

Supplementary – Appendix 1 - Reported standardised mortality ratios for children and young people with intellectual disabilities

Author	Country	SMR overall (95% confidence interval) at all ages	Number of deaths of children/young people	SMR for children/young people
McGuigan et al (1995)[1]	England	-	18 aged 0-19 y	1.7 (0.3, 4.9) for males aged 0-9 y* 3.1 (0.6, 9.0) for females aged 0-9 y* 17.1 (2.1, 61.8) for males aged 2-14 y* 20.7 (2.5, 74.7) for females aged 2-14 y* 22.2 (6.1, 56.8) for males aged 7-19 y* 34.0 (9.3, 87.1) for females aged 7-19 y*
Forsgren et al (1996)[2]	Sweden	2.0 (1.7, 2.3)	12 aged 0-19 y	15.5 (10.2, 23.6) aged 0-19 y
Patja et al (2001)[3]	Finland	-	50 aged 2-19 y; 29 profound ID, 5 Severe ID, 7 moderate ID, 8 mild ID	Death from disease: 2.6 for males, 1.7 for females aged 2-19 y Accidental death: 0.1 for males, 0.1 for females aged 2-19 y
Decouflé & Autry (2002)[4]	USA	-	23 aged 10-20 y	3.3 (2.1, 5.0) aged 10-19 y 1.4 (0.6, 2.9) with mild ID aged 10-19 y 8.4 (4.8, 13.6) with severe ID aged 10-19 y
Shavelle et al. (2014) [5]	USA	1.65 for mild and moderate ID 1.85 for severe and profound ID	59 aged 5-19 y mild and moderate ID 7 aged 5-19 y severe and profound ID	1.26** for mild and moderate ID aged 5-19 y 8.30** for severe and profound ID aged 5-19 y
Ouellette-Kuntz et al (2015)[6]	Canada	2.5 (2.1, 2.9)	11 males aged 0-19 y 3 females aged 0-19 y	21.6 (10.8, 38.7) for males aged 0-19 y 18.1 (3.7, 53.0) for females aged 0-19 y
Arvio et al (2016)[7]	Finland	2.3 (2.2, 2.4) for mild ID; 2.0 (1.9, 2.1) for males, 2.8 (2.6, 3.0) for females 3.4 (3.3, 3.5) for severe ID; 2.6 (2.5, 2.7) for males, 5.2 (5.0, 5.5) for females	8 with mild ID aged 0-14 y; 4 males, 4 females 110 with severe ID aged 0-14 y; 42 males, 68 female	4.2 (1.8, 8.3) with mild ID aged 0-14 y; 3.2 (0.9, 8.1) for males, 6.3 (1.7, 16.2) for females 13.3 (10.9, -) with severe ID aged 0-14 y; 8.2 (5.9, 11.1) for males, 21.4 (16.6, 27.1) for females
McCarron et al (2015)[8]	Republic of Ireland	3.9 (3.7, 4.0)	272 aged 0-19 y	6.9 (5.9, 7.5) aged 0-19 y
Lauer et al (2015) [9]	USA	1.19	58 age 18-24 y	5.9** aged 18-24 y
Glover et al (2017)[10]	England	3.2 (2.9, 3.4)	33 aged 0-17 y	30.4 (18.3, 47.5) aged 0-9 y 17.3 (9.4, 29.0) aged 10-17 y
Trollor et al (2017) [11]	Australia	1.3 (1.2-1.5)	aged 20-24 y not provided	4.5** aged 20-24 y**
Bourke et al (2017)[12]	Australia	-	326 aged 1-27 y	aHR=6.0 (4.8, 7.6) aged 1-5 y aHR=12.6 (9.0, 17.7) aged 6-10 y aHR=4.9 (3.9, 6.1) aged 11-25 y

aHR=adjusted hazard ratio; ID=intellectual disabilities; SMR=standardised mortality ratio; y=years; *by individual birth cohorts **mortality ratio calculated from age-specific mortality rates

Supplementary References

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Supplementary – Appendix 2. Kaplan-Meier survival estimates for pupils with and without intellectual disabilities