

**Appendix 2: Relative hazard of mortality among 18 722 patients receiving hemodialysis, by patient characteristic**

Characteristic	Cause of death; adjusted* hazard ratio (95% CI)		
	All causes	Infectious causes	Cardiovascular causes
<b>Age, yr</b>			
< 45	0.21 (0.19-0.23)	0.40 (0.30-0.53)	0.26 (0.22,0.30)
45-64.9	0.43 (0.40-0.45)	0.67 (0.55-0.82)	0.50 (0.46,0.55)
65-74.9	0.66 (0.63-0.69)	0.80 (0.66-0.97)	0.69 (0.64,0.75)
≥ 75	1.0	1.0	1.0
Female	1.01 (0.98-1.05)	1.17 (1.02-1.34)	0.92 (0.86,0.98)
<b>Ethnic background</b>			
White	1.0	1.0	1.0
Aboriginal	1.00 (0.91-1.10)	0.89 (0.65-1.23)	0.97 (0.83,1.14)
Other	0.64 (0.59-0.69)	0.66 (0.50-0.87)	0.67 (0.59,0.76)
Unknown	1.06 (0.998-1.12)	0.98 (0.78-1.23)	0.96 (0.86,1.06)
<b>Cause of kidney failure</b>			
Diabetic nephropathy	1.0	1.0	1.0
Glomerulonephritis	0.55 (0.52-0.59)	0.46 (0.35-0.59)	0.54 (0.49,0.61)
Hypertensive or ischemic renal disease	0.72 (0.68-0.76)	0.61 (0.49-0.75)	0.68 (0.63,0.74)
Polycystic kidney disease	0.47 (0.41-0.52)	0.50 (0.33-0.74)	0.41 (0.33,0.49)
Other	0.75 (0.72-0.79)	0.71 (0.59-0.86)	0.57 (0.52,0.62)
<b>Comorbidity</b>			
Diabetes mellitus	1.18 (1.11-1.27)	1.11 (0.85-1.46)	1.42 (1.27,1.58)
Coronary disease	1.17 (1.13-1.22)	1.00 (0.85-1.17)	1.46 (1.37,1.57)
Hypertension	0.81 (0.77-0.84)	0.76 (0.65-0.89)	0.88 (0.81,0.95)
Chronic heart failure	1.26 (1.21-1.31)	1.34 (1.14-1.56)	1.33 (1.24,1.42)
Stroke or transient ischemic attack	1.18 (1.11-1.24)	1.26 (1.02-1.55)	1.21 (1.11,1.32)
Chronic lung disease	1.13 (1.07-1.19)	1.16 (0.94-1.44)	1.13 (1.03,1.23)
Peripheral vascular disease	1.21 (1.16-1.27)	1.21 (1.01-1.44)	1.27 (1.18,1.37)
Malignant disease	1.31 (1.24-1.38)	1.19 (0.95-1.49)	0.93 (0.83,1.04)
Other serious illness	1.36 (1.28-1.44)	1.74 (1.43-2.13)	1.14 (1.03,1.26)
Current smoker	1.23 (1.16-1.30)	1.08 (0.88-1.33)	1.16 (1.06,1.28)
In lowest quintile of socioeconomic status	1.05 (1.00-1.09)	1.09 (0.94-1.27)	1.04 (0.97,1.11)
<b>Distance to nephrologist, km</b>			
≤ 50	1.0	1.0	1.0
50.1-150	1.06 (1.01-1.12)	1.17 (0.97-1.42)	0.94 (0.86,1.03)
150.1-300	1.13 (1.04-1.22)	1.14 (0.86-1.52)	0.93 (0.81,1.07)
> 300	1.13 (1.03-1.24)	1.75 (1.32-2.32)	0.93 (0.79,1.09)
Trend <i>p</i> value†	< 0.001	< 0.001	0.21

Note: CI = confidence interval.

\*Adjusted for all variables in the table, as well as for geographic region of residence (Atlantic, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia) and year of dialysis initiation (1990-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000).

†Linear trend for risk of death across distance categories.