | 18                                                            | 1.88                         |
| 2020 | 955,400         | 12                                                            | 1.26                         |
| 2021 | 951,700         | 10                                                            | 1.05                         |
| 2022 | 956,700         | 8                                                             | 0.84                         |
| 2023 | 955,900         | 8                                                             | 0.84                         |
| 2024 | 954,800         | 11                                                            | 1.15                         |

**FIGURE 5.6D:** CRUDE MORTALITY RATE DUE TO DISEASES OF THE NERVOUS SYSTEM IN CHILDREN AGED 1–14 YEARS, 2008–2024

| Year | 1-14 Population | Diseases of the Nervous System deaths | Mortality rate (per 100,000) |
|------|-----------------|---------------------------------------|------------------------------|
| 2008 | 840,900         | 12                                    | 1.43                         |
| 2009 | 862,900         | 15                                    | 1.74                         |
| 2010 | 882,700         | 19                                    | 2.15                         |
| 2011 | 904,200         | 9                                     | 1.00                         |
| 2012 | 915,300         | 16                                    | 1.75                         |
| 2013 | 925,300         | 15                                    | 1.62                         |
| 2014 | 930,600         | 14                                    | 1.50                         |
| 2015 | 937,500         | 9                                     | 0.96                         |
| 2016 | 943,400         | 9                                     | 0.95                         |
| 2017 | 946,900         | 11                                    | 1.16                         |
| 2018 | 952,700         | 12                                    | 1.26                         |
| 2019 | 955,200         | 10                                    | 1.05                         |
| 2020 | 955,400         | 5                                     | 0.52                         |
| 2021 | 951,700         | 6                                     | 0.63                         |
| 2022 | 956,700         | 9                                     | 0.94                         |

|      |         |   |      |
|------|---------|---|------|
| 2023 | 955,900 | 7 | 0.73 |
| 2024 | 954,800 | 6 | 0.63 |

**FIGURE 5.7A:** CRUDE MORTALITY RATE DUE TO EXTERNAL CAUSES (TRAUMA) IN CHILDREN AND YOUNG PEOPLE AGED 15–18 YEARS, 2008–2023

| Year | 15-18 Population | External Causes deaths | Mortality rate (per 100,000) |
|------|------------------|------------------------|------------------------------|
| 2008 | 235,833          | 79                     | 33.50                        |
| 2009 | 234,035          | 61                     | 26.06                        |
| 2010 | 229,204          | 50                     | 21.81                        |
| 2011 | 224,087          | 46                     | 20.53                        |
| 2012 | 225,027          | 39                     | 17.33                        |
| 2013 | 229,100          | 34                     | 14.84                        |
| 2014 | 235,166          | 36                     | 15.31                        |
| 2015 | 240,348          | 38                     | 15.81                        |
| 2016 | 243,965          | 43                     | 17.63                        |
| 2017 | 248,034          | 32                     | 12.90                        |
| 2018 | 254,956          | 30                     | 11.77                        |
| 2019 | 258,714          | 36                     | 13.91                        |
| 2020 | 263,498          | 34                     | 12.90                        |
| 2021 | 264,438          | 31                     | 11.72                        |
| 2022 | 272,714          | 28                     | 10.27                        |
| 2023 | 282,501          | 25                     | 8.85                         |

**FIGURE 5.7B:** CRUDE MORTALITY RATE DUE TO NEOPLASMS IN CHILDREN AND YOUNG PEOPLE AGED 15–18 YEARS, 2012–2023

| Year | 15-18 Population | Neoplasm deaths | Mortality rate (per 100,000) |
|------|------------------|-----------------|------------------------------|
| 2008 | 235,833          | 5               | 2.12                         |
| 2009 | 234,035          | 5               | 2.14                         |
| 2010 | 229,204          | 7               | 3.05                         |
| 2011 | 224,087          | 12              | 5.36                         |
| 2012 | 225,027          | 8               | 3.56                         |
| 2013 | 229,100          | 4               | 1.75                         |
| 2014 | 235,166          | 8               | 3.40                         |
| 2015 | 240,348          | 6               | 2.50                         |
| 2016 | 243,965          | 4               | 1.64                         |
| 2017 | 248,034          | 8               | 3.23                         |
| 2018 | 254,956          | 9               | 3.53                         |
| 2019 | 258,714          | 8               | 3.09                         |
| 2020 | 263,498          | 7               | 2.66                         |
| 2021 | 264,438          | 11              | 4.16                         |
| 2022 | 272,714          | 11              | 4.03                         |

|      |         |   |      |
|------|---------|---|------|
| 2023 | 282,501 | 7 | 2.48 |
|------|---------|---|------|

**FIGURE 6.1:** BREAKDOWN OF EXTERNAL-CAUSE DEATHS IN CHILDREN AGED 1–14 YEARS BASED ON YEAR OF REGISTRATION, BY INJURY TYPE, 2019–2024 (N=87)

| Injury type                    | n  | %     |
|--------------------------------|----|-------|
| RTC                            | 27 | 31.0  |
| Hanging/suspension by ligature | 14 | 16.1  |
| Drowning                       | 11 | 12.6  |
| Homicide/ unlawful killing     | 10 | 11.5  |
| Other                          | 25 | 28.7  |
| Total                          | 87 | 100.0 |

BREAKDOWN OF EXTERNAL-CAUSE DEATHS IN CHILDREN AGED 1–14 YEARS, BY TYPE, 2007–2018 (n=351) *(no corresponding figure for this data)*

| Injury type              | n   | %      |
|--------------------------|-----|--------|
| Road traffic collisions  | 118 | 33.6%  |
| Ligature strangulation   | 41  | 11.7%  |
| Drowning                 | 34  | 9.7%   |
| Homicide/filicide        | 23  | 6.6%   |
| Farm accidents           | 21  | 6.0%   |
| House fires              | 19  | 5.4%   |
| High falls               | 14  | 4.0%   |
| Accidental strangulation | 12  | 3.4%   |
| Struck by heavy object   | 11  | 3.1%   |
| Asphyxiation by choking  | 9   | 2.6%   |
| Other external causes    | 49  | 14.0%  |
| Total                    | 351 | 100.0% |

**FIGURE 6.2:** BREAKDOWN OF EXTERNAL-CAUSE DEATHS IN ADOLESCENTS AGED 15–18 YEARS BASED ON YEAR OF REGISTRATION, BY INJURY TYPE, 2019–2024 (n=149)

| Injury type                       | n  | %     |
|-----------------------------------|----|-------|
| Hanging/ligature suspension       | 72 | 48.3% |
| Road traffic collisions           | 24 | 16.1% |
| Alcohol/drug/medication ingestion | 13 | 8.7%  |

|                               |            |               |
|-------------------------------|------------|---------------|
| <b>Drowning</b>               | <b>10</b>  | <b>6.7%</b>   |
| <b>High Falls</b>             | <b>7</b>   | <b>4.7%</b>   |
| <b>Ligature strangulation</b> | <b>8</b>   | <b>5.4%</b>   |
| <b>Other</b>                  | <b>15</b>  | <b>10.1%</b>  |
| <b>Total</b>                  | <b>149</b> | <b>100.0%</b> |

BREAKDOWN OF EXTERNAL-CAUSE DEATHS IN ADOLESCENTS AGED 15–18 YEARS, BY TYPE, 2012–2018 (n=251) *(no corresponding figure for this data)*

| <b>Injury type</b>             | <b>n</b>   | <b>%</b>      |
|--------------------------------|------------|---------------|
| <b>Ligature strangulation</b>  | <b>120</b> | <b>47.8%</b>  |
| <b>Road traffic collisions</b> | <b>66</b>  | <b>26.3%</b>  |
| <b>Drowning</b>                | <b>22</b>  | <b>8.8%</b>   |
| <b>Drug/alcohol toxicity</b>   | <b>21</b>  | <b>8.4%</b>   |
| <b>High falls</b>              | <b>5</b>   | <b>2.0%</b>   |
| <b>Other</b>                   | <b>17</b>  | <b>6.8%</b>   |
| <b>Total</b>                   | <b>251</b> | <b>100.0%</b> |

**FIGURE 7.2:** INFECTION RELATED MORTALITY RATE BY AGE GROUP, 2019–2024 (n=250).

| <b>Age Category</b> | <b>Infection recorded as direct cause of death 2019–2024</b> | <b>Population (thousands) 2019–2024</b> | <b>Infection mortality rate per 100,000 population</b> |
|---------------------|--------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------|
| <1                  | 124                                                          | 343.4                                   | 36.1                                                   |
| 1–4 years           | 35                                                           | 1464.1                                  | 2.39                                                   |
| 5–9 years           | 27                                                           | 2066.3                                  | 1.3                                                    |
| 10–14 years         | 24                                                           | 2199.3                                  | 1.09                                                   |
| 15–18 years         | 40                                                           | 1633.1                                  | 2.45                                                   |
| 1–18 years          | 126                                                          | 7362.8                                  | 1.71                                                   |

Data based on deaths where infection was recorded as direct cause of death (Part 1A of Medical Cause of Death details).

### APPENDIX 3: SUPPLEMENTARY DATA ON INFANT AGE GROUP

AGE DISTRIBUTION OF INFANT DEATHS REGISTERED IN IRELAND, 2019–2024 (n=1096)

|                  | Neonatal (≤28 days) |              | Postneonatal (29–364 days) |              | Total (<1 year) |
|------------------|---------------------|--------------|----------------------------|--------------|-----------------|
| Year             | N                   | %            | N                          | %            | N               |
| 2019             | 142                 | 74.7%        | 48                         | 25.3%        | 190             |
| 2020             | 112                 | 73.2%        | 41                         | 26.8%        | 153             |
| 2021             | 151                 | 78.7%        | 41                         | 21.4%        | 192             |
| 2019–2021        | 405                 | 75.7%        | 130                        | 24.3%        | 535             |
| 2022             | 140                 | 73.3%        | 51                         | 26.7%        | 191             |
| 2023             | 132                 | 76.3%        | 41                         | 23.7%        | 173             |
| 2024             | 143                 | 72.6%        | 54                         | 27.4%        | 197             |
| 2022–2024        | 415                 | 74.0%        | 146                        | 26.0%        | 561             |
| <b>2019–2024</b> | <b>820</b>          | <b>75.0%</b> | <b>276</b>                 | <b>25.0%</b> | <b>1096</b>     |

AGE DISTRIBUTION OF CYP DEATHS REGISTERED IN IRELAND, 2019–2024 (n=1811)

| Year             | Age Category |             |             |             |            |            |            |            |             |             |             |             |                  |              |
|------------------|--------------|-------------|-------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|------------------|--------------|
|                  | ≤28 days     |             | 29–364 days |             | 1–4 years  |            | 5–9 years  |            | 10–14 years |             | 15–18 years |             | Total 0–18 years |              |
|                  | n            | %           | n           | %           | n          | %          | n          | %          | n           | %           | n           | %           | N                | %            |
| 2019             | 142          | 45.7        | 48          | 15.4        | 29         | 9.3        | 24         | 7.7        | 21          | 6.8         | 47          | 15.1        | 311              | 100.0        |
| 2020             | 112          | 41.8        | 41          | 15.3        | 27         | 10.1       | 24         | 9.0        | 23          | 8.6         | 41          | 15.3        | 268              | 100.0        |
| 2021             | 151          | 50.5        | 41          | 13.7        | 15         | 5.0        | 18         | 6.0        | 21          | 7.0         | 53          | 17.7        | 299              | 100.0        |
| <b>2019–2021</b> | <b>405</b>   | <b>46.1</b> | <b>130</b>  | <b>14.8</b> | <b>71</b>  | <b>8.1</b> | <b>66</b>  | <b>7.5</b> | <b>65</b>   | <b>7.4</b>  | <b>141</b>  | <b>16.1</b> | <b>878</b>       | <b>100.0</b> |
| 2022             | 140          | 46.8        | 51          | 17.1        | 19         | 6.4        | 16         | 5.4        | 26          | 8.7         | 47          | 15.7        | 299              | 100.0        |
| 2023             | 132          | 42.0        | 41          | 13.1        | 25         | 8.0        | 19         | 6.1        | 40          | 12.8        | 57          | 18.2        | 314              | 100.0        |
| 2024             | 143          | 44.7        | 54          | 16.9        | 18         | 5.6        | 20         | 6.3        | 36          | 11.3        | 49          | 15.3        | 320              | 100.0        |
| <b>2022–2024</b> | <b>415</b>   | <b>44.8</b> | <b>146</b>  | <b>15.6</b> | <b>62</b>  | <b>6.6</b> | <b>55</b>  | <b>5.9</b> | <b>102</b>  | <b>10.9</b> | <b>153</b>  | <b>16.4</b> | <b>933</b>       | <b>100.0</b> |
| <b>2019–2024</b> | <b>820</b>   | <b>45.3</b> | <b>276</b>  | <b>15.2</b> | <b>133</b> | <b>7.3</b> | <b>121</b> | <b>6.7</b> | <b>167</b>  | <b>9.2</b>  | <b>294</b>  | <b>16.2</b> | <b>1811</b>      | <b>100.0</b> |

SEX DISTRIBUTION OF INFANT DEATHS REGISTERED IN IRELAND, 2019–2024 (N=1096)

|                  | Male       |              | Female     |              | Total (<1 year) |
|------------------|------------|--------------|------------|--------------|-----------------|
| Year             | N          | %            | N          | %            | N               |
| 2019             | 104        | 54.7%        | 86         | 45.3%        | 190             |
| 2020             | 78         | 51.0%        | 75         | 49.0%        | 153             |
| 2021             | 98         | 51.0%        | 94         | 49.0%        | 192             |
| <b>2019–2021</b> | <b>280</b> | <b>52.3%</b> | <b>255</b> | <b>47.7%</b> | <b>535</b>      |
| 2022             | 107        | 56.0%        | 84         | 44.0%        | 191             |
| 2023             | 91         | 52.9%        | 81         | 47.1%        | 172             |
| 2024             | 113        | 57.4%        | 84         | 42.6%        | 197             |
| <b>2022–2024</b> | <b>311</b> | <b>55.5%</b> | <b>249</b> | <b>44.5%</b> | <b>560</b>      |

SEX DISTRIBUTION OF INFANT DEATHS REGISTERED IN IRELAND, BY AGE GROUP, 2019–2024 (N=1095)

|                     | Male |       | Female |       | Total (<1 year) |
|---------------------|------|-------|--------|-------|-----------------|
|                     | N    | %     | N      | %     | N               |
| Neonatal deaths     | 445  | 54.1% | 375    | 45.9% | 820             |
| Postneonatal deaths | 147  | 50.7% | 129    | 49.3% | 276             |
| Total               | 592  | 53.2% | 504    | 46.8  | 1096            |

SIDS DEATHS IN IRELAND BY PLACE OF DEATH, 2019–2024 (N=93)

|                                       | 2019–2024 |              |
|---------------------------------------|-----------|--------------|
| Place of death                        | N         | %            |
| Home                                  | 34        | 36.6         |
| CHI hospital                          | 31        | 33.3         |
| Other hospital                        | 23        | 24.7         |
| Other address/scene of injury/hospice | 5         | 5.4          |
| <b>Total</b>                          | <b>93</b> | <b>100.0</b> |

INFANT MORTALITY IN IRELAND BY YEARLY QUARTER, 2019–2024 (N=1095)

|                      | Month of death   |               |                   |                     |       |
|----------------------|------------------|---------------|-------------------|---------------------|-------|
| Year of registration | January to March | April to June | July to September | October to December | Total |

|                  | n          | %           | n          | %           | n          | %           | n          | %           | N           |
|------------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|
| 2019             | 41         | 21.6        | 57         | 30.0        | 49         | 25.8        | 43         | 22.6        | 190         |
| 2020             | 39         | 25.5        | 43         | 28.1        | 37         | 24.2        | 34         | 22.2        | 153         |
| 2021             | 59         | 31.0        | 39         | 20.3        | 43         | 22.4        | 51         | 26.6        | 192         |
| <b>2019–2021</b> | <b>139</b> | <b>26.0</b> | <b>139</b> | <b>26.0</b> | <b>129</b> | <b>24.1</b> | <b>128</b> | <b>23.9</b> | <b>535</b>  |
| 2022             | 46         | 24.0        | 47         | 24.6        | 49         | 25.6        | 49         | 25.6        | 191         |
| 2023             | 43         | 25.0        | 49         | 28.5        | 32         | 18.6        | 48         | 27.9        | 172         |
| 2024             | 45         | 22.8        | 57         | 28.9        | 51         | 25.9        | 44         | 22.3        | 197         |
| <b>2022–2024</b> | <b>134</b> | <b>23.9</b> | <b>153</b> | <b>27.3</b> | <b>132</b> | <b>23.6</b> | <b>141</b> | <b>25.2</b> | <b>560</b>  |
| <b>Total</b>     | <b>273</b> | <b>24.9</b> | <b>292</b> | <b>26.7</b> | <b>261</b> | <b>23.8</b> | <b>269</b> | <b>24.6</b> | <b>1095</b> |

#### DEATHS OF INFANTS <1YR IN IRELAND: YEAR OF REGISTRATION BY YEAR OF DEATH

|                      | Year of Death |      |      |      |      |      |      |                     |                      |
|----------------------|---------------|------|------|------|------|------|------|---------------------|----------------------|
| Year of Registration | 2018          | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total registrations | % late registrations |
| 2019                 | 67            | 123  | 0    | 0    | 0    | 0    | 0    | 190                 | 35.5                 |
| 2020                 | 0             | 44   | 109  | 0    | 0    | 0    | 0    | 153                 | 28.8                 |
| 2021                 | 5             | 7    | 57   | 123  | 0    | 0    | 0    | 192                 | 35.9                 |
| 2022                 | 0             | 0    | 0    | 71   | 120  | 0    | 0    | 191                 | 37.2                 |
| 2023                 | 0             | 3    | 7    | 2    | 56   | 105  | 0    | 173                 | 39.3                 |
| 2024                 | 0             | 0    | 0    | 0    | 0    | 71   | 126  | 197                 | 36.0                 |

#### SIDS DEATHS <1YR IN IRELAND: YEAR OF REGISTRATION BY YEAR OF DEATH

|                      | Year of Death |      |      |      |      |      |      |                     |                      |
|----------------------|---------------|------|------|------|------|------|------|---------------------|----------------------|
| Year of Registration | 2018          | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total registrations | % late registrations |
| 2019                 | 9             | 7    | 0    | 0    | 0    | 0    | 0    | 13                  | 46.2                 |
| 2020                 | 0             | 5    | 4    | 0    | 0    | 0    | 0    | 9                   | 55.5                 |
| 2021                 | 0             | 1    | 8    | 4    | 0    | 0    | 0    | 13                  | 69.2                 |
| 2022                 | 0             | 0    | 0    | 11   | 9    | 0    | 0    | 20                  | 55.0                 |
| 2023                 | 0             | 0    | 0    | 0    | 7    | 12   | 0    | 19                  | 36.8                 |
| 2024                 | 0             | 0    | 0    | 0    | 0    | 12   | 7    | 19                  | 63.2                 |

#### AGE DISTRIBUTION OF SUDDEN INFANT DEATH SYNDROME CASES REGISTERED IN IRELAND, 2019–2022 VERSUS 2023–2024

| Year      | Neonatal |      | Postneonatal |      | Total |
|-----------|----------|------|--------------|------|-------|
|           | n        | %    | n            | %    | N     |
| 2019–2022 | 5        | 9.1  | 50           | 90.9 | 55    |
| 2023–2024 | 7        | 18.4 | 31           | 81.6 | 38    |

#### APPENDIX 4: HISTORICAL DATA ON CHILDREN AGED 1–18 YEARS

PRINCIPAL CAUSE OF DEATH CATEGORIES IN CHILDREN AGED 1–14 YEARS, 2007–2018 (N=1124)

| Cause of death category                                                                  | n    | %      |
|------------------------------------------------------------------------------------------|------|--------|
| Diseases of the circulatory system                                                       | 38   | 3.4%   |
| Congenital malformations and chromosomal abnormalities                                   | 157  | 14.0%  |
| Diseases of the blood and blood-forming organs and certain diseases of the immune system | 27   | 2.4%   |
| Endocrine, nutritional and metabolic diseases                                            | 55   | 4.9%   |
| External causes                                                                          | 307  | 27.3%  |
| Certain infectious and parasitic diseases                                                | 46   | 4.1%   |
| Neoplasms                                                                                | 227  | 20.2%  |
| Diseases of the nervous system                                                           | 147  | 13.1%  |
| Diseases of the respiratory system                                                       | 51   | 4.5%   |
| Symptoms, signs and abnormal clinical findings                                           | 33   | 2.9%   |
| Certain conditions originating in the perinatal period                                   | 10   | 0.9%   |
| Other                                                                                    | 26   | 2.3%   |
| Total                                                                                    | 1124 | 100.0% |

PRINCIPAL CAUSE OF DEATH CATEGORIES IN ADOLESCENTS AGED 15–18 YEARS, 2012–2018 (n=425)

| Cause of death category            | n   | %      |
|------------------------------------|-----|--------|
| Diseases of the circulatory system | 39  | 9.2%   |
| External causes                    | 251 | 59.1%  |
| Neoplasms                          | 49  | 11.5%  |
| Diseases of the nervous system     | 24  | 5.6%   |
| Other                              | 62  | 14.6%  |
| Total                              | 425 | 100.0% |

## APPENDIX 5: ICD-10 CODES FOR INFECTION-RELATED DEATHS

| Infection                                                    | ICD-10 code    |
|--------------------------------------------------------------|----------------|
| Typhoid                                                      | A01.0          |
| Paratyphoid                                                  | A01.1–A01.4    |
| Salmonellosis                                                | A02            |
| Shigellosis                                                  | A03            |
| Verotoxigenic Escherichia coli infection                     | A04.3          |
| Campylobacter infection                                      | A04.5          |
| Yersiniosis                                                  | A04.6          |
| Clostridium difficile infection                              | A04.7          |
| Staphylococcal food poisoning                                | A05.0          |
| Botulism                                                     | A05.1          |
| Bacillus cereus food-borne infection/intoxication            | A05.4          |
| Giardiasis                                                   | A07.1          |
| Cryptosporidiosis                                            | A07.2          |
| Rotavirus infection                                          | A08.0          |
| Noroviral infection                                          | A08.11         |
| Tuberculosis                                                 | A15–A19        |
| Tularemia                                                    | A21            |
| Brucellosis                                                  | A23            |
| Leptospirosis                                                | A27            |
| Listeriosis                                                  | A32            |
| Tetanus                                                      | A35            |
| Pertussis                                                    | A37            |
| Meningococcal disease                                        | A39            |
| Streptococcus group A infection (invasive)                   | A40.0          |
| Streptococcus group B infection (invasive)                   | A40.1          |
| Streptococcus pneumoniae infection (invasive)                | A40.3          |
| Haemophilus influenzae disease (invasive)                    | A41.3 / G00.0  |
| Legionellosis                                                | A48.1          |
| Carbapenem-resistant Enterobacteriaceae infection (invasive) | A49.8 + Z16.12 |
| Syphilis                                                     | A50–A53        |
| Gonorrhoea                                                   | A54            |
| Trichomoniasis                                               | A59            |
| Herpes simplex (genital)                                     | A60.0          |
| Lyme disease                                                 | A69.2          |
| Chlamydia trachomatis infection                              | A74.9 / A56.x  |
| Viral encephalitis                                           | A86            |
| Viral meningitis                                             | A87            |
| Dengue fever                                                 | A90            |
| Zika virus infection                                         | A92.5          |

|                                                |               |
|------------------------------------------------|---------------|
| Chickenpox - hospitalised cases                | B01           |
| Mpox infection                                 | B04           |
| Measles                                        | B05           |
| Rubella                                        | B06           |
| Hepatitis A (acute)                            | B15           |
| Hepatitis B (acute and chronic)                | B16 / B18.1   |
| Hepatitis C                                    | B17.1 / B18.2 |
| Hepatitis E infection                          | B17.2         |
| Human immunodeficiency virus infection         | B20–B24       |
| Mumps                                          | B26           |
| Malaria                                        | B50–B54       |
| Toxoplasmosis                                  | B58           |
| Echinococcosis                                 | B67           |
| Respiratory syncytial virus infection          | B97.4         |
| Bacterial meningitis (not otherwise specified) | G00.9         |
| Influenza                                      | J09–J11       |
| Cytomegalovirus infection (congenital)         | P35.1         |
| Herpes simplex (neonatal)                      | P35.2         |

## APPENDIX 6: ICD-10 CODES ASSIGNED TO INFECTION-RELATED DEATHS IN CHILDREN AND YOUNG PEOPLE AGED <19 YRS 2019–2024

| Broad ICD-10 Category                                                                                                                       | Codes                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>A00–B99 — Certain infectious and parasitic diseases</b>                                                                                  | A099, A310, A390, A394, A399, A400, A403, A409, A413, A419, A490, A491, A498, B004, B012, B027, B250, B340, B341, B348, B349, B441, B99 |
| <b>C00–D48 — Neoplasms</b>                                                                                                                  | C479, C717, C719, C720, C729, C749, C809, C844, C851, C910, C920                                                                        |
| <b>D50–D89 — Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism &amp; immune disorders</b> | D619                                                                                                                                    |
| <b>E00–E89 — Endocrine, nutritional &amp; metabolic diseases</b>                                                                            | E106, E712, E752, E761, E778, E791, E840, E872, E889                                                                                    |
| <b>F00–F99 — Mental, behavioural &amp; neurodevelopmental disorders</b>                                                                     | F819, F842, F89                                                                                                                         |
| <b>G00–G99 — Diseases of the nervous system</b>                                                                                             | G000, G001, G009, G049, G111, G114, G129, G255, G404, G405, G409, G709, G710, G711, G801, G803, G808, G809, G824, G938, G939, G98       |
| <b>I00–I99 — Diseases of the circulatory system</b>                                                                                         | I269, I288, I400, I409, I420, I514, I675, I678                                                                                          |
| <b>J00–J99 — Diseases of the respiratory system</b>                                                                                         | J100, J101, J129, J180, J209, J22, J690, J850, J860, J984, J985, J987                                                                   |
| <b>K00–K93 — Diseases of the digestive system</b>                                                                                           | K353, K550, K562                                                                                                                        |
| <b>L00–L99 — Diseases of the skin and subcutaneous tissue</b>                                                                               | L088                                                                                                                                    |
| <b>M00–M99 — Diseases of the musculoskeletal system and connective tissues</b>                                                              | M419                                                                                                                                    |

| Broad ICD-10 Category                                                                   | Codes                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>N00–N99 — Diseases of the genitourinary system</b>                                   | N041, N137, N200, N390                                                                                                                                                                                                                              |
| <b>P00–P96 — Certain conditions originating in the perinatal period</b>                 | P001, P002, P010, P011, P012, P015, P021, P022, P023, P027, P028, P031, P059, P070, P072, P073, P220, P239, P251, P269, P271, P278, P280, P351, P354, P361, P368, P369, P372, P375, P392, P393, P398, P399, P523, P529, P77, P780, P832, P910, P916 |
| <b>Q00–Q99 — Congenital malformations, deformations &amp; chromosomal abnormalities</b> | Q019, Q039, Q040, Q042, Q043, Q045, Q048, Q049, Q070, Q210, Q212, Q213, Q223, Q233, Q245, Q249, Q251, Q336, Q339, Q410, Q782, Q789, Q790, Q792, Q870, Q871, Q878, Q890, Q893, Q899, Q909, Q913, Q917, Q928, Q935, Q938, Q998, Q999                  |

## APPENDIX 7: STAKEHOLDER ENGAGEMENT

| Purpose of Engagement (Highest level) | Development phase (Highest level) | Professional Role                                           | Organisation                                                                    |
|---------------------------------------|-----------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------|
| Co-production                         | All phases                        | PPI representative                                          | Anam Cara                                                                       |
| Co-production                         | All phases                        | PPI representative                                          | LauraLynn                                                                       |
| Co-production                         | All phases                        | Consultant in Paediatric Emergency Medicine                 | CHI at Crumlin                                                                  |
| Co-production                         | All phases                        | Consultant in Paediatric Intensive Care and Anaesthesiology | CHI at Crumlin                                                                  |
| Co-production                         | All phases                        | Paediatric Intensive Care Audit Network Coordinator         | CHI at Temple Street                                                            |
| Co-production                         | All phases                        | CNM 3 Quality Improvement                                   | CHI (all sites)                                                                 |
| Co-production                         | All phases                        | Consultant Paediatrician and Endocrinologist                | University Hospital Limerick                                                    |
| Co-production                         | All phases                        | Senior Project Manager HSE Death Notification Project       | Health Service Executive                                                        |
| Co-production                         | All phases                        | Audit Development Manager                                   | NOCA                                                                            |
| Co-production                         | All phases                        | National Paediatric Mortality Register Audit Manager        | NOCA                                                                            |
| Co-production                         | All phases                        | Information Manager                                         | NOCA                                                                            |
| Co-production                         | All phases                        | Head of Data Science                                        | NOCA                                                                            |
| Co-production                         | All phases                        | Business Analyst                                            | NOCA                                                                            |
| Co-production                         | All phases                        | IT Coordinator                                              | NOCA                                                                            |
| Co-production                         | All phases                        | IT Applications & Support Specialist                        | NOCA                                                                            |
| Co-production                         | All phases                        | Head of Quality and Development                             | NOCA                                                                            |
| Co-production                         | Phase 3                           | Clinical Terminologist                                      | Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT) Release Centre |

|            |            |                                                                                                              |                                             |
|------------|------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Co-design  | All phases | Consultant Paediatric Pathologist Representatives                                                            | CHI at Crumlin                              |
| Co-design  | All phases | Consultant in Palliative Care Medicine Representatives                                                       | CHI at Crumlin                              |
| Co-design  | All phases | Consultant in Paediatric Intensive Care Medicine                                                             | CHI at Temple Street                        |
| Co-design  | All phases | Quality and Patient Safety Programme Manager                                                                 | CHI (all sites)                             |
| Co-design  | All phases | Quality and Patient Safety Coordinator (QPS)                                                                 | CHI (all sites)                             |
| Co-design  | All phases | End of Life Care Coordinator                                                                                 | CHI (all sites)                             |
| Co-design  | Phase 3    | Business Manager for the Health Identifiers Service                                                          | Health Service Executive                    |
| Co-design  | Phase 3    | Chief Data and Analytics Officer                                                                             | Health Service Executive                    |
| Engagement | All phases | Anatomical Pathology Technician                                                                              | University Hospital Limerick                |
| Engagement | All phases | Consultant Pathologist Representative                                                                        | University Hospital Limerick                |
| Engagement | All phases | End of Life Care Coordinator                                                                                 | University Hospital Limerick                |
| Engagement | All phases | Deputy Directors                                                                                             | National Child Mortality Database (England) |
| Engagement | Phase 2    | Clinical Nurse Coordinator Life Limiting Conditions                                                          | CHI at Crumlin                              |
| Engagement | Phase 2    | Chair End of Life Care Committee                                                                             | CHI at Crumlin                              |
| Engagement | Phase 2    | End of Life Care Committee Member                                                                            | CHI at Crumlin                              |
| Engagement | Phase 2    | Consultant in General Paediatrics Representatives                                                            | CHI at Crumlin                              |
| Engagement | Phase 2    | Data Analytics Manager and Electronic Health Record Application Lead for Reporting and Business Intelligence | CHI at Crumlin                              |
| Engagement | Phase 2    | Healthcare Records Manager                                                                                   | CHI at Crumlin                              |
| Engagement | Phase 2    | Social worker                                                                                                | CHI at Crumlin                              |
| Engagement | Phase 2    | Clinical Nurse Specialist, Emergency Department                                                              | CHI at Crumlin                              |
| Engagement | Phase 2    | Electronic Health Record Design and Delivery Manager for Business Intelligence and Reporting                 | CHI at Crumlin                              |
| Engagement | Phase 2    | CNM Grade 3, Emergency Department                                                                            | CHI at Crumlin                              |
| Engagement | Phase 2    | Nursing Administration Representative                                                                        | CHI at Crumlin                              |
| Engagement | Phase 2    | Patient Flow Management Representative                                                                       | CHI at Crumlin                              |
| Engagement | Phase 2    | Hospital Site Manager and Bed Manager                                                                        | CHI at Crumlin                              |
| Engagement | Phase 2    | Consultant in Emergency Medicine                                                                             | CHI at Temple Street                        |
| Engagement | Phase 2    | CNM, Emergency Department                                                                                    | CHI at Temple Street                        |
| Engagement | Phase 2    | Palliative Care Lead – Temple St                                                                             | CHI at Temple Street                        |
| Engagement | Phase 2    | Clinical Nurse Coordinator Life Limiting Conditions                                                          | CHI at Temple Street                        |

|            |         |                                                                                         |                              |
|------------|---------|-----------------------------------------------------------------------------------------|------------------------------|
| Engagement | Phase 2 | End of Life Care Committee Representative                                               | CHI at Temple Street         |
| Engagement | Phase 2 | Postgraduate Education coordinator at Chi Temple street                                 | CHI at Temple Street         |
| Engagement | Phase 2 | Consultant in General Paediatrics Representatives                                       | CHI at Temple Street         |
| Engagement | Phase 2 | Clinical Lead, Child Death Review Pilot and Quality Improvement Project                 | CHI at Temple Street         |
| Engagement | Phase 2 | Integrated Patient Information Management System Healthcare Records Manager             | CHI at Temple Street         |
| Engagement | Phase 2 | CNM, Emergency Department                                                               | CHI at Temple Street         |
| Engagement | Phase 2 | Clinical Nurse Specialist, Neurodisability                                              | CHI at Tallaght              |
| Engagement | Phase 2 | Assistant Director of Nursing                                                           | CHI at Tallaght              |
| Engagement | Phase 2 | Consultant in Emergency Medicine and Emergency Department Clinical Lead                 | CHI at Tallaght              |
| Engagement | Phase 2 | Consultant in Neurodisability                                                           | CHI at Tallaght              |
| Engagement | Phase 2 | Emergency Department Clinical Lead                                                      | CHI (all sites)              |
| Engagement | Phase 2 | Paediatric Clinical Lead, Intensive Care Unit                                           | University Hospital Limerick |
| Engagement | Phase 2 | Paediatric Clinical Lead, Emergency Department                                          | University Hospital Limerick |
| Engagement | Phase 2 | Specialist Registrar in Paediatrics with special interest in Paediatric Palliative Care | University Hospital Limerick |
| Engagement | Phase 2 | Candidate Advanced Nurse Practitioner, Paediatric Neurodisability                       | University Hospital Limerick |
| Engagement | Phase 2 | Clinical Nurse Coordinator, Life Limiting Conditions                                    | University Hospital Limerick |
| Engagement | Phase 2 | Hospital Site Manager and Bed Manager                                                   | University Hospital Limerick |
| Engagement | Phase 2 | Quality Improvement Manager                                                             | University Hospital Limerick |
| Engagement | Phase 2 | Consultant in General Paediatrics Representatives                                       | University Hospital Limerick |
| Engagement | Phase 2 | Clinical Audit Lead                                                                     | University Hospital Limerick |
| Engagement | Phase 2 | Clinical Tutor in Paediatrics                                                           | University Hospital Limerick |
| Engagement | Phase 2 | Organ Donation Nurse Manager                                                            | University Hospital Limerick |
| Engagement | Phase 2 | Paediatric Clinical Lead, Intensive Care Unit                                           | University Hospital Limerick |
| Engagement | Phase 3 | ICT Transition Coordinator                                                              | CHI at Crumlin               |
| Engagement | Phase 3 | IT Technical Analyst                                                                    | NOCA                         |
| Engagement | Phase 3 | Irish Dementia Registry Project Manager                                                 | NOCA                         |
| Engagement | Phase 3 | Emergency Medicine Registry Project Manager                                             | NOCA                         |
| Engagement | Phase 4 | Paediatric Clinical Lead West North West Region                                         | HSE                          |

|              |         |                                                                 |                                   |
|--------------|---------|-----------------------------------------------------------------|-----------------------------------|
| Engagement   | Phase 4 | Paediatric Assistant Director of Nursing West North West Region | HSE                               |
| Engagement   | Phase 4 | National Paediatric Clinical Co-Lead                            | HSE                               |
| Consultation | Phase 2 | Consultant in Paediatric Oncology                               | CHI at Crumlin                    |
| Consultation | Phase 2 | Consultant in Paediatric Cardiology                             | CHI at Crumlin                    |
| Consultation | Phase 2 | Coroner for County Clare                                        | Coroners system                   |
| Consultation | Phase 2 | Coroner for County Limerick                                     | Coroners system                   |
| Consultation | Phase 2 | Coroner for County Tipperary                                    | Coroners system                   |
| Consultation | Phase 3 | PPI representative                                              | First light                       |
| Consultation | Phase 3 | Deputy Director Operations Manager (CD2) and HCR lead           | Temple Street                     |
| Consultation | Phase 4 | Consultant in Neurodisability                                   | CHI at Temple Street and Tallaght |

|                             |                                   |
|-----------------------------|-----------------------------------|
| <b>Levels of engagement</b> | <b>Phase of Audit Development</b> |
| Co-production               | Phase 1                           |
| Codesign                    | Phase 2                           |
| Engagement                  | Phase 3                           |
| Consultation                | Phase 4                           |
| Informing                   | Phase 5                           |
| Educating                   | All phases                        |

## APPENDIX 8: TYPICAL PATIENT PROCESS FLOW ILLUSTRATING PROCESSES FOLLOWING THE DEATH OF A CHILD, PERSONNEL INVOLVED AND SYSTEMS USED TO CAPTURE INFORMATION



