

### Silicosis: Primary occupations associated with silica exposure of silicosis cases— Michigan, New Jersey, Ohio, 1993–2002

Occupation (COC)	Michigan		New Jersey		Ohio		Total	
	No.	%	No.	%	No.	%	No.	%
<b>Managerial and professional specialty</b>	<b>3</b>	<b>0.6</b>	<b>3</b>	<b>2.2</b>	<b>2</b>	<b>0.7</b>	<b>8</b>	<b>0.9</b>
<b>Technical, sales, and administrative</b>	<b>3</b>	<b>0.6</b>	<b>3</b>	<b>2.2</b>	<b>1</b>	<b>0.4</b>	<b>7</b>	<b>0.8</b>
<b>Service occupations</b>	<b>5</b>	<b>1.1</b>	-	-	<b>2</b>	<b>0.7</b>	<b>7</b>	<b>0.8</b>
<b>Farming, forestry and fishing</b>	<b>1</b>	<b>0.2</b>	<b>1</b>	<b>0.7</b>	-	-	<b>2</b>	<b>0.2</b>
<b>Precision production, craft, and repair</b>	<b>113</b>	<b>24.3</b>	<b>40</b>	<b>29.6</b>	<b>47</b>	<b>16.8</b>	<b>200</b>	<b>22.8</b>
Supervisors, production (628)	15	3.2	5	3.7	7	2.5	27	3.1
Hand molders and shapers, except jewelers (675)	23	4.9	2	1.5	2	0.7	27	3.1
Construction trades, n.e.c. (599)	16	3.4	3	2.2	7	2.5	26	3.0
Brickmasons and stonemasons (563)	11	2.4	4	3.0	7	2.5	22	2.5
Mining machine operators (616)	5	1.1	5	3.7	2	0.7	12	1.4
Millwrights (544)	6	1.3	-	-	1	0.4	7	0.8
Concrete/terrazzo finishers (588)	6	1.3	-	-	1	0.4	7	0.8
Mining occupations, n.e.c. (617)	1	0.2	2	1.5	4	1.4	7	0.8
Industrial machinery repairers (518)	1	0.2	3	2.2	2	0.7	6	0.7
Electricians (575)	3	0.6	2	1.5	-	-	5	0.6
Dental lab, medical appliance technicians (678)	4	0.9	-	-	1	0.4	5	0.6
All others within this grouping	22	4.7	14	10.4	13	4.7	49	5.6
<b>Operators, fabricators, and laborers</b>	<b>278</b>	<b>59.8</b>	<b>86</b>	<b>63.7</b>	<b>217</b>	<b>77.8</b>	<b>581</b>	<b>66.1</b>
Laborers, except construction (889)	98	21.1	20	14.8	52	18.6	170	19.3
Molding and casting machine operators (719)	55	11.8	2	1.5	24	8.6	81	9.2
Grinding, abrading, buffing, and polishing machine operators (709)	25	5.4	1	0.7	21	7.5	47	5.3
Crushing and grinding machine operators (768)	10	2.2	6	4.4	22	7.9	38	4.3
Miscellaneous metal and plastic processing machine operators (725)	9	1.9	4	3.0	21	7.5	34	3.9
Furnace, kiln, and oven operators, excluding food (766)	14	3.0	2	1.5	14	5.0	30	3.4
Miscellaneous machine operators, n.e.c. (777)	7	1.5	3	2.2	13	4.7	23	2.6
Hand molding, casting, and forming occupations (787)	3	0.6	10	7.4	8	2.9	21	2.4
Construction laborers (869)	4	0.9	11	8.1	3	1.1	18	2.0
Machine operators, not specified (779)	4	0.9	4	3.0	8	2.9	16	1.8
Miscellaneous hand working occupations (795)	14	3.0	-	-	-	-	14	1.6
Crane and tower operators (849)	6	1.3	1	0.7	3	1.1	10	1.1
Production inspectors, checkers, and examiners (796)	3	0.6	2	1.5	4	1.4	9	1.0

See footnotes at end of table.

### **Silicosis: Primary occupations associated with silica exposure of silicosis cases— Michigan, New Jersey, Ohio, 1993–2002**

<b>Occupation (COC)</b>	<b>Michigan</b>		<b>New Jersey</b>		<b>Ohio</b>		<b>Total</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>Operators, fabricators, and laborers (cont.)</b>	<b>278</b>	<b>59.8</b>	<b>86</b>	<b>63.7</b>	<b>217</b>	<b>77.8</b>	<b>581</b>	<b>66.1</b>
Painting, paint spray machinery operators (759)	-	-	6	4.4	2	0.7	8	0.9
Welders and cutters (783)	3	0.6	2	1.5	3	1.1	8	0.9
Mixing, blending machine operators (756)	2	0.4	2	1.5	3	1.1	7	0.8
Operating engineers (844)	3	0.6	2	1.5	1	0.4	6	0.7
Industrial truck, tractor equipment operators (856)	2	0.4	-	-	3	1.1	5	0.6
All others within this grouping	16	3.4	8	5.9	12	4.3	36	4.1
<b>Unclassifiable and miscellaneous unemployed</b>	<b>62</b>	<b>13.3</b>	<b>2</b>	<b>1.5</b>	<b>10</b>	<b>3.6</b>	<b>74</b>	<b>8.4</b>
<b>TOTAL</b>	<b>465</b>	<b>100.0</b>	<b>135</b>	<b>100.0</b>	<b>279</b>	<b>100.0</b>	<b>879</b>	<b>100.0</b>

- indicates no cases reported.      COC - Census Occupational Code      n.e.c. - not elsewhere classified

NOTE: Percentages may not sum to 100% due to rounding. See appendices for source description.

SOURCE: Provisional Sentinel Event Notification Systems for Occupational Risks surveillance data as of September 2006, reported by K Rosenman, MJ Reilly, and D Kalinowski (Michigan); D Valiante, D Schill, and K McGreevy (New Jersey); and E Socie and A Migliozi (Ohio).