

Table 3. Relative risk (RR) of mortality for the American Cancer Society Study due to selected causes associated with increases in sulfates (SO_4^{2-}) of $19.9 \mu\text{g}/\text{m}^3$ and fine particulate matter ($\text{PM}_{2.5}$) of $24.4 \mu\text{g}/\text{m}^3$ by covariate model specification, time axis and cause of death. (95% confidence intervals given in parentheses; percentage of deaths given in square brackets and is the same for $\text{PM}_{2.5}$ and SO_4^{2-}).

Model	Time Axis			
	Calendar Year		Age	
	$\text{PM}_{2.5}$	SO_4^{2-}	$\text{PM}_{2.5}$	SO_4^{2-}
	<i>All Causes</i> [100%]			
Base	1.27 (1.18-1.37)	1.26 (1.19-1.33)	1.26 (1.17-1.35)	1.25 (1.18-1.32)
Original	1.18 (1.10-1.27)	1.17 (1.10-1.23)	1.18 (1.10-1.27)	1.16 (1.10-1.22)
Full	1.17 (1.09-1.26)	1.15 (1.09-1.21)	1.17 (1.09-1.25)	1.14 (1.08-1.20)
Extended	1.18 (1.09-1.26)	1.15 (1.09-1.21)	1.17 (1.09-1.25)	1.14 (1.08-1.20)
	<i>Cardiopulmonary</i> [50%]			
Base	1.41 (1.27-1.56)	1.39 (1.28-1.50)	1.41 (1.27-1.60)	1.28 (1.27-1.49)
Original	1.30 (1.18-1.45)	1.27 (1.17-1.38)	1.30 (1.18-1.45)	1.27 (1.17-1.37)
Full	1.28 (1.15-1.42)	1.25 (1.15-1.35)	1.28 (1.15-1.42)	1.24 (1.14-1.34)
Extended	1.30 (1.17-1.44)	1.25 (1.16-1.36)	1.29 (1.17-1.43)	1.25 (1.15-1.35)
	<i>Cardiovascular</i> [43%]			
Base	1.47 (1.32-1.65)	1.47 (1.35-1.60)	1.46 (1.31-1.63)	1.46 (1.34-1.59)
Original	1.36 (1.22-1.52)	1.35 (1.24-1.46)	1.36 (1.22-1.52)	1.35 (1.24-1.47)
Full	1.34 (1.20-1.49)	1.33 (1.22-1.45)	1.33 (1.19-1.48)	1.32 (1.21-1.43)
Extended	1.35 (1.21-1.51)	1.34 (1.23-1.46)	1.34 (1.20-1.50)	1.33 (1.22-1.44)
	<i>Respiratory</i> [7%]			
Base	1.07 (0.80-1.42)	0.94 (0.75-1.17)	1.09 (0.82-1.45)	0.95 (0.76-1.18)
Original	0.98 (0.74-1.30)	0.84 (0.67-1.04)	1.01 (0.76-1.34)	0.85 (0.68-1.05)
Full	0.96 (0.72-1.27)	0.81 (0.65-1.01)	0.99 (0.74-1.32)	0.82 (0.66-1.03)
Extended	0.98 (0.74-1.30)	0.82 (0.65-1.02)	1.00 (0.76-1.33)	0.83 (0.66-1.03)
	<i>Lung Cancer</i> [8%]			
Base	1.23 (0.96-1.57)	1.63 (1.35-1.97)	1.21 (0.95-1.54)	1.62 (1.34-1.95)
Original	1.03 (0.81-1.31)	1.36 (1.13-1.66)	1.02 (0.80-1.30)	1.36 (1.12-1.64)
Full	0.99 (0.78-1.26)	1.32 (1.09-1.60)	0.98 (0.77-1.25)	1.31 (1.09-1.59)
Extended	1.00 (0.79-1.28)	1.33 (1.10-1.61)	0.99 (0.78-1.26)	1.32 (1.09-1.60)
	<i>Other Cancers</i> [27%]			

Base	1.18 (1.03-1.36)	1.15 (1.03-1.28)	1.17 (1.02-1.37)	1.14 (1.02-1.26)
Original	1.14 (0.99-1.30)	1.10 (0.99-1.23)	1.13 (0.98-1.29)	1.10 (0.99-1.22)
Full	1.14 (1.00-1.31)	1.10 (0.99-1.23)	1.13 (0.98-1.29)	1.09 (0.98-1.21)
Extended	1.14 (0.99-1.31)	1.10 (0.99-1.22)	1.12 (0.98-1.29)	1.08 (0.97-1.21)
	<i>Other Causes</i> [15%]			
Base	1.06 (0.88-1.27)	0.93 (0.81-1.07)	1.05 (0.88-1.26)	0.92 (0.80-1.06)
Original	1.01 (0.85-1.22)	0.88 (0.76-1.02)	1.01 (0.84-1.21)	0.87 (0.75-1.01)
Full	1.01 (0.84-1.21)	0.86 (0.75-1.00)	1.00 (0.83-1.20)	0.85 (0.74-0.99)
Extended	1.00 (0.84-1.21)	0.86 (0.75-1.00)	0.99 (0.83-1.19)	0.85 (0.74-0.99)