

Table 44. Deaths from selected occupational diseases among persons 15 years of age and over:
United States, selected years 1980-2007

(Data are based on death certificates)

Cause of death	1980 ¹	1985 ¹	1990 ¹	1995 ¹	2000 ²	2005 ²	2006 ²	2007 ²
Underlying and nonunderlying cause of death	Number of death certificates with cause of death code(s) mentioned							
Angiosarcoma of liver ³	---	---	---	---	16	26	23	22
Malignant mesothelioma ⁴	699	715	874	897	2,531	2,704	2,588	2,606
Pneumoconiosis ⁵	4,151	3,783	3,644	3,151	2,859	2,425	2,308	2,189
Coal workers' pneumoconiosis.....	2,576	2,615	1,990	1,413	949	652	654	524
Asbestosis.....	339	534	948	1,169	1,486	1,416	1,340	1,393
Silicosis.....	448	334	308	242	151	160	126	122
Other (including unspecified).....	814	321	413	343	290	222	206	163
Underlying cause of death	Number of deaths							
Angiosarcoma of liver ³	---	---	---	---	15	23	21	20
Malignant mesothelioma ⁴	531	573	725	780	2,384	2,553	2,452	2,432
Pneumoconiosis.....	1,581	1,355	1,335	1,117	1,142	983	907	898
Coal workers' pneumoconiosis.....	982	958	734	533	389	270	266	209
Asbestosis.....	101	139	302	355	558	532	485	538
Silicosis.....	207	143	150	114	71	74	67	72
Other (including unspecified).....	291	115	149	115	124	107	89	79

---Data not available.

¹For 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; Tables IV and V.

²Starting 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) and Table V.

³Prior to 1999, there was no discrete code for this condition.

⁴Prior 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.

⁵For underlying and nonunderlying 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: 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 V.

See Appendix I, National Vital Statistics System, 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 Report 2007, DHHS (NIOSH)

Publication Number 2008-143 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 mortality files for underlying and
multiple cause of death.

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