

OCCUPATIONAL DISEASES REPORTED

IN THE CZECH REPUBLIC IN THE YEAR 2006

Source:

Czech National Registry of Occupational Diseases
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 Center of Occupational Health
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A total of 1,216 occupational diseases were reported in the Czech Republic in the year 2006, corresponding to the incidence of 27.5 cases per 100,000 employees. There were 708 males and 508 females. The average age was 47 years (range 19 – 83 years), the average duration of exposure was 11 years (range <1 – 46 years).

Tab. 1: Occupational Diseases Reported in the Czech Republic

	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997
Number of patients	1122	1317	1318	1506	1567	1661	1713	1863	2801	2326
Number of occupational diseases	1216	1400	1388	1558	1600	1677	1751	1886	2111	2376
Of them										
Men	708	817	826	972	977	1034	1104	1192	1261	1551
Women	508	583	562	586	623	643	647	694	850	825
Incidence per 100,000 employees	27,5	31,9	31,9	35,4	35,7	37,4	38,7	41,2	42,1	51,6

**Fig. 1: Occupational Diseases
Reported in the Czech Republic in 1991-2006**

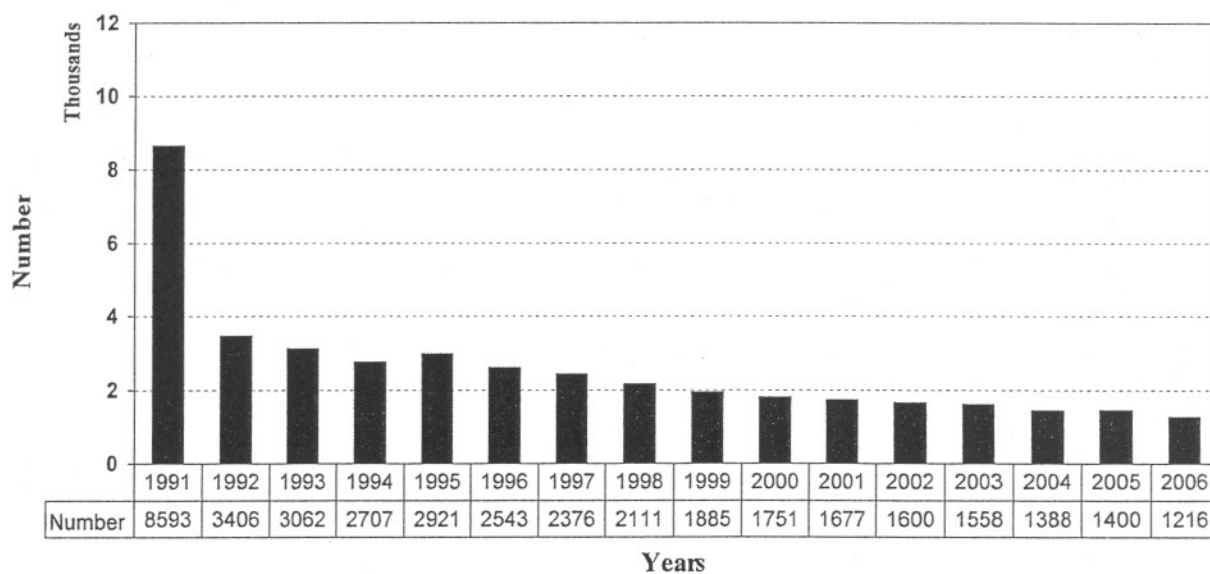


Figure 1 shows the development of the total number of occupational diseases reported in the Czech Republic during the existence of the Czech National Registry of Occupational Disease, i.e. since 1991. A decreasing trend in the numbers is evident.

**Tab. 2: Occupational Diseases reported in the Czech Republic in 2006
by Categories of the List of Occupational Diseases**

Category of the List of occupational diseases	No. of occupational diseases
I. Diseases caused by chemical factors	32
II. Diseases caused by physical factors	534
III. Occupational respiratory diseases	239
IV. Occupational skin diseases	246
V. Infectious and parasitic diseases	164
VI. Diseases caused by other factors	1

Table 2 shows the structure of occupational diseases by the categories of the Czech List of occupational diseases. With the proportion of 43.9%, occupational diseases caused by physical factors were the most frequent ones.

**Tab. 3: Ten Most Frequent Occupational Diseases
in the Czech Republic in 2006**

Diagnosis	No. of cases
Allergic dermatitis caused by physical, chemical or biological factors	246
Carpal tunnel syndrome caused by overload with physical work	201
Carpal tunnel syndrome caused by vibrations	127
Diseases of tendons, tendon capsules or insertions of muscles or joints in the extremities due to long-term and stereotyped overload	111
Pneumokoniózy způsobené prachem s obsahem volného krystalického oxidu křemičitého	96
Bronchial asthma and allergic diseases of the respiratory tract	95
Scabies	53
Hearing loss caused by noise	32
Diseases of blood vessels in the hands due to work with vibrating tools and devices	27
Diseases of bones and joints in the hands, wrists or elbows due to work with vibrating tools and devices	20

Table 3 shows ten most frequent occupational diseases reported in the Czech Republic in the year 2006.

**Tab. 4: Ten Branches of Economic Activity
with Highest Number of Reported Occupational Diseases in 2006**

Branch of economic activity	No. of cases	
	Total	Women
Manufacture of basic metals and fabricated metal products	196	44
Mining and quarrying of energy producing materials	150	1
Health and social work	139	122
Manufacture of food products	96	65
Agriculture, hunting and forestry	92	40
Manufacture of other non-metallic mineral products	83	29
Manufacture of transport equipment	68	47
Construction	63	2
Manufacture of electrical and optical equipment	55	38
Manufacture of machinery and equipment N.E.C.	49	14

Table 4 gives the numbers of reported occupational diseases in ten branches of the national economy with the highest frequency of occupational diseases.