

Table S4 –Unadjusted and Adjusted Mortality Rate Ratios by Multimorbidity Status (2+ Chronic Conditions) by Material Deprivation Quintile/Rural (N = 13,403,043)

MALES (N = 6,574,534)

Mortality						
	# Deaths within 1 year/Population		Unadjusted rate %		Unadjusted Rate Ratio	Adjusted Rate Ratio
	Multimorbidity (2+ Chronic Conditions)		Multimorbidity			
Material deprivation^a	No	Yes	No	Yes	Rate (95% CI)	Rate (95% CI)^b
1-least deprived	1,243/1,155,855	6,560/342,941	0.11	1.91	17.79 (16.74 - 18.90)	2.55 (2.38 - 2.72)
2	1,205/875,493	6,056/297,704	0.14	2.03	14.78 (13.89 - 15.72)	2.33 (2.17 - 2.49)
3	1,122/789,854	6,143/278,554	0.14	2.21	15.52 (14.57 - 16.54)	2.55 (2.38 - 2.74)
4	1,150/726,407	6,326/267,110	0.16	2.37	14.96 (14.05 - 15.93)	2.47 (2.31 - 2.65)
5 - most deprived	1,534/815,153	7,276/292,840	0.19	2.48	13.20 (12.50 - 13.95)	2.34 (2.20 - 2.49)
Rural	1,209/524,092	5,588/208,531	0.23	2.68	11.62 (10.92 - 12.36)	2.33 (2.18 - 2.50)
TOTAL	7,463/4,886,854	37,949/1,687,680	0.15	2.25	14.72 (14.36 - 15.09)	2.45 (2.39 - 2.52)

^a Place of residence is broken down by material deprivation for urban residents but not for rural residents. The material deprivation index is valid only within urban populations.²⁹

^b Adjusted for age, LHIN

FEMALES (N = 6,828,509)

Mortality						
	# Deaths within 1 year/Population		Unadjusted rate %		Unadjusted Rate Ratio	Adjusted Rate Ratio
	Multimorbidity (2+ Chronic Conditions)		Multimorbidity			
Material deprivation^a	No	Yes	No	Yes	Rate (95% CI)	Rate (95% CI)^b
1-least deprived	962/1,140,852	7,489/431,301	0.08	1.74	20.59 (19.26 - 22.02)	2.38 (2.21 - 2.56)
2	823/847,107	6,589/372,605	0.10	1.77	18.20 (16.93 - 19.57)	2.39 (2.21 - 2.58)
3	740/757,462	6,545/353,212	0.10	1.85	18.97 (17.58 - 20.47)	2.62 (2.41 - 2.84)
4	871/689,114	6,879/344,834	0.13	1.99	15.78 (14.71 - 16.94)	2.28 (2.12 - 2.46)
5 - most deprived	1,028/770,961	8,734/394,356	0.13	2.21	16.61 (15.57 - 17.72)	2.46 (2.29 - 2.64)
Rural	808/479,944	5,846/246,761	0.17	2.37	14.07 (13.07 - 15.15)	2.45 (2.26 - 2.64)
TOTAL	5,232/4,684,440	42,082/2,143,069	0.11	1.96	17.59 (17.09 - 18.10)	2.46 (2.39 - 2.54)

^a Place of residence is broken down by material deprivation for urban residents but not for rural residents. The material deprivation index is valid only within urban populations.²⁹

^b Adjusted for age, LHIN