

Table 9-7 (page 1 of 2). Work-related asthma: Primary occupations associated with work-related asthma cases by state, 1993-1999

Occupation (COC)	California		Massachusetts		Michigan		New Jersey		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Managerial and professional specialty	235	25.6	125	34.0	108	10.2	41	22.8	509	20.2
Registered nurses (095)	53	5.8	59	16.0	27	2.5	10	5.6	149	5.9
Teachers, secondary school (157)	12	1.3	14	3.8	5	0.5	3	1.7	34	1.3
Teachers, n.e.c. (159)	8	0.9	12	3.3	10	0.9	3	1.7	33	1.3
Teachers, elementary school (156)	22	2.4	1	0.3	2	0.2	2	1.1	27	1.1
Managers and administrators, n.e.c. (022)	17	1.9	5	1.4	4	0.4	-	-	26	1.0
Social workers (174)	11	1.2	3	0.8	5	0.5	2	1.1	21	0.8
Management related occupations, n.e.c. (37)	16	1.7	-	-	3	0.3	-	-	19	0.8
Teachers, special education (158)	9	1.0	1	0.3	1	0.1	1	0.6	12	0.5
Chemists, except biochemists (73)	2	0.2	3	0.8	2	0.2	4	2.2	11	0.4
All others	85	9.3	27	7.3	49	4.6	16	8.9	177	7.0
Technical, sales, and administrative support	289	31.5	75	20.4	86	8.1	35	19.4	485	19.2
General office clerks (379)	30	3.3	15	4.1	5	0.5	2	1.1	52	2.1
Secretaries (313)	26	2.8	13	3.5	7	0.7	3	1.7	49	1.9
Health technologists and technicians, n.e.c. (208)	13	1.4	2	0.5	6	0.6	4	2.2	25	1.0
Licensed practical nurses (207)	14	1.5	4	1.1	5	0.5	1	0.6	24	1.0
Investigators and adjusters, except insurance (376)	12	1.3	2	0.5	1	0.1	3	1.7	18	0.7
Administrative support, n.e.c. (389)	13	1.4	2	0.5	2	0.2	-	-	17	0.7
Typists (315)	9	1.0	4	1.1	1	0.1	1	0.6	15	0.6
Bookkeepers, accounting, and auditing clerks (337)	12	1.3	1	0.3	-	-	-	-	13	0.5
Clinical laboratory technologists and technicians (203)	3	0.3	6	1.6	2	0.2	1	0.6	12	0.5
Receptionists (319)	10	1.1	-	-	1	0.1	1	0.6	12	0.5
Science technicians, n.e.c. (225)	1	0.1	-	-	6	0.6	4	2.2	11	0.4
Cashiers (276)	9	1.0	1	0.3	1	0.1	-	-	11	0.4
Supervisors, general office (303)	6	0.7	2	0.5	2	0.2	-	-	10	0.4
Teachers' aides (387)	7	0.8	-	-	2	0.2	1	0.6	10	0.4
All others	124	13.5	23	6.2	45	4.2	14	7.8	206	8.2
Service	136	14.8	43	11.7	98	9.2	20	11.1	297	11.8
Janitors and cleaners (453)	27	2.9	6	1.6	32	3.0	4	2.2	69	2.7
Nursing aides, orderlies, and attendants (447)	13	1.4	8	2.2	5	0.5	2	1.1	28	1.1
Firefighting (417)	20	2.2	4	1.1	2	0.2	1	0.6	27	1.1
Health aides, except nursing (446)	3	0.3	1	0.3	12	1.1	3	1.7	19	0.8
Supervisors, cleaning and building service workers (448)	3	0.3	1	0.3	15	1.4	-	-	19	0.8
Maids and housemen (449)	4	0.4	3	0.8	5	0.5	3	1.7	15	0.6
Cooks (436)	4	0.4	2	0.5	4	0.4	2	1.1	12	0.5
Miscellaneous food preparation (444)	5	0.5	2	0.5	5	0.5	-	-	12	0.5
Hairdressers and cosmetologists (458)	4	0.4	5	1.4	2	0.2	-	-	11	0.4
All others	53	5.8	11	3.0	16	1.5	5	2.8	85	3.4
Farming, forestry, and fishing	42	4.6	4	1.1	6	0.6	-	-	52	2.1
Farm workers (479)	17	1.9	-	-	-	-	-	-	17	0.7
Groundskeepers and gardeners, except farm (486)	14	1.5	1	0.3	-	-	-	-	15	0.6
All others	11	1.2	3	0.8	6	0.6	-	-	20	0.8

See footnotes at end of table.

Table 9-7 (page 2 of 2). Work-related asthma: Primary occupations associated with work-related asthma cases by state, 1993-1999

Occupation (COC)	California		Massachusetts		Michigan		New Jersey		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
Precision production, craft, and repair	75	8.2	50	13.6	156	14.7	30	16.7	311	12.3
Supervisors, production (628)	7	0.8	5	1.4	31	2.9	3	1.7	46	1.8
Millwrights (544)	1	0.1	1	0.3	20	1.9	-	-	22	0.9
Machinists (637)	3	0.3	4	1.1	10	0.9	2	1.1	19	0.8
Specified mechanics and repairers, n.e.c. (547)	3	0.3	-	-	11	1.0	2	1.1	16	0.6
Electricians (575)	6	0.7	-	-	5	0.5	5	2.8	16	0.6
Optical goods workers (677)	1	0.1	-	-	15	1.4	-	-	16	0.6
Plumbers, pipefitters, and steamfitters (585)	3	0.3	2	0.5	9	0.8	-	-	14	0.6
Carpenters (567)	5	0.5	5	1.4	-	-	2	1.1	12	0.5
Industrial machinery repairers (518)	2	0.2	2	0.5	4	0.4	2	1.1	10	0.4
All others	44	4.8	31	8.4	51	4.8	14	7.8	140	5.5
Operators, fabricators, and laborers	137	14.9	71	19.3	568	53.6	54	30.0	830	32.9
Assemblers (785)	9	1.0	7	1.9	139	13.1	1	0.6	156	6.2
Welders and cutters (783)	8	0.9	6	1.6	51	4.8	1	0.6	66	2.6
Laborers, except construction (889)	5	0.5	2	0.5	48	4.5	1	0.6	56	2.2
Miscellaneous machine operators, n.e.c. (777)	8	0.9	5	1.4	30	2.8	5	2.8	48	1.9
Miscellaneous metal, plastic, stone, and glass working (715)	-	-	-	-	35	3.3	-	-	35	1.4
Production inspectors, checkers and examiners (796)	2	0.2	2	0.5	29	2.7	1	0.6	34	1.3
Painting and paint spray machine operators (759)	5	0.5	8	2.2	13	1.2	2	1.1	28	1.1
Mixing and blending machine operators (756)	6	0.7	6	1.6	9	0.8	1	0.6	22	0.9
Hand painting, coating, and decorating (789)	-	-	-	-	20	1.9	1	0.6	21	0.8
Separating, filtering, and clarifying machine operators (757)	4	0.4	3	0.8	5	0.5	8	4.4	20	0.8
Truck drivers (804)	8	0.9	-	-	5	0.5	4	2.2	17	0.7
Molding and casting machine operators (719)	3	0.3	-	-	13	1.2	-	-	16	0.6
Pressing machine operators (747)	-	-	-	-	16	1.5	-	-	16	0.6
Packaging and filling machine operators (754)	2	0.2	2	0.5	4	0.4	8	4.4	16	0.6
Machine operators, not specified (779)	5	0.5	6	1.6	0	0.0	5	2.8	16	0.6
Freight, stock, and material handlers, n.e.c. (883)	6	0.7	1	0.3	8	0.8	-	-	15	0.6
Grinding, abrading, buffing, and polishing machine operators (709)	-	-	3	0.8	10	0.9	1	0.6	14	0.6
Machine feeders and offbearers (878)	1	0.1	-	-	13	1.2	-	-	14	0.6
Bus drivers (808)	11	1.2	-	-	2	0.2	-	-	13	0.5
Hand packers and packagers (888)	3	0.3	1	0.3	7	0.7	1	0.6	12	0.5
Textile sewing machine operators (744)	2	0.2	1	0.3	7	0.7	-	-	10	0.4
Miscellaneous hand working occupations (795)	2	0.2	-	-	8	0.8	-	-	10	0.4
All others	47	5.1	18	4.9	96	9.1	14	7.8	175	6.9
Military occupations	2	0.2	-	-	-	-	-	-	2	0.1
Unclassifiable and miscellaneous unemployed	2	0.2	-	-	38	3.6	-	-	40	1.6
TOTAL	918	100.0	368	100.0	1,060	100.0	180	100.0	2,526	100.0

- indicates no cases reported.

n.e.c. - not elsewhere classified

COC - 1990 Census Occupation Code

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

SOURCE: Provisional SENSOR surveillance data as of September 2002, aggregated by reporting source years, and reported by R Harrison and J Flattery (California); L Davis, E Pechter, and B Pazos (Massachusetts); K Rosenman, MJ Reilly, and D Kalinowski (Michigan); and D Valiante and D Schill (New Jersey).