

Table VI-2

Estimated Number of Respirator Users, by Type

SIC Title	Nonpowered Air-Purifying				Supplied-Air	
	Filtering Facepiece	Half-mask	Full-face	PAPR	Total	SCBA
65 Real estate	5,760 *	10,161	218 *	7	0	0
67 Holding and other investment offices	595 *	165 *	7 *	0	0	0
70 Hotels and other lodging places	72,978 *	4,959	16,012 *	21 *	0	0
72 Personal services	10,771 *	19,239 *	12,074 *	188 *	0	0
73 Business services	78,724	45,461 *	24,576 *	261 *	30,116	29,997
75 Auto repair, services, and parking	115,969	56,952	15,320	12,868	23,583	6,787
76 Miscellaneous repair services	26,018	15,868 *	6,066 *	72 *	4,730	0
78 Motion pictures	859 *	650 *	243 *	0	0	0
79 Amusement and recreation services	14,915	7,217	3,650 *	26 *	0	0
80 Health services	637,932	123,157	64,125	69,893	4,230	3,829
81 Legal services	3,145 *	2,379 *	890 *	0 *	0	0
82 Educational services	29,197 *	2,891	8,259 *	226	0	0
83 Social services	7,868 *	5,128 *	1,813 *	129 *	0	0
84 Museums, botanical, zoological gardens	2,212 *	2,652 *	586 *	4 *	625	624
86 Membership organizations	1,035 *	1,276 *	326 *	9 *	0	0
87 Engineering and management services	69,687 *	42,515 *	19,530 *	6,350	3,354	3,354
89 Services, n.e.c.	715 *	928 *	0	0	0	0
State and local governments	53,692 ***	35,756 ***	15,683 **	7,173 **	10,742 **	4,491 **
Totals	2,319,745	1,542,809	677,569	304,186	434,565	192,824

Source: Preliminary results from the 2001 NIOSH/BLS Survey of Respirator Use and Practices, in press. Benchmarked to 1997 establishment counts from U.S. Bureau of the Census, Statistics of U.S. Businesses, 1997.

* Suppressed industry-level estimates extrapolated from sector totals.

** Estimated based on respirator use patterns in SIC 42.

*** Estimated based on private-sector respirator use patterns.

The proposed standard would have different impacts on employers using respirators to comply with OSHA substance-specific standards than for employers using respirators for other purposes. Therefore, OSHA used findings from the NIOSH-BLS survey of establishments that reported respirator

use, by general respirator class, for protection against specific substances (see Table VI-3). OSHA applied these numbers to all respirator users and establishments within the industries that make up each sector to derive substance-specific estimates of respirator use. For those section 6(b)(5)

substances not reported by NIOSH, OSHA used expert judgments of a consultant with experience in the respirator industry to estimate the percentage of establishments and employees that use respirators for protection against these chemicals (Ex. 6-2) (see Table VI-3).