

Supplementary material 5. Sex- and age-standardized mortality rate ratio (SMR) according to CKD category

Cause of death	CKD category	No. of Actual Deaths	No. of Expected Deaths ^a	SMR	(95% CI)
All-cause deaths	Non-CKD	2,523	-	1 (ref)	
	CKD stage 1-2	231	136.12	1.70	(1.49 to 1.93)
	G3a	567	518.8	1.09	(1.01 to 1.19)
	G3b	112	53.2	2.10	(1.73 to 2.53)
	G4-5	38	9.6	3.96	(2.80 to 5.43)
Cause-specific Cancer	Non-CKD	1,389	-	1 (ref)	
	CKD stage 1-2	117	74.4	1.57	(1.31 to 1.89)
	G3a	291	294.3	0.99	(0.88 to 1.11)
	G3b	47	30.2	1.56	(1.15 to 2.07)
	G4-5	10	5.4	1.87	(0.90 to 3.44)
Cardiovascular disease	Non-CKD	418	-	1 (ref)	
	CKD stage 1-2	53	22.5	2.35	(1.76 to 3.08)
	G3a	127	85.3	1.49	(1.24 to 1.77)
	G3b	34	8.9	3.84	(2.66 to 5.37)
	G4-5	15	1.6	9.32	(5.22 to 15.67)
Infection	Non-CKD	116	-	1 (ref)	
	CKD stage 1-2	14	6.4	2.18	(1.19 to 3.65)
	G3a	23	26.1	0.88	(0.56 to 1.32)
	G3b	4	2.8	1.41	(0.39 to 3.62)
	G4-5	1	0.5	1.96	(0.05 to 10.93)
Kidney disease	Non-CKD	10	-	1 (ref)	
	CKD stage 1-2	0	0.63	-	
	G3a	3	2.5	1.22	(0.25 to 3.58)
	G3b	6	0.3	22.63	(5.16 to 48.37)
	G4-5	4	0.05	87.33	(23.80 to 223.59)
Other	Non-CKD	574	-	1 (ref)	
	CKD stage 1-2	47	31.3	1.50	(1.10 to 2.00)
	G3a	121	108.5	1.12	(0.93 to 1.33)
	G3b	20	11.0	1.83	(1.12 to 2.82)
	G4-5	8	2.0	3.92	(1.69 to 7.73)
Missing	Non-CKD	16	-	1 (ref)	
	CKD stage 1-2	0	0.88	-	
	G3a	2	2.1	0.96	(0.12 to 3.47)
	G3b	1	0.2	5.24	(0.13 to 29.32)
	G4-5	0	0.04	-	

^a Adjusted for age and sex

CI, confidence interval; CKD, chronic kidney disease.