

Supplemental Table 1. Crude mortality rates (CMRs) for adults with intellectual disabilities per 100,000 by age, sex, and deprivation (SIMD)

Variable	All deaths CMR (95% CI)	Avoidable deaths CMR (95% CI)	Treatable deaths CMR (95% CI)	Preventable deaths CMR (95% CI)
All deaths	3033.342 (2933.494-3136.588)	1061.407 (1000.147-1126.418)	705.000 (655.407-758.347)	664.966 (616.852-716.832)
Age				
25-34	641.267 (550.006-747.670)	298.996 (238.795-374.373)	173.103 (128.819-232.609)	173.103 (128.819-232.609)
35-44	1082.162 (966.380-1211.815)	569.939 (487.652-666.11)	367.935 (303.033-446.738)	303.005 (244.668-375.253)
45-54	2508.555 (2334.172-2695.966)	1159.359 (1042.774-1288.979)	749.177 (656.638-854.756)	728.837 (637.645-833.071)
55-64	4980.093 (4666.312-5314.974)	2564.171 (2341.845-2807.605)	1784.488 (1600.654-1989.435)	1663.691 (1486.526-1861.971)
65-74	8168.600 (7592.048-8788.937)	2822.336 (2100.319-3792.557)	1924.320 (1345.457-2752.23)	2245.040 (1611.925-3126.823)
75+	17634.187 (16280.32-19100.64)	-	-	-
Sex				
Male	2858.277 (2728.673-2994.036)	1080.500 (998.648-1169.062)	689.495 (624.745-760.957)	727.898 (661.282-801.224)
Female	3249.165 (3095.885-3410.034)	1037.165 (947.329-1135.519)	724.686 (650.247-807.646)	585.067 (518.583-660.076)
SIMD				
1 (most deprived)	2889.038 (2712.123-3077.493)	1128.080 (1014.64-1254.202)	702.576 (614.285-803.557)	745.456 (654.336-849.265)
2	3075.061 (2881.414-3281.722)	1136.144 (1015.345-1271.315)	758.675 (661.17-870.559)	706.353 (612.500-814.587)
3	3148.364 (2926.743-3386.768)	1107.029 (972.820-1259.754)	741.228 (632.937-868.048)	678.657 (575.395-800.451)
4	2965.524 (2719.464-3233.848)	818.743 (688.044-974.271)	605.999 (495.082-741.766)	502.850 (402.772-627.796)
5 (least deprived)	3243.259 (2909.631-	928.258 (749.540-1149.589)	640.940 (495.506-829.060)	519.383 (390.236-691.270)

deprived)	3615.142)			
-----------	-----------	--	--	--

Abbreviations: CMR=Crude Mortality Rate; CI=confidence interval

Supplemental Table 2. Crude mortality rates (CMRs) for adults without intellectual disabilities per 100,000 by age sex, and deprivation (SIMD)

Variable	All deaths CMR (95% CI)	Avoidable deaths CMR (95% CI)	Treatable deaths CMR (95% CI)	Preventable deaths CMR (95% CI)
All deaths	1674.140 (1661.752-1686.62)	375.904 (369.416-382.506)	181.234 (176.746-185.835)	302.758 (296.941-308.689)
Age				
25-34	100.202 (93.209-107.719)	71.260 (65.402-77.643)	19.931 (16.947-23.441)	62.251 (56.791-68.235)
35-44	210.565 (201.041-220.540)	149.263 (141.278-157.698)	64.825 (59.637-70.465)	119.316 (112.201-126.883)
45-54	473.375 (459.608-487.554)	339.628 (327.998-351.670)	167.238 (159.136-175.752)	268.460 (258.143-279.191)
55-64	1201.950 (1177.857-1226.536)	850.563 (830.334-871.286)	423.486 (409.283-438.182)	686.994 (668.838-705.642)
65-74	3239.052 (3190.963-3287.866)	1425.095 (1342.809-1512.424)	725.670 (667.640-788.744)	1153.461 (1079.674-1232.291)
75+	10808.359 (10697.54-10920.33)	-	-	-
Sex				
Male	1699.664 (1681.485-1718.039)	457.480 (447.184-468.014)	210.936 (203.982-218.127)	399.593 (389.978-409.446)
Female	1651.515 (1634.641-1668.564)	300.410 (292.4-308.639)	153.746 (148.046-159.665)	213.142 (206.413-220.092)
SIMD				
1 (most deprived)	2092.940 (2060.217-2126.183)	609.863 (590.622-629.730)	273.933 (261.138-287.354)	509.851 (492.285-528.043)
2	1938.103 (1907.799-1968.889)	456.686 (440.468-473.502)	212.333 (201.366-223.897)	373.836 (359.190-389.079)
3	1650.828 (1623.829-1678.276)	359.964 (346.099-374.384)	177.669 (168.009-187.885)	288.260 (275.882-301.194)
4	1460.076 (1435.342-1485.237)	278.420 (266.540-290.831)	141.002 (132.621-149.913)	217.085 (206.625-228.075)
5 (least deprived)	1319.1242 (1295.15-1343.542)	213.08986 (202.5298-224.2005)	116.50441 (108.7651-124.7945)	158.778 (149.699-168.408)

Abbreviations: CMR=Crude Mortality Rate; CI=confidence interval

Supplemental Figure 1. Kaplan-Meier survival analysis for risk of death for intellectual disabilities population and controls from 2011-2019

