

Outcome	Pollutant	Lag day	All Year					Cool Season (October-March)				
			beta*100 (% change in mortality per unit increase)	IQR (μg/m ³)	excess risk per IQR	95% Lower CL	95% Upper CL	beta*100 (% change in mortality per unit increase)	IQR (μg/m ³)	excess risk per IQR	95% Lower CL	95% Upper CL
over 65	PM2.5c ^a	0	0.034	14.625	0.50	-0.40	1.40	0.060	21.47	1.30	-0.82	3.46
		1	-0.011	14.625	-0.16	-1.59	1.29	0.016	21.47	0.34	-2.94	3.74
		2	0.026	14.625	0.38	-0.47	1.24	0.026	21.47	0.56	-1.64	2.81
		3	0.070	14.625	1.03	0.17	1.90	0.095	21.47	2.06	0.00	4.17
	EC	0	-0.200	0.795	-0.16	-1.18	0.87	0.394	1.135	0.45	-1.57	2.51
		1	0.169	0.795	0.13	-1.29	1.58	1.352	1.135	1.55	-2.03	5.26
		2	1.016	0.795	0.81	-0.16	1.79	1.172	1.135	1.34	-0.60	3.32
		3	0.818	0.795	0.65	-0.32	1.64	1.630	1.135	1.87	-0.11	3.88
	OC	0	-0.049	4.592	-0.22	-1.19	0.75	0.118	6.124	0.73	-1.00	2.48
		1	-0.025	4.592	-0.11	-1.34	1.12	0.166	6.124	1.02	-1.57	3.69
		2	0.135	4.592	0.62	-0.38	1.63	0.128	6.124	0.79	-0.83	2.43
		3	0.117	4.592	0.54	-0.34	1.43	0.229	6.124	1.41	-0.21	3.06
NO3	0	0.246	5.524	1.37	0.41	2.34	0.260	7.985	2.10	-0.17	4.42	
	1	-0.169	5.524	-0.93	-2.34	0.51	-0.084	7.985	-0.67	-4.02	2.80	
	2	-0.043	5.524	-0.24	-1.20	0.73	0.018	7.985	0.14	-2.02	2.36	
	3	0.036	5.524	0.20	-0.74	1.15	0.144	7.985	1.16	-0.94	3.30	
SO4	0	0.347	1.530	0.53	-0.56	1.63	1.202	1.233	1.49	0.12	2.88	
	1	-0.715	1.530	-1.09	-2.85	0.71	0.840	1.233	1.04	-0.72	2.84	
	2	-0.107	1.530	-0.16	-1.26	0.94	0.171	1.233	0.21	-1.60	2.05	
	3	-0.278	1.530	-0.42	-1.74	0.91	0.827	1.233	1.02	-0.35	2.42	
Al	0	-10.041	0.051	-0.51	-1.21	0.19	10.612	0.042	0.45	-0.94	1.85	
	1	-6.158	0.051	-0.31	-1.03	0.41	17.001	0.042	0.72	-0.67	2.13	
	2	8.669	0.051	0.44	-0.20	1.09	10.801	0.042	0.45	-1.36	2.30	
	3	-13.23	0.051	-0.02	-0.75	0.73	13.439	0.042	0.57	-1.22	2.39	
Br	0	172.064	0.004	0.71	-0.63	2.06	351.248	0.004	1.41	-0.62	3.49	
	1	-72.598	0.004	-0.30	-1.79	1.22	363.937	0.004	1.47	-1.11	4.11	
	2	-122.768	0.004	-0.50	-1.81	0.82	75.551	0.004	0.30	-1.65	2.30	
	3	-330.354	0.004	-1.35	-2.65	-0.03	208.428	0.004	0.84	-1.18	2.90	
Ca	0	-12.153	0.064	-0.77	-1.40	-0.14	3.706	0.066	0.24	-1.17	1.68	
	1	3.752	0.064	0.24	-0.39	0.88	28.474	0.066	1.90	-0.66	4.52	
	2	-3.499	0.064	-0.22	-1.23	0.79	9.617	0.066	0.64	-1.42	2.74	
	3	-3.638	0.064	-0.23	-0.90	0.45	27.525	0.066	1.83	-0.15	3.86	
Cl	0	-0.113	0.069	-0.01	-0.30	0.28	2.753	0.083	0.23	-0.82	1.29	
	1	6.167	0.069	0.43	0.13	0.72	17.194	0.083	1.44	0.66	2.22	
	2	-1.764	0.069	-0.12	-0.56	0.31	-1.453	0.083	-0.12	-1.45	1.22	
	3	2.823	0.069	0.20	-0.18	0.57	1.875	0.083	0.16	-0.65	0.97	
Cu	0	-25.794	0.007	-0.19	-0.81	0.44	168.641	0.008	1.36	-0.46	3.21	
	1	38.540	0.007	0.28	-0.26	0.83	170.175	0.008	1.37	-1.16	3.97	
	2	19.111	0.007	0.14	-0.46	0.74	95.910	0.008	0.77	-0.69	2.25	
	3	41.561	0.007	0.30	-0.26	0.87	174.989	0.008	1.41	-0.71	3.57	
Fe	0	-1.694	0.099	-0.17	-1.19	0.86	7.304	0.117	0.86	-0.93	2.68	
	1	-3.898	0.099	-0.39	-1.88	1.13	8.428	0.117	0.99	-2.22	4.30	
	2	8.179	0.099	0.82	-0.18	1.82	11.374	0.117	1.34	-0.42	3.13	
	3	6.202	0.099	0.62	-0.34	1.59	21.079	0.117	2.50	0.74	4.28	
K	0	-0.648	0.081	-0.05	-0.36	0.25	4.878	0.112	0.55	-1.23	2.35	
	1	1.589	0.081	0.13	-0.13	0.39	9.361	0.112	1.05	-1.75	3.94	
	2	3.647	0.081	0.30	-0.01	0.61	6.087	0.112	0.68	-1.34	2.74	
	3	2.615	0.081	0.21	-0.06	0.49	15.251	0.112	1.72	0.11	3.37	
Mn	0	-335.235	0.003	-0.97	-1.84	-0.09	203.212	0.003	0.61	-1.14	2.40	
	1	-43.334	0.003	-0.13	-1.59	1.36	54.734	0.003	0.16	-2.69	3.10	
	2	200.260	0.003	0.58	-0.64	1.82	295.071	0.003	0.89	-1.45	3.29	
	3	13.779	0.003	0.04	-0.81	0.90	438.763	0.003	1.32	-0.42	3.10	
Ni	0	28.999	0.003	0.09	-0.04	0.21	8.334	0.003	0.03	-0.25	0.30	
	1	-22.888	0.003	-0.07	-0.21	0.07	-37.671	0.003	-0.11	-1.14	0.93	
	2	-41.548	0.003	-0.12	-0.34	0.10	14.500	0.003	0.04	-0.26	0.35	
	3	28.616	0.003	0.09	-0.11	0.29	94.091	0.003	0.28	-0.62	1.20	
Pb	0	99.585	0.004	0.42	-0.24	1.08	72.337	0.005	0.36	-0.82	1.56	
	1	0.421	0.004	0.00	-0.69	0.70	117.206	0.005	0.59	-1.61	2.84	
	2	26.528	0.004	0.11	-0.56	0.79	-32.053	0.005	-0.16	-1.77	1.48	
	3	127.042	0.004	0.54	-0.16	1.23	247.442	0.005	1.24	-0.03	2.54	
S	0	1.273	0.499	0.64	-0.47	1.76	3.905	0.434	1.71	0.21	3.23	
	1	-4.450	0.499	-2.20	-4.38	0.03	1.358	0.434	0.59	-1.73	2.97	
	2	-0.647	0.499	-0.32	-1.41	0.78	-0.312	0.434	-0.14	-1.62	1.37	
	3	-0.547	0.499	-0.27	-1.46	0.93	3.216	0.434	1.41	-0.09	2.92	
Si	0	-3.841	0.151	-0.58	-1.56	0.42	6.767	0.132	0.90	-0.66	2.47	
	1	-2.462	0.151	-0.37	-1.41	0.68	10.709	0.132	1.42	-0.29	3.16	
	2	2.661	0.151	0.40	-0.69	1.51	4.898	0.132	0.65	-1.11	2.43	
	3	-0.380	0.151	-0.06	-0.98	0.87	14.241	0.132	1.90	0.40	3.42	
Ti	0	-1.660	0.008	-0.01	-0.95	0.93	138.575	0.008	1.11	-0.83	3.10	
	1	78.160	0.008	0.60	-0.31	1.51	307.760	0.008	2.49	-0.66	5.75	
	2	95.131	0.008	0.73	-0.16	1.62	139.509	0.008	1.12	-2.11	4.46	
	3	57.505	0.008	0.44	-0.49	1.38	334.574	0.008	2.71	0.66	4.81	
V	0	133.880	0.003	0.34	-1.57	2.29	776.425	0.002	1.56	-0.71	3.89	
	1	142.695	0.003	0.36	-0.57	1.31	1016.200	0.002	2.05	0.34	3.80	
	2	-325.699	0.003	-0.83	-1.73	0.09	-406.703	0.002	-0.81	-3.39	1.83	
	3	-227.870	0.003	-0.58	-1.69	0.55	632.354	0.002	1.27	-1.04	3.64	
Zn	0	21.520	0.011	0.23	-0.44	0.90	38.990	0.014	0.55	-0.60	1.71	
	1	45.503	0.011	0.48	0.03	0.93	82.019	0.014	1.15	-0.86	3.21	
	2	32.460	0.011	0.34	-0.13	0.82	10.783	0.014	0.15	-0.86	1.17	
	3	105.519	0.011	1.11	0.15	2.08	139.184	0.014	1.97	0.31	3.65	
PM2.5ext ^b	0	0.042	15.115	0.64	0.14	1.13	0.069	19.8	1.38	0.68	2.08	
	1	0.058	15.115	0.88	0.14	1.63	0.092	19.8	1.84	1.11	2.57	
	2	0.017	15.115	0.26	-0.38	0.90	0.064	19.8	1.28	0.56	2.00	
	3	-0.009	15.115	-0.14	-0.63	0.36	0.060	19.8	1.20	0.49	1.90	

^a Includes six counties with species data, 2000-2003

^b Includes the six counties with species data and 3 additional counties (Contra Costa, Los Angeles, Orange), 1999-2003