

Table S5 –Unadjusted and Adjusted Mortality Rate Ratios by Multimorbidity Status (2+ Chronic Conditions) by Age (N = 13,581,191)

MALES (N = 6,664,110)

Mortality						
	# Deaths within 1 year/Population		Unadjusted rate %		Unadjusted Rate Ratio	Adjusted Rate Ratio
	Multimorbidity (2+ Chronic Conditions)		Multimorbidity			
Age	No MM	MM	No MM	MM	Rate (95% CI)	Rate (95% CI) ^a
0-17 years	174/1,382,411	30/36,753	0.01	0.08	6.49 (4.40 - 9.55)	6.41 (4.32 - 9.51)
18-24 years	246/584,043	76/55,019	0.04	0.14	3.28 (2.54 - 4.24)	3.33 (2.57 - 4.31)
25-29 years	174/407,489	62/40,646	0.04	0.15	3.57 (2.67 - 4.77)	3.50 (2.60 - 4.71)
30-34 years	187/392,542	106/41,757	0.05	0.25	5.33 (4.20 - 6.76)	5.30 (4.16 - 6.75)
35-39 years	238/377,979	139/54,078	0.06	0.26	4.08 (3.31 - 5.03)	4.01 (3.23 - 4.97)
40-44 years	362/387,910	277/82,789	0.09	0.33	3.59 (3.07 - 4.19)	3.50 (2.99 - 4.10)
45-49 years	479/388,799	585/125,957	0.12	0.46	3.77 (3.34 - 4.25)	3.64 (3.22 - 4.11)
50-54 years	783/359,570	1,117/173,164	0.22	0.65	2.96 (2.70 - 3.25)	2.90 (2.65 - 3.18)
55-59 years	908/264,964	1,797/196,339	0.34	0.92	2.67 (2.47 - 2.89)	2.60 (2.39 - 2.81)
60-64 years	941/178,226	2,687/205,396	0.53	1.31	2.48 (2.30 - 2.67)	2.40 (2.23 - 2.59)
65-69 years	868/114,050	3,521/204,234	0.76	1.72	2.27 (2.10 - 2.44)	2.24 (2.08 - 2.42)
70-74 years	651/59,748	4,450/166,712	1.09	2.67	2.45 (2.26 - 2.66)	2.42 (2.23 - 2.63)
75-79 years	563/31,636	5,686/137,287	1.78	4.14	2.33 (2.13 - 2.54)	2.31 (2.12 - 2.52)
80+ years	1,041/24,247	18,125/190,365	4.29	9.52	2.22 (2.08 - 2.36)	2.22 (2.08 - 2.36)
TOTAL	7,615/4,953,614	38,658/1,710,496	0.15	2.26	14.70 (14.34 - 15.07)	14.44 (14.09 - 14.81)

^a Adjusted for LHIN, Urban material deprivation and rural

FEMALES (N = 6,917,081)

Mortality						
	# Deaths within 1 year/Population		Unadjusted rate %		Unadjusted Rate Ratio	Adjusted Rate Ratio
	Multimorbidity (2+ Chronic Conditions)		Multimorbidity			
Age	No MM	MM	No MM	MM	Rate (95% CI)	Rate (95% CI)^a
0-17 years	106/1,319,277	29/28,016	0.01	0.10	12.88 (8.54 - 19.43)	13.37 (8.85 - 20.20)
18-24 years	112/550,718	51/62,468	0.02	0.08	4.01 (2.88 - 5.59)	3.87 (2.76 - 5.43)
25-29 years	96/396,733	72/59,573	0.02	0.12	4.99 (3.68 - 6.78)	4.84 (3.55 - 6.59)
30-34 years	114/392,619	88/70,210	0.03	0.13	4.32 (3.27 - 5.70)	4.31 (3.24 - 5.72)
35-39 years	125/372,821	166/88,334	0.03	0.19	5.60 (4.44 - 7.07)	5.60 (4.42 - 7.10)
40-44 years	202/371,469	263/116,753	0.05	0.23	4.14 (3.45 - 4.98)	3.99 (3.31 - 4.81)
45-49 years	343/364,324	529/160,238	0.09	0.33	3.51 (3.06 - 4.02)	3.34 (2.91 - 3.84)
50-54 years	440/329,844	954/211,480	0.13	0.45	3.38 (3.02 - 3.79)	3.22 (2.87 - 3.61)
55-59 years	484/241,831	1,481/236,325	0.20	0.63	3.13 (2.83 - 3.47)	3.06 (2.75 - 3.39)
60-64 years	465/166,431	2,047/241,101	0.28	0.85	3.04 (2.75 - 3.36)	2.98 (2.69 - 3.30)
65-69 years	482/108,886	2,795/231,230	0.44	1.21	2.73 (2.48 - 3.01)	2.68 (2.43 - 2.96)
70-74 years	456/61,282	3,552/191,492	0.74	1.85	2.49 (2.26 - 2.75)	2.46 (2.23 - 2.72)
75-79 years	441/34,411	4,930/165,644	1.28	2.98	2.32 (2.11 - 2.56)	2.31 (2.09 - 2.55)
80+ years	1,471/36,356	25,982/307,215	4.05	8.46	2.09 (1.98 - 2.20)	2.10 (1.99 - 2.21)
TOTAL	5,337/4,747,002	42,939/2,170,079	0.11	1.98	17.6 (17.11 - 18.11)	17.16 (16.67 - 17.66)

^a Adjusted for LHIN, Urban material deprivation and rural