Silicosis Surveillance and Intervention Project



Leading Industry Subsectors Where Silicosis Cases Were Exposed

Overall, New Jersey silicosis cases experienced their exposures within 30 industry subsectors. The table below ranks the subsectors with more than 10 cases by numbers of confirmed cases. The top two subsectors, both in manufacturing, contributed 55% of total cases. Stone, Clay, Glass and Concrete Products manufacturing was associated with 218 cases (37.7%) and Primary Metal Industries (foundries, steel works, etc.) with 101 cases (17.5%). Both subsectors were thriving industries in New Jersey at the time most cases were exposed, the 1930s, 1940s, and 1950s. Fewer of these establishments remain in business in New Jersey today.

Ranking of Industry Subsectors with 10 or More Cases of Silicosis New Jersey, 1979-2013 N=536

Industry Subsector	Major Industry Sector	# of Cases	% of Total Cases (N=577)
Stone, Clay, Glass, and Concrete Products	Manufacturing	218	37.7
Primary Metal Industries	Manufacturing	101	17.5
Mining of Nonmetallic Minerals	Mining	49	8.5
Construction Special Trades Contractors	Construction	37	6.4
Metal Mining	Mining	33	5.7
Heavy Construction	Construction	30	5.2
Fabricated Metal Products	Manufacturing	16	3.0
Industrial and Commercial Machinery	Manufacturing	14	2.4
Chemicals and Allied Products	Manufacturing	13	2.3
Rubber Products	Manufacturing	13	2.3
Transportation Equipment	Manufacturing	12	2.1