

NORA manufacturing sector and silicosis: 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

Bureau of Census Industry/Occupation		Number of Deaths*	PMR	95% Confidence Interval	
				LCL	UCL
CIC	Industry				
262	Miscellaneous nonmetallic mineral and stone products	44	30.7	22.2	41.2
261	Pottery and related products	17	29.3	17.0	46.9
271	Iron and steel foundries	49	21.6	16.0	28.5
252	Structural clay products	20	19.7	12.0	30.4
300	Miscellaneous fabricated metal products	18	5.7	3.4	9.0
251	Cement, concrete, gypsum, and plaster products	8	4.2	1.8	8.3
280	Other primary metal industries	9	3.5	1.6	6.6
270	Blast furnaces, steelworks, rolling and finishing mills	51	3.2	2.4	4.2
250	Glass and glass products	10	3.0	1.4	5.5
331	Machinery, except electrical, n.e.c.	23	2.5	1.6	3.7
392	Not specified manufacturing industries	33	1.6	1.1	2.2
	All other industries within this sector	104			
	TOTAL	386			
COC	Occupation				
725	Miscellaneous metal and plastic processing machine operators	8	76.8	33.1	151.3
787	Hand molding, casting, and forming occupations	8	43.9	18.9	86.3
675	Hand molders and shapers, except jewelers	11	36.1	18.1	64.6
768	Crushing and grinding machine operators	13	31.2	16.6	53.4
719	Molding and casting machine operators	25	19.8	12.8	29.2
883	Freight, stock, and material handlers, n.e.c.	5	4.9	1.6	11.4
766	Furnace, kiln, and oven operators, except food	8	4.9	2.1	9.6
709	Grinding, abrading, buffing, and polishing machine operators	7	4.8	1.9	9.9
849	Crane and tower operators	7	4.3	1.7	8.9
544	Millwrights	7	3.8	1.5	7.8
779	Machine operators, not specified	27	3.1	2.0	4.4
889	Laborers, except construction	67	2.9	2.3	3.7
453	Janitors and cleaners	14	2.4	1.3	4.0
633	Supervisors, production occupations	27	1.8	1.2	2.6
	All other occupations within this sector	147			
	Occupation not reported within this sector	5			
	TOTAL	386			

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 silicosis deaths 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.

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.