

Supplementary Table 3. Sex-stratified Multivariable Fully Adjusted Cox Proportional Hazard Models for Demographic, Socioeconomic, Health Behavioural, and Number of Chronic Morbidities and of Index Prospective ACSC Hospitalization for Pooled Study Participants from CCHS Cycles 2000/2001-2007 Followed from Time of Interview to Index ACSC Hospitalization, Death, or Five Years after Time of Interview (1825 days) (n=219,595).

	MALES		FEMALES	
	Sub-cohort HR (95% CI)	Full cohort HR (95% CI)	Sub-cohort HR (95% CI)	Full cohort HR (95% CI)
DEMOGRAPHICS				
Self-identified Ethnicity				
White	1.00	1.00	1.00	1.00
Visible minorities	0.89 (0.63, 1.27)	0.90 (0.72, 1.14)	1.00 (0.74, 1.36)	1.08 (0.82, 1.42)
Urban/Rural				
Urban	1.00	1.00	1.00	1.00
Rural	1.03 (0.89, 1.19)	1.13 (1.01, 1.26)	1.18 (1.01, 1.37)	1.15 (1.03, 1.29)
SES				
Marital Status				
Single	0.86 (0.67, 1.09)	0.90 (0.76, 1.07)	0.93 (0.69, 1.26)	0.99 (0.77, 1.27)
Married or common-law	1.00	1.00	1.00	1.00
Separated or divorced	1.22 (0.96, 1.55)	1.02 (0.86, 1.20)	1.06 (0.85, 1.32)	1.01 (0.84, 1.21)
Widowed	1.38 (1.05, 1.81)	1.45 (1.08, 1.94)	1.07 (0.87, 1.32)	1.14 (0.96, 1.34)
Immigrant Status				
Canada-born	1.00	1.00	1.00	1.00
Immigrant	0.70 (0.55, 0.88)	0.83 (0.69, 0.98)	0.62 (0.50, 0.78)	0.69 (0.57, 0.84)
Household National Income Quintile				
Lowest	1.79 (1.36, 2.36)	1.58 (1.25, 2.00)	1.76 (1.32, 2.35)	1.52 (1.22, 1.91)
Lower-middle	1.65 (1.27, 2.14)	1.47 (1.19, 1.81)	1.62 (1.17, 2.24)	1.53 (1.18, 1.99)
Middle	1.17 (0.90, 1.51)	1.11 (0.90, 1.36)	1.30 (0.99, 1.71)	1.04 (0.83, 1.30)
Upper-middle	1.13 (0.87, 1.47)	1.17 (0.95, 1.44)	1.43 (1.03, 1.99)	1.31 (1.00, 1.72)
Highest	1.00	1.00	1.00	1.00
Household Education				

Less than secondary	1.21 (0.97, 1.51)	1.16 (0.99, 1.37)	1.22 (1.04, 1.43)	1.30 (1.13, 1.48)
Secondary completed	1.09 (0.88, 1.37)	1.14 (0.96, 1.37)	1.01 (0.82, 1.26)	1.09 (0.92, 1.28)
Some post-secondary	1.25 (0.95, 1.64)	1.11 (0.91, 1.36)	1.16 (0.87, 1.56)	1.29 (1.00, 1.66)
Post-secondary completed	1.00	1.00	1.00	1.00
BEHAVIOURAL				
Smoking				
Heavy smoker	2.20 (1.67, 2.88)	2.65 (2.17, 3.23)	3.16 (2.39, 4.17)	3.41 (2.81, 4.13)
Light smoker	1.90 (1.49, 2.42)	1.99 (1.66, 2.38)	2.44 (2.00, 2.99)	2.66 (2.27, 3.11)
Former heavy	1.40 (1.11, 1.76)	1.60 (1.33, 1.92)	1.96 (1.51, 2.54)	1.93 (1.55, 2.40)
Former light	1.42 (1.11, 1.82)	1.25 (1.04, 1.51)	1.40 (1.15, 1.69)	1.52 (1.27, 1.82)
Never	1.00	1.00	1.00	1.00
Alcohol Consumption				
Heavy	0.77 (0.57, 1.04)	0.77 (0.61, 0.98)	1.24 (0.73, 2.12)	1.47 (0.97, 2.22)
Moderate	0.90 (0.69, 1.17)	0.87 (0.71, 1.07)	1.02 (0.68, 1.53)	0.94 (0.69, 1.28)
Light	1.00	1.00	1.00	1.00
Never	1.33 (1.08, 1.64)	1.22 (1.02, 1.47)	1.75 (1.23, 2.49)	1.67 (1.27, 2.19)
BMI				
Obese	1.19 (0.93, 1.51)	1.28 (1.06, 1.54)	1.12 (0.91, 1.37)	1.13 (0.95, 1.35)
Over weight	0.95 (0.76, 1.19)	0.96 (0.81, 1.14)	0.96 (0.78, 1.16)	0.89 (0.77, 1.03)
Normal weight	1.00	1.00	1.00	1.00
Under weight	1.65 (0.76, 3.57)	1.98 (1.14, 3.43)	2.32 (1.58, 3.41)	2.78 (1.61, 4.81)
Physical Activity				
Inactive	1.29 (1.05, 1.59)	1.28 (1.10, 1.48)	1.23 (0.99, 1.52)	1.11 (0.95, 1.30)
Moderate	1.04 (0.84, 1.30)	1.20 (1.00, 1.43)	0.83 (0.65, 1.06)	0.88 (0.72, 1.09)
Active	1.00	1.00	1.00	1.00
HEALTH STATUS				
Number of Chronic Morbidities	1.40 (1.35, 1.46)	1.37 (1.33, 1.41)	1.36 (1.32, 1.41)	1.35 (1.31, 1.38)