

Web table 1. Mortality by occupational class in 1913 never smoking women with information on co-resident's smoking habit and duration

	Occupational class				Trend p across all 6 occupational classes
	I & II	IIIN	IIIM	IV & V	
No of women	394	505	371	643	
All cause					
No of deaths	137	214	187	291	
Relative rate ₁ (95% CI)	1	1.27 (1.02 to 1.57)	1.41 (1.13 to 1.76)	1.25 (1.02 to 1.53)	0.07
Relative rate ₂ (95% CI)	1	1.26 (1.02 to 1.57)	1.40 (1.12 to 1.74)	1.23 (1.0 to 1.51)	0.10
Relative rate ₃ (95% CI)	1	1.26 (1.01 to 1.56)	1.28 (1.02 to 1.60)	1.14 (0.93 to 1.40)	0.54
Relative rate ₄ (95% CI)	1	1.26 (1.01 to 1.56)	1.26 (1.01 to 1.58)	1.12 (0.91 to 1.38)	0.65
Cardiovascular disease					
No of deaths	62	84	96	161	
Relative rate ₁ (95% CI)	1	1.10 (0.79 to 1.53)	1.54 (1.11 to 2.12)	1.49 (1.11 to 1.99)	0.001
Relative rate ₂ (95% CI)	1	1.10 (0.79 to 1.53)	1.52 (1.10 to 2.10)	1.47 (1.09 to 1.97)	0.002
Relative rate ₃ (95% CI)	1	1.09 (0.78 to 1.51)	1.33 (0.96 to 1.83)	1.29 (0.96 to 1.73)	0.06
Relative rate ₄ (95% CI)	1	1.09 (0.78 to 1.51)	1.31 (0.94 to 1.81)	1.27 (0.94 to 1.71)	0.08
Coronary heart disease					
No of deaths	32	44	48	87	
Relative rate ₁ (95% CI)	1	1.11 (0.70 to 1.75)	1.55 (0.99 to 2.43)	1.59 (1.06 to 2.39)	0.014
Relative rate ₂ (95% CI)	1	1.11 (0.70 to 1.75)	1.54 (0.98 to 2.42)	1.58 (1.05 to 2.37)	0.016
Relative rate ₃ (95% CI)	1	1.06 (0.67 to 1.68)	1.29 (0.82 to 2.04)	1.35 (0.89 to 2.04)	0.14
Relative rate ₄ (95% CI)	1	1.06 (0.67 to 1.68)	1.28 (0.81 to 1.96)	1.34 (0.89 to 1.96)	0.16

		1.68)	2.03)	2.02)	
Stroke					
No of deaths	21	27	36	53	
Relative rate ₁ (95% CI)	1	1.07 (0.60 to 1.89)	1.58 (0.92 to 2.71)	1.40 (0.84 to 2.32)	0.045
Relative rate ₂ (95% CI)	1	1.07 (0.60 to 1.89)	1.55 (0.90 to 2.66)	1.37 (0.82 to 2.27)	0.059
Relative rate ₃ (95% CI)	1	1.07 (0.60 to 1.89)	1.43 (0.83 to 2.47)	1.26 (0.75 to 2.09)	0.16
Relative rate ₄ (95% CI)	1	1.06 (0.60 to 1.89)	1.39 (0.80 to 2.41)	1.22 (0.73 to 2.05)	0.20
Respiratory					
No of deaths	9	7	14	22	
Relative rate ₁ (95% CI)	1	0.66 (0.25 to 1.77)	1.49 (0.64 to 3.45)	1.38 (0.63 to 3.0)	0.24
Relative rate ₂ (95% CI)	1	0.66 (0.25 to 1.78)	1.53 (0.66 to 3.56)	1.42 (0.65 to 3.09)	0.21
Relative rate ₃ (95% CI)	1	0.67 (0.25 to 1.80)	1.26 (0.53 to 2.98)	1.27 (0.58 to 2.78)	0.41
Relative rate ₄ (95% CI)	1	0.67 (0.25 to 1.81)	1.30 (0.55 to 3.07)	1.31 (0.60 to 2.87)	0.37
Cancer					
No of deaths	47	92	50	70	
Relative rate ₁ (95% CI)	1	1.57 (1.11 to 2.24)	1.17 (0.78 to 1.74)	0.91 (0.63 to 1.31)	0.16
Relative rate ₂ (95% CI)	1	1.57 (1.10 to 2.23)	1.16 (0.78 to 1.73)	0.90 (0.62 to 1.31)	0.15
Relative rate ₅ (95% CI)	1	1.58 (1.11 to 2.24)	1.13 (0.75 to 1.69)	0.87 (0.60 to 1.27)	0.09
Relative rate ₆ (95% CI)	1	1.57 (1.11 to 2.24)	1.12 (0.75 to 1.68)	0.87 (0.59 to 1.26)	0.09
Smoking related cancers					
No of deaths	16	24	15	25	
Relative rate ₁ (95% CI)	1	1.21 (0.65 to 2.29)	1.05 (0.52 to 2.14)	0.96 (0.51 to 1.80)	0.59
Relative rate ₂ (95% CI)	1	1.21 (0.64 to	1.05 (0.52 to	0.96 (0.51 to	0.58

		2.28)	2.13)	1.80)	
Relative rate ₅ (95% CI)	1	1.22 (0.65 to 2.30)	0.98 (0.48 to 2.01)	0.91 (0.48 to 1.72)	0.43
Relative rate ₆ (95% CI)	1	1.22 (0.65 to 2.30)	0.98 (0.48 to 2.01)	0.90 (0.48 to 1.71)	0.43
Non-smoking related cancers					
No of deaths	31	68	35	45	
Relative rate ₁ (95% CI)	1	1.76 (1.15 to 2.69)	1.23 (0.76 to 2.0)	0.88 (0.56 to 1.39)	0.18
Relative rate ₂ (95% CI)	1	1.75 (1.15 to 2.68)	1.22 (0.75 to 1.98)	0.87 (0.55 to 1.38)	0.17
Relative rate ₅ (95% CI)	1	1.76 (1.15 to 2.69)	1.20 (0.74 to 1.96)	0.85 (0.54 to 1.36)	0.14
Relative rate ₆ (95% CI)	1	1.76 (1.15 to 2.69)	1.20 (0.73 to 1.95)	0.85 (0.53 to 1.35)	0.13
Breast cancer					
No of deaths	12	25	10	10	
Relative rate ₁ (95% CI)	1	1.66 (0.83 to 3.30)	0.88 (0.38 to 2.04)	0.50 (0.21 to 1.15)	0.024
Relative rate ₂ (95% CI)	1	1.66 (0.83 to 3.31)	0.88 (0.38 to 2.06)	0.50 (0.22 to 1.16)	0.026
Relative rate ₅ (95% CI)	1	1.69 (0.85 to 3.36)	0.92 (0.39 to 2.16)	0.52 (0.22 to 1.22)	0.039
Relative rate ₆ (95% CI)	1	1.69 (0.85 to 3.37)	0.92 (0.39 to 2.18)	0.52 (0.22 to 1.23)	0.042

Relative rate₁ adjusted for age

Relative rate₂ adjusted for age and co-resident's pack years

Relative rate₃ adjusted for age, body mass index, systolic blood pressure, cholesterol, height, % predicted FEV1, angina, ischaemia on ECG and bronchitis

Relative rate₄ adjusted for age, body mass index, systolic blood pressure, cholesterol, height, % predicted FEV1, angina, ischaemia on ECG, bronchitis and co-resident's pack years

Relative rate₅ adjusted for age, body mass index, systolic blood pressure, cholesterol, height and % predicted FEV1

Relative rate₆ adjusted for age, body mass index, systolic blood pressure, cholesterol, height, % predicted FEV1 and co-resident's pack years