

**Silicosis: 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   |
| 725 | Miscellaneous metal and plastic processing machine operators | 10               | 92.6 | 44.5                    | 170.3 |
| 787 | Hand molding, casting, and forming occupations               | 8                | 41.9 | 18.1                    | 82.5  |
| 675 | Hand molders and shapers, except jewelers                    | 14               | 38.9 | 21.2                    | 65.2  |
| 768 | Crushing and grinding machine operators                      | 17               | 33.0 | 19.2                    | 52.9  |
| 719 | Molding and casting machine operators                        | 25               | 19.3 | 12.5                    | 28.5  |
| 617 | Mining occupations, n.e.c.                                   | 8                | 15.8 | 6.8                     | 31.2  |
| 616 | Mining machine operators                                     | 138              | 13.1 | 11.0                    | 15.5  |
| 613 | Supervisors, extractive occupations                          | 7                | 12.9 | 5.2                     | 26.5  |
| 599 | Construction trades, n.e.c.                                  | 8                | 6.8  | 2.9                     | 13.3  |
| 766 | Furnace, kiln, and oven operators, except food               | 11               | 5.2  | 2.6                     | 9.4   |
| 709 | Grinding, abrading, buffing, and polishing machine operators | 7                | 4.5  | 1.8                     | 9.3   |
| 849 | Crane and tower operators                                    | 9                | 3.9  | 1.8                     | 7.3   |
| 544 | Millwrights  | 8                | 3.5  | 1.5                     | 6.9   |
| 779 | Machine operators, not specified                             | 30               | 2.9  | 2.0                     | 4.2   |
| 844 | Operating engineers  | 15               | 2.3  | 1.3                     | 3.8   |
| 889 | Laborers, except construction                                | 84               | 2.2  | 1.8                     | 2.7   |
| 579 | Painters, construction and maintenance                       | 14               | 2.2  | 1.2                     | 3.6   |
| 633 | Supervisors, production occupations                          | 32               | 1.8  | 1.2                     | 2.5   |
| 869 | Construction laborers  | 26               | 1.6  | 1.0                     | 2.3   |

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 silicosis reported was 881 in these same selected states and years, and the comparable number of silicosis deaths in the entire United States for this same time period was 2,407. 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.