

Major Epidemiologic Studies of PM_{2.5} and Total Mortality in California

Relative risk of death from all causes (RR and 95% CI) associated with increase of 10 µg/m³ in PM_{2.5}

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McDonnell 2000	AHSMOG Cohort (~3,800 Adventists in 9 CA airsheds)	RR ~ 1.03 (0.95 – 1.12) during 1976-1992
Krewski 2000	CA CPS II (Krewski 2010) (40,408 residents in 4 CA “Cities”/MSAs)	RR = 0.872 (0.805-0.944) during 1982-1989
Enstrom 2005	CA CPS I Cohort (35,783 elderly residents in 11 CA counties)	RR = 1.039 (1.010-1.069) during 1973-1982 RR = 0.997 (0.978-1.016) during 1983-2002
Zeger 2008	“West” portion of MCAPS Cohort (~3 M enrollees in CA, OR, WA)	RR = 0.989 (0.970-1.008) during 2000-2005
Jerrett 2010	CA CPS II Cohort (~95,000 residents in ~50 CA Counties)	RR ~ 0.994 (0.965-1.025) during 1982-2000
Krewski 2010	CA CPS II Cohort (40,408 residents in 4 CA “Cities”/MSAs) (50,930 residents in 7 CA “Cities”/MSAs)	RR = 0.960 (0.920-1.002) during 1982-2000 RR = 0.968 (0.916-1.022) during 1982-2000
Ostro 2010	CA Teachers Cohort (~45,000 female teachers throughout CA)	RR ~ 1.8 (1.6 – 2.0) during 2002-2007