

Appendix

Supplementary Table I. Number of events for recurrent CHD, all-cause mortality, or the pooled outcome of CHD events or all-cause mortality associated with each “very high-risk” condition analyzed separately and chronic kidney disease

	No CKD		CKD	
	No DM (n = 2001)	DM (n = 627)	No DM (n = 742)	DM (n = 568)
Recurrent CHD events	123	54	90	85
All-cause mortality	207	64	168	155
Pooled outcome*	272	95	213	189
	No MetSyn (n = 1419)	MetSyn (n = 1209)	No MetSyn (n = 530)	MetSyn (n = 780)
Recurrent CHD events	82	95	70	105
All-cause mortality	148	123	129	194
Pooled outcome*	188	179	168	234
	Not smoking (n = 2240)	Current smoking (n = 388)	Not smoking (n = 1094)	Current smoking (n = 216)
Recurrent CHD events	137	40	141	34
All-cause mortality	208	63	263	60
Pooled outcome*	281	86	323	79

* Pooled outcome includes composite of recurrent CHD or all-cause mortality. Recurrent CHD events and all-cause mortality do not sum to the number of pooled outcome events as some participants had recurrent events and died.

Supplementary Table II. Crude incidence rates (95% CI) per 1,000 person-years of recurrent CHD events, all-cause mortality or the pooled outcome of CHD events or all-cause mortality associated with each “very high risk” condition analyzed separately and chronic kidney disease

	No CKD		CKD	
	No DM (n = 2,001)	DM (n = 627)	No DM (n = 742)	DM (n = 568)
Recurrent CHD events	14.6 (12.0-17.1)	20.3 (14.9-25.8)	30.7 (24.4-37.1)	39.5 (31.1-47.9)
All-cause mortality	22.7 (19.6-25.8)	21.8 (16.4-27.1)	52.3 (44.4-60.2)	64.9 (54.7-75.1)
Pooled outcome*	32.2 (28.4-36.0)	35.8 (28.6-43.0)	72.8 (63.0-82.5)	87.8 (75.2-100.3)
	No CKD	CKD	No CKD	CKD
	No MetSyn (n = 1,419)	MetSyn (n = 1,209)	No MetSyn (n = 530)	MetSyn (n = 780)
Recurrent CHD events	13.7 (10.7-16.7)	18.6 (14.8-22.3)	34.2 (26.2-42.2)	34.6 (28.0-41.2)
All-cause mortality	23.0 (19.6-27.0)	21.9 (18.0-25.8)	57.4 (47.5-67.3)	57.9 (49.7-66.0)
Pooled outcome*	31.4 (27.0-35.9)	35.0 (29.9-40.1)	82.1 (69.7-94.5)	77.1 (37.3-87.0)
	No CKD	CKD	No CKD	CKD
	Not smoking (n = 2,240)	Current smoking (n = 388)	Not smoking (n = 1,094)	Current smoking (n = 216)
Recurrent CHD events	14.3 (11.9-16.6)	26.8 (18.5-35.1)	32.6 (27.2-38.0)	45.2 (30.0-60.4)
All-cause mortality	20.0 (17.3-22.8)	37.8 (28.5-47.2)	55.7 (48.9-62.4)	68.5 (51.2-85.9)
Pooled outcome*	29.2 (25.8-32.7)	57.6 (45.4-69.7)	74.6 (66.5-82.8)	105.0 (81.8-128.1)

Numbers in table are incidence rate (95% confidence interval) per 1,000 person-years. CKD, chronic kidney disease.

* Pooled outcome includes composite of recurrent CHD or all-cause mortality.

Supplementary Table III. Number of events and population at risk for secondary definitions of chronic kidney disease

	Number at risk	Recurrent CHD events	All-cause mortality	Pooled Outcome*
eGFR <60 mL/min per 1.73 m ²				
Not DM, MetSyn or smoking and no CKD	1253	77 (6.1%)	129 (10.3%)	168 (13.4%)
DM, MetSyn or smoking only	1941	173 (8.9%)	261 (13.4%)	355 (18.3%)
CKD only	234	32 (13.7%)	52 (22.2%)	68 (29.1%)
Both DM, MetSyn or smoking and CKD	510	70 (13.7%)	152 (29.8%)	178 (34.9%)
ACR ≥30 mg/g				
Not DM, MetSyn or smoking and no CKD	1280	78 (6.1%)	132 (10.3%)	170 (13.3%)
DM, MetSyn or smoking only	1793	150 (8.4%)	231 (12.9%)	311 (17.3%)
CKD only	207	31 (14.9%)	49 (23.7%)	66 (31.9%)
Both DM, MetSyn or smoking and CKD	658	93 (14.1%)	182 (27.7%)	222 (33.7%)
eGFR <60 mL/min per 1.73 m ² and ACR ≥30 mg/g				
Not DM, MetSyn or smoking and no CKD	1416	97 (6.9%)	157 (11.1%)	207 (14.6%)
DM, MetSyn or smoking only	2223	204 (9.2%)	325 (14.6%)	403 (18.1%)
CKD only	71	12 (16.9%)	24 (33.8%)	29 (40.8%)
Both DM, MetSyn or smoking and CKD	228	39 (17.1%)	88 (38.6%)	103 (45.2%)
eGFR <45 mL/min per 1.73 m ²				
Not DM, MetSyn or smoking and no CKD	1417	97 (6.8%)	159 (11.2%)	208 (14.7%)
DM, MetSyn or smoking only	2256	212 (9.4%)	343 (15.2%)	450 (19.9%)
CKD only	70	12 (17.1%)	22 (31.4%)	28 (40.0%)
Both DM, MetSyn or smoking and CKD	195	31 (15.9%)	70 (35.9%)	83 (42.6%)

ACR albumin to creatinine ratio; eGFR, estimated glomerular filtration rate. *Pooled outcome includes composite of recurrent CHD or all-cause mortality. Recurrent CHD events and all-cause mortality do not sum to the number of pooled outcome events as some participants had recurrent events and died.

Supplementary Table IV. Crude incidence rates (95% CI) of recurrent CHD events, all-cause mortality or the pooled outcome of CHD events or all-cause mortality per 1,000 person-years using alternate definitions of CKD

	No CKD		CKD	
	Not DM, MetSyn or Smoking	DM, MetSyn or Smoking	No DM, MetSyn or Smoking	DM, MetSyn or Smoking
Recurrent CHD Events				
eGFR <60 mL/min per 1.73 m ²	14.5 (11.2-17.7)	21.7 (18.4-24.9)	33.8 (22.1-45.5)	36.4 (27.9-44.9)
ACR ≥30 mg/g	14.3 (11.1-17.4)	20.3 (17.0-23.5)	38.8 (25.2-52.5)	37.0 (29.5-44.5)
eGFR <60 mL/min per 1.73 m ² and ACR ≥30 mg/g	16.2 (13.0-19.4)	22.4 (18.2-26.6)	41.9 (18.2-65.6)	47.8 (32.8-62.8)
eGFR <45 mL/min per 1.73 m ²	16.2 (13.0-19.4)	23.0 (19.9-26.1)	41.8 (18.2-65.5)	45.1 (29.2-61.0)
All-cause mortality				
eGFR <60 mL/min per 1.73 m ²	22.6 (18.7-26.5)	29.6 (26.0-33.2)	50.0 (36.8-64.2)	72.5 (61.0-84.0)
ACR ≥30 mg/g	22.5 (18.7-26.4)	28.5 (24.8-32.2)	55.3 (39.8-70.8)	65.1 (55.6-74.5)
eGFR <60 mL/min per 1.73 m ² and ACR ≥30 mg/g	24.4 (20.6-28.2)	32.5 (29.0-36.0)	77.4 (46.4-108.4)	97.9 (77.5-118.4)
eGFR <45 mL/min per 1.73 m ²	24.7 (20.9-28.6)	33.8 (30.2-37.4)	69.6 (40.5-98.6)	92.2 (70.6-113.8)
Pooled outcome*				
eGFR <60 mL/min per 1.73 m ²	31.6 (26.8-36.3)	44.4 (39.8-49.1)	71.8 (54.7-88.9)	92.5 (78.9-106.1)
ACR ≥30 mg/g	31.1 (26.4-35.7)	42.0 (37.4-46.7)	82.7 (62.8-102.7)	88.3 (76.7-99.9)
eGFR <60 mL/min per 1.73 m ² and ACR ≥30 mg/g	34.6 (29.9-39.3)	47.3 (42.8-51.7)	101.2 (64.4-138.1)	126.1 (101.8-150.5)
eGFR <45 mL/min per 1.73 m ²	34.8 (30.0-39.5)	48.8 (44.3-53.3)	97.6 (61.5-133.8)	120.7 (94.7-146.7)

Numbers in table are incidence rate (95% confidence interval) per 1,000 person-years. ACR, albumin to creatinine ratio; eGFR, estimated glomerular filtration rate.

*Pooled outcome includes composite of recurrent CHD or all-cause mortality.