

### **Asbestosis: Proportionate mortality ratio (PMR) adjusted for age, sex, and race by usual occupation, U.S. residents age 15 and over, selected states and years, 1990–1999**

COC Occupation	Number of Deaths	PMR	95% Confidence Interval	
			LCL	UCL
593 Insulation workers	108	84.3	69.5	102.3
643 Boilermakers	59	20.3	15.6	26.4
585 Plumbers, pipefitters, and steamfitters	238	9.4	8.3	10.7
058 Marine and naval architects	7	8.3	3.3	17.0
646 Lay-out workers	7	8.2	3.3	16.9
584 Plasterers	9	6.4	3.0	12.2
676 Patternmakers, lay-out workers, and cutters	5	6.3	2.1	14.8
653 Sheet metal workers	53	6.1	4.7	8.1
557 Supervisors: plumbers, pipefitters, and steamfitters	7	5.3	2.1	11.0
224 Chemical technicians	8	4.9	2.1	9.6
757 Separating, filtering, and clarifying machine operators	21	4.8	2.9	7.3
829 Sailors and deckhands	12	4.2	2.2	7.4
534 Heating, air conditioning, and refrigeration mechanics	16	4.1	2.4	6.7
544 Millwrights	34	4.1	2.9	5.7
575 Electricians	125	4.1	3.4	4.9
555 Supervisors, electricians and power transmission installers	9	3.6	1.7	6.9
783 Welders and cutters	78	3.1	2.5	3.9
547 Specified mechanics and repairers, n.e.c.	21	2.6	1.6	3.9
518 Industrial machinery repairers	34	2.2	1.5	3.1
563 Brickmasons and stonemasons	26	2.1	1.4	3.1
856 Industrial truck and tractor equipment operators	17	2.1	1.2	3.4
738 Winding and twisting machine operators	11	2.1	1.0	3.7
849 Crane and tower operators	15	2.1	1.1	3.4
696 Stationary engineers	26	1.9	1.2	2.8
503 Supervisors, mechanics and repairers	17	1.9	1.1	3.0
567 Carpenters	120	1.8	1.5	2.2
507 Bus, truck, and stationary engine mechanics	16	1.8	1.0	2.9
549 Not specified mechanics and repairers	22	1.8	1.1	2.7
777 Miscellaneous machine operators, n.e.c.	38	1.6	1.2	2.2
779 Machine operators, not specified	49	1.5	1.1	2.0
633 Supervisors, production occupations	85	1.3	1.1	1.7
869 Construction laborers	58	1.3	1.0	1.7

COC - Census Occupation Code    n.e.c. - not elsewhere classified    LCL - lower confidence limit    UCL - upper confidence limit

NOTE: The total number of deaths with asbestosis reported was 2,859 in these same selected states and years, and the comparable number of asbestosis deaths in the entire United States for this same time period was 10,914. See selected limitations for general cautions regarding inferences based on small numbers of deaths, and see appendices for source description, methods, ICD codes, industry and occupation codes, and list of selected states and years.

SOURCE: National Center for Health Statistics multiple cause-of-death data.