

**NORA mining sector and all pneumoconioses: Proportionate mortality ratio (PMR) adjusted for age, sex, and race by industry and occupation, U.S. residents age 15 and over, selected states and years, 1990–1999 (page 1 of 2)**

Bureau of Census Industry/Occupation		Number of Deaths*	PMR	95% Confidence Interval	
				LCL	UCL
<b>CIC</b>	<b>Industry</b>				
041	Coal mining	4,623	33.1	32.2	34.1
040	Metal mining	131	5.2	4.4	6.2
050	Nonmetallic mining and quarrying, except fuel	69	3.6	2.8	4.6
	All other industries within this sector	14			
	<b>TOTAL</b>	<b>4,837</b>			
<b>COC</b>	<b>Occupation</b>				
616	Mining machine operators	4,292	32.9	31.9	33.9
824	Locomotive operating occupations	23	30.0	19.0	45.0
036	Inspectors and compliance officers, except construction	12	26.6	13.7	46.4
883	Freight, stock, and material handlers, n.e.c.	10	24.2	11.6	44.4
575	Electricians	64	23.5	18.3	30.3
855	Grader, dozer, and scraper operators	7	18.2	7.3	37.4
777	Miscellaneous machine operators, n.e.c.	6	12.2	4.5	26.6
567	Carpenters	6	11.4	4.2	24.7
768	Crushing and grinding machine operators	9	11.1	5.1	21.0
613	Supervisors, extractive occupations	73	10.9	8.6	13.8
615	Explosives workers	5	10.9	3.5	25.4
633	Supervisors, production occupations	22	8.4	5.2	12.7
889	Laborers, except construction	58	7.3	5.6	9.5
853	Excavating and loading machine operators	7	6.9	2.8	14.3
046	Mining engineers	15	6.7	3.8	11.1
804	Truck drivers	30	6.7	4.5	9.5
844	Operating engineers	24	6.1	3.9	9.1
516	Heavy equipment mechanics	18	5.9	3.5	9.3

See footnotes at end of table.

**NORA mining sector and all pneumoconioses: Proportionate mortality ratio (PMR) adjusted for age, sex, and race by occupation, U.S. residents age 15 and over, selected states and years, 1990–1999 (page 2 of 2)**

Bureau of Census Industry/Occupation		Number of Deaths*	PMR	95% Confidence Interval	
				LCL	UCL
COC	Occupation (continued)				
637	Machinists	7	5.7	2.3	11.7
783	Welders and cutters	11	5.6	2.8	10.0
019	Managers and administrators, n.e.c.	36	4.5	3.1	6.2
859	Miscellaneous material moving equipment operators	17	4.2	2.4	6.6
617	Mining occupations, n.e.c.	25	4.1	2.7	6.1
	All other occupations within this sector	58			
	Occupation not reported within this sector	2			
	<b>TOTAL</b>	<b>4,837</b>			

NORA - National Occupational Research Agenda    CIC - Census Industry Code    COC - Census Occupation Code

n.e.c. - not elsewhere classified    LCL - lower confidence limit    UCL - upper confidence limit

\* The total number of all pneumoconioses deaths was 10,014 in these same selected states and years, and the comparable number of all pneumoconioses deaths in the entire United States for this same time period was 31,455.

NOTE: See appendices for source description, methods, ICD codes, industry and occupation codes, industrial sector groupings, and list of selected states and years.

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