

Pneumoconiotic agents: Percent of exposures exceeding designated occupational exposure limits by major industry division, OSHA samples, 1979–2003

Year	Construction (SIC 15-17)			Manufacturing (SIC 20-39)			Other (SIC 1-9, 13, 40-99)					
	No. of Samples with PEL	% > PEL	No. of Samples with REL	% > REL	No. of Samples with PEL	% > PEL	No. of Samples with REL	% > REL	No. of Samples with PEL	% > PEL	No. of Samples with REL	
1979	135	13.3	127	40.9	1,997	14.8	1,431	35.9	219	3.7	138	14.5
1980	309	16.2	262	38.2	3,212	16.1	2,322	34.8	239	4.6	185	13.5
1981	194	6.2	144	26.4	3,194	16.2	1,959	35.8	144	5.6	93	7.5
1982	218	11.0	204	34.3	3,665	14.5	2,189	35.6	92	4.3	77	14.3
1983	599	7.0	498	36.3	3,199	12.7	1,961	31.7	591	1.2	530	3.0
1984	784	7.0	720	31.3	4,925	8.1	3,073	19.4	1,185	0.8	1,018	3.2
1985	650	9.1	586	30.2	5,663	10.1	3,578	21.4	952	1.8	853	4.1
1986	452	4.9	362	13.3	4,316	6.5	2,583	14.9	1,016	2.2	788	2.9
1987	394	8.6	325	14.8	5,757	6.4	3,471	13.2	1,111	4.4	974	5.7
1988	436	9.4	357	14.0	5,741	5.5	3,346	11.4	1,038	3.8	804	5.6
1989	408	9.8	334	13.2	4,978	5.7	2,781	8.2	1,085	2.7	865	2.9
1990	527	8.7	366	12.3	5,913	7.2	3,326	12.4	1,041	3.2	744	3.5
1991	536	7.6	377	8.5	5,243	7.0	3,080	13.9	1,064	1.7	801	2.2
1992	657	5.5	460	8.7	5,007	5.5	2,911	10.9	735	1.0	547	2.0
1993	522	4.8	347	6.9	3,953	4.8	2,277	10.3	649	0.6	485	1.9
1994	298	8.4	204	10.3	3,483	4.4	2,165	9.1	626	1.3	511	1.6
1995	210	10.5	143	9.1	3,649	4.1	2,491	7.6	658	3.5	487	4.7
1996	424	14.6	282	15.2	3,553	3.3	3,024	4.6	697	2.0	547	2.6
1997	500	8.8	355	15.2	3,945	4.3	3,070	7.0	648	1.2	521	1.9
1998	397	21.9	315	29.5	3,157	8.8	2,544	14.4	393	3.1	300	6.0
1999	325	28.3	259	41.7	2,915	9.0	1,900	19.6	327	4.0	242	5.4
2000	335	18.2	260	26.2	2,284	5.3	1,399	11.6	408	2.2	277	2.9
2001	267	17.6	213	27.2	1,321	7.0	815	15.7	185	2.7	126	7.1
2002	243	16.0	196	28.6	1,273	7.3	777	14.9	226	4.9	159	8.2
2003	230	22.2	209	26.8	1,244	8.4	729	20.0	212	5.7	143	9.1

SIC - Standard Industrial Classification PEL - permissible exposure limit REL - recommended exposure limit OSHA - Occupational Safety and Health Administration
 NOTE: From March 1, 1989 to March 22, 1993, the OSHA PELs in force differed from those employed before and after those dates. See appendices for source description, methods, and agents.
 SOURCE: OSHA Integrated Management Information System.