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11 STATES

California	Minnesota
Connecticut	New Jersey
Iowa	New York
Massachusetts	Ohio
Michigan	Pennsylvania
Wisconsin	

**Mortality of Lead
Exposed Workers, 11 States**
 (n=58,368 men, 3,337 deaths)

Overall all cause SMR= 0.69, 95% CI 0.66-0.71

40+µg/dl
Lung Cancer SMR = 1.20, 95% CI 1.03-1.39 (n=174)
Larynx Cancer SMR = 2.11, 95% CI 1.05-3.77 (n=11)

Lung Cancer	Internal comparison (adjusted for latency)
Highest Blood Lead (µg/dl)	Rate Ratios
0 - < 5	1.0
5 - < 25	1.34
25 - < 40	1.88
40+	2.79
(test for trend p=< 0.0001)	

**Incidence End Stage Renal Disease (ESRD) of
Lead Exposed Workers, II States**
(n=58,307 men, 302 with ESRD)

Overall SIR (31% of cohort with data on race) = 1.08, 95% CI 0.89-1.31
Blood Lead 51+ and 5 years follow-up = 1.56, 95% CI 1.02-1.85

Overall SIR (whole cohort, missing race imputed) = 0.92, 95% CI 0.82-1.03
Blood lead 51+ and 5 years follow-up = 1.43, 95% CI 1.01-1.85

ESRD (whole cohort)	Internal comparison, adjusted for latency
Highest Blood Lead (µg/dl)	Rate Ratios (5 years minimum follow-up)
0 - < 25	1.0
25 - < 40	0.8
40 - ≤ 51	1.03
51+	1.59
(test for trend p=.003)	