

**Table 41. Deaths from selected occupational diseases among persons aged 15 and over: United States, selected years 1980-2010**

(Data are based on death certificates)

Cause of death	1980 <sup>1</sup>	1985 <sup>1</sup>	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>2</sup>	2005 <sup>2</sup>	2009 <sup>2</sup>	2010 <sup>2</sup>
Multiple cause of death								
Angiosarcoma of liver <sup>3</sup> .....	---	---	---	---	16	26	27	29
Malignant mesothelioma <sup>4</sup> .....	699	715	874	897	2,531	2,704	2,753	2,744
Pneumoconiosis <sup>5</sup> .....	4,151	3,783	3,644	3,151	2,859	2,425	1,993	2,028
Coal workers' pneumoconiosis.....	2,576	2,615	1,990	1,413	949	652	480	486
Asbestosis.....	339	534	948	1,169	1,486	1,416	1,255	1,308
Silicosis.....	448	334	308	242	151	160	121	101
Other (including unspecified)....	814	321	413	343	290	222	158	146
Underlying cause of death								
Angiosarcoma of liver <sup>3</sup> .....	---	---	---	---	15	23	25	28
Malignant mesothelioma <sup>4</sup> .....	531	573	725	780	2,384	2,553	2,606	2,573
Pneumoconiosis.....	1,581	1,355	1,335	1,117	1,142	983	830	820
Coal workers' pneumoconiosis.....	982	958	734	533	389	270	206	213
Asbestosis.....	101	139	302	355	558	532	485	486
Silicosis.....	207	143	150	114	71	74	66	52
Other (including unspecified)....	291	115	149	115	124	107	73	69

---Data not available.

<sup>1</sup>For the period 1980-1998, underlying cause of death was coded according to the 9th Revision of the International Classification of Diseases (ICD). See Appendix II, Cause of death; Table III; Table IV.

<sup>2</sup>Starting with 1999 data, ICD-10 was introduced for coding cause of death. Discontinuities exist between 1998 and 1999 due to ICD-10 coding and classification changes.

Caution should be exercised in interpreting trends for the causes of death in this table, especially for those with major ICD-10 changes (e.g., malignant mesothelioma). See Appendix II, *International Classification of Diseases (ICD)*; Table IV.

<sup>3</sup>Prior to 1999, there was no discrete code for this condition.

<sup>4</sup>Prior to 1999, the combined ICD-9 categories of malignant neoplasm of peritoneum and malignant neoplasm of pleura served as a crude surrogate for malignant mesothelioma category under ICD-10.

<sup>5</sup>For multiple cause of death, counts for pneumoconiosis subgroups may sum to slightly more than total pneumoconiosis due to the reporting of more than one type of pneumoconiosis on some death certificates.

NOTES: Multiple cause of death includes underlying and nonunderlying causes of death. Cause-of-death titles for selected occupational diseases and corresponding code numbers according to the *International Classification of Diseases*, 9th and 10th Revisions. See Appendix II, Cause of death; Table IV.

See Appendix I, National Vital Statistics System (NVSS), Multiple Cause-of-death File, for information about tabulating cause-of-death data in this table.

Selection of occupational diseases is based on definitions in Mullan RJ, Murthy LI. Occupational sentinel health events: An updated list for physician recognition and public health surveillance. 1991; *Am J Ind Med* 19(6):775-99.

For more detailed information about pneumoconiosis deaths, see:

Work-Related Lung Disease Surveillance System available from: <http://www2a.cdc.gov/drds/WorldReportData/>.

Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS,  
National Vital Statistics System; annual public-use Mortality Files for underlying and  
multiple cause of death.  
See Appendix I, National Vital Statistics System (NVSS).

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