

Table VI-3B
Establishments Using Respirators to Protect Against Selected Substances

Sector/Respirator Class	Establishments with Respirators [a,b]	Acrylonitrile	Formaldehyde	DBCP	Ethylene oxide	Vinyl chloride	Butadiene
Air-Purifying Respirators							
Agriculture	13,200	0 0.00%	66 0.50%	1 0.01%	0 0.00%	0 0.00%	0 0.00%
Mining	3,500	0 0.00%	4 0.10%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Construction	60,000	0 0.00%	480 0.80%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Manufacturing	46,200	92 0.20%	554 1.20%	5 0.01%	231 0.50%	462 1.00%	370 0.80%
Transportation and utilities	9,700	5 0.05%	1 0.01%	0 0.00%	1 0.01%	1 0.01%	0 0.00%
Wholesale trade	28,000	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Retail trade	16,100	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Finance, insurance, and real estate	4,200	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Services	86,600	0 0.00%	0 0.00%	0 0.00%	43 0.05%	0 0.00%	0 0.00%
Total	267,500	97 0.04%	1,105 0.4%	6 0.00%	275 0.1%	463 0.17%	370 0.14%
Supplied-Air Respirators							
Agriculture	500	0 0.00%	0 0.00%	0 0.01%	0 0.01%	0 0.00%	0 0.00%
Mining	600	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Construction	10,500	0 0.00%	5 0.05%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Manufacturing	12,700	64 0.50%	102 0.80%	1 0.01%	114 0.90%	152 1.20%	76 0.60%
Transportation and utilities	3,800	1 0.02%	1 0.02%	0 0.00%	1 0.02%	1 0.03%	0 0.01%
Wholesale trade	6,800	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Retail trade	2,900	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Finance, insurance, and real estate	0	NA	NA	NA	NA	NA	NA
Services	9,500	0 0.00%	0 0.00%	0 0.00%	1 0.01%	0 0.00%	0 0.00%
Total	47,300	64 0.14%	108 0.2%	1 0.0%	116 0.2%	NA	77 0.16%

Source: Estimates provided by ERG consultant Jeffery Stull of International Personal Protection, Inc.

[a] The 2001 NIOSH/BLS Survey of Respirator Use and Practices. "Respirator Use and Practice." Bureau of Labor Statistics Press Release, March 20, 2002.

[b] Establishment estimates as reported by NIOSH. These may differ from establishment estimates shown in Table VI-1 that have been benchmarked to the 1997 establishment counts from U.S. Bureau of the Census, Statistics of U.S. Businesses, 1997.