

Work-related respiratory conditions: Number of diagnoses associated with asbestos or other occupational exposures based on physician's judgment, selected occupational and environmental clinics, 1994–2004 (page 1 of 2)

	Number of diagnoses with asbestos exposure		Number of diagnoses with other occupational exposures		
	No.	%	No.	%	Most frequent hazards (No.)
RESPIRATORY DISEASES					
Malignant conditions	33	0.7	10	0.5	
Lung cancer	21	0.4	5	0.3	crystalline silica (2)
Laryngeal cancer	5	0.1	4	0.2	crystalline silica, dust n.o.s., exhaust n.o.s., hydrochloric acid, nitric acid, sulfuric acid (1 each)
Tonsillar cancer	-	-	1	0.1	smoke n.o.s. (1)
Mesothelioma	7	0.1	-	-	n/a
Upper airway diseases	2	0.0	316	16.5	
Upper respiratory irritation	1	0.0	304	15.8	indoor air pollutants (89), mold (33), dust n.o.s. (18)
Laryngeal disorders (excl. irritation or cancer)	1	0.0	8	0.4	indoor air pollutants (4), smoke n.o.s. (2)
Nasal polyps	-	-	2	0.1	asphalt, solvents n.o.s. (1 each)
Tracheal disorders (incl. tracheitis)	-	-	2	0.1	smoke n.o.s., soldering n.o.s. (1 each)
Lower airway diseases	44	0.9	889	46.4	
Asthma (incl. reactive airways dysfunction syndrome)	9	0.2	708	36.9	indoor air pollutants (138), isocyanates n.o.s. (49), solvents n.o.s. (42)
COPD (incl. emphysema & chronic bronchitis)	35	0.7	104	5.4	smoke n.o.s. (16), coal (10), crystalline silica (10)
Bronchitis, acute	-	-	12	0.6	chemicals n.o.s., indoor air pollutants (2 each)
Bronchitis, n.o.s.	-	-	64	3.3	chemicals n.o.s. (8), indoor air pollutants (8), acrolein (6)
Bronchiectasis	-	-	1	0.1	indoor air pollutants (1)
Interstitial inflammatory/fibrotic diseases	4,378	92.4	275	14.3	
Asbestosis	4,373	92.3	1	0.1	diesel exhaust (1)
Silicosis	-	-	166	8.7	crystalline silica (162)
Coal workers' pneumoconiosis	-	-	62	3.2	coal (62), amorphous silica (1)
Pneumoconiosis due to other or mixed dust	3	0.1	10	0.5	cement dust, cotton dust, welding n.o.s. (2 each)
Hypersensitivity pneumonitis	-	-	14	0.7	cutting oils (4), mold (3), wood dust n.o.s. (2)
Interstitial pulmonary fibrosis	2	0.0	13	0.7	chemicals n.o.s., lubricants n.o.s., mold n.o.s. (2 each)
Chemical pneumonitis	-	-	4	0.2	smoke n.o.s. (2)
Pneumonia	-	-	3	0.2	dust n.o.s., fumes n.o.s., late effects of traumatic injury (1 each)
Sarcoidosis	-	-	2	0.1	crystalline silica, paint, smoke n.o.s. (1 each)
Non-malignant pleural disease (w/o apparent lung disease)	260	5.5	5	0.3	crystalline silica (2)
Non-specific respiratory disorders	1	0.0	10	0.5	epoxy resins, fungicide n.o.s., methyl methacrylate, paint thinner, plastic smoke, printing chemicals n.o.s., smoke n.o.s., solvents n.o.s., sulfites n.o.s., zinc chloride (1 each)

See footnotes at end of table.

Work-related respiratory conditions: Number of diagnoses associated with asbestos or other occupational exposures based on physician's judgment, selected occupational and environmental clinics, 1994–2004 (page 2 of 2)

	Number of diagnoses with asbestos exposure		Number of diagnoses with other occupational exposures		
	No.	%	No.	%	Most frequent hazards (No.)
OTHER CONDITIONS					
Symptoms	8	0.2	45	2.3	
Shortness of breath	6	0.1	17	0.9	indoor air pollutants (3), solvents n.o.s. (2)
Cough	2	0.0	18	0.9	indoor air pollutants (6)
Chest pain	-	-	7	0.4	indoor air pollutants (2)
Hoarseness	-	-	2	0.1	indoor air pollutants (2)
Nosebleeds	-	-	1	0.1	glutaraldehyde (1)
Chemical poisonings	-	-	43	2.2	
Toxic effects of carbon monoxide	-	-	13	0.7	carbon monoxide (12), treated human sludge waste (1)
Metal fume fever	-	-	8	0.4	metal fumes n.o.s., zinc (2 each)
Toxic effects of gas/fumes/vapors/misc. chemicals (excl. lead or other heavy metals, pesticides, solvents)	-	-	21	1.1	smoke n.o.s. (3), carbon monoxide (2), ethylene oxide (2)
Hypoxia	-	-	1	0.1	fumes n.o.s. (1)
Miscellaneous	11	0.2	325	16.9	
Multiple chemical sensitivity	-	-	141	7.4	indoor air pollutants (53), chemicals n.o.s. (14), hydrocarbons n.o.s. (14), solvents n.o.s. (14)
Sick building syndrome	-	-	132	6.9	indoor air pollutants (112), hydrocarbons n.o.s. (3)
Positive PPD skin test	-	-	41	2.1	tuberculosis (41)
Lung function abnormalities	3	0.1	11	0.6	solvents n.o.s. (4)
Chest x-ray abnormalities	8	0.2	-	-	n/a
TOTAL	4,737	100.0	1,918	100.0	

- indicates no cases n.o.s. - not otherwise specified n/a - not applicable

NOTE: In this table, some diagnoses particularly those in the chemical poisonings and miscellaneous categories may not have been respiratory. Some patients (< 1%) in the asbestos exposure group had environmental exposure only. See appendices for source description and methods.

SOURCE: Association of Occupational and Environmental Clinics (AOEC) Occupational and Environmental Disease Database.