

Nebraska: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	20	46
Crude mortality rate (per 1,000,000 population)	3.29	48
Age-adjusted mortality rate (per 1,000,000 population)	1.68	50
Total years of potential life lost to life expectancy	225	47
Years of potential life lost to life expectancy (per death)	11.3	41

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	12	60.0
Coal workers' pneumoconiosis	0	0.0
Silicosis	4	20.0
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	4	20.0

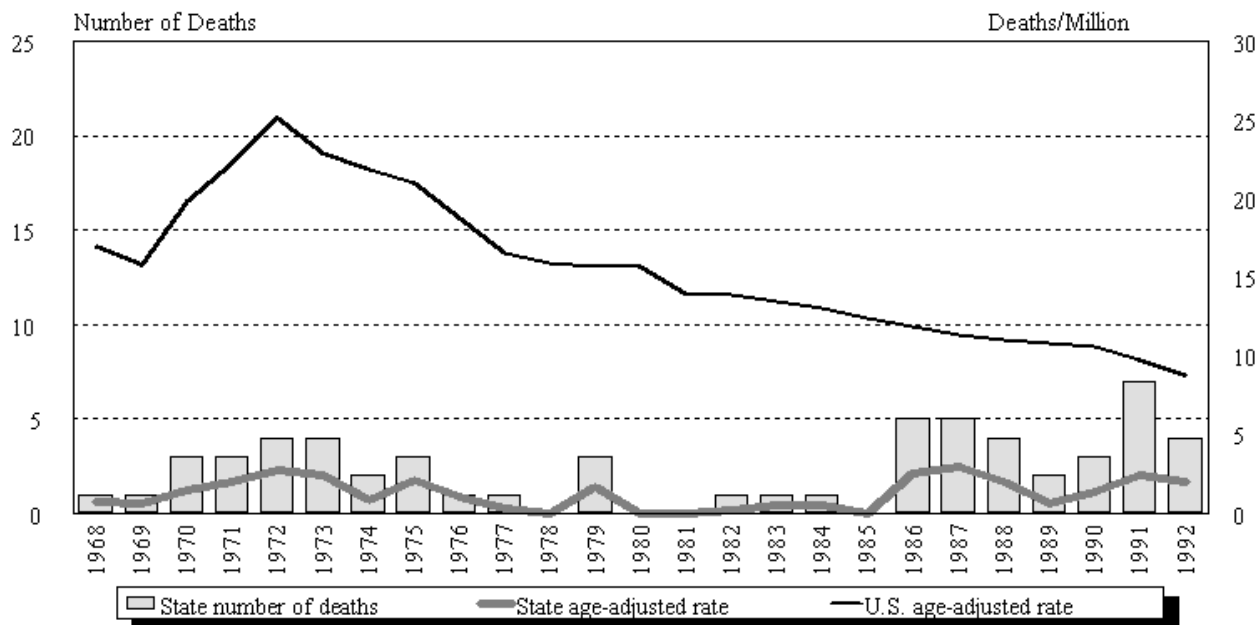
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure NE-1. All pneumoconioses: Nebraska and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Nebraska

**Table NE-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Nebraska residents age 15 and over, 1968-1992**

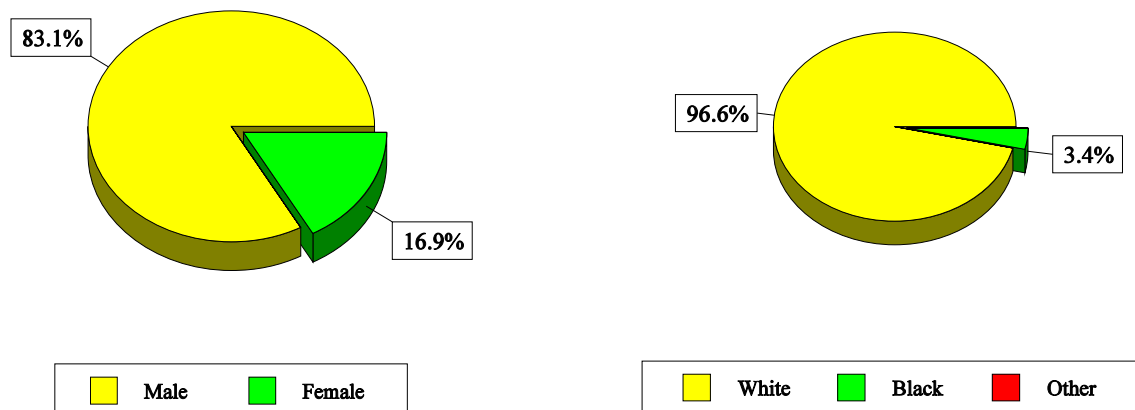
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	1	0.77			-	-	1	0.77
1969	-	-	-	-	1	0.61			-	-	1	0.61
1970	-	-	2	0.85	1	0.61			-	-	3	1.46
1971	-	-	1	0.77	1	0.77			2	1.22	3	1.99
1972	2	1.54	-	-	2	1.21			-	-	4	2.75
1973	-	-	-	-	-	-			4	2.40	4	2.40
1974	-	-	-	-	2	0.80			-	-	2	0.80
1975	-	-	1	0.77	1	0.77			1	0.60	3	2.14
1976	-	-	-	-	-	-			1	1.00	1	1.00
1977	-	-	-	-	-	-			1	0.35	1	0.35
1978	-	-	-	-	-	-			-	-	-	-
1979	3	1.67	-	-	-	-	-	-	-	-	3	1.67
1980	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	1	0.15	-	-	-	-	-	-	1	0.15
1983	-	-	-	-	-	-	-	-	1	0.56	1	0.56
1984	1	0.55	-	-	-	-	-	-	-	-	1	0.55
1985	-	-	-	-	-	-	-	-	-	-	-	-
1986	4	1.94	-	-	-	-	-	-	1	0.55	5	2.49
1987	5	2.98	-	-	-	-	-	-	-	-	5	2.98
1988	2	0.86	-	-	-	-	-	-	2	1.11	4	1.97
1989	2	0.61	-	-	-	-	-	-	-	-	2	0.61
1990	3	1.40	-	-	-	-	-	-	-	-	3	1.40
1991	3	0.89	-	-	3	0.97	-	-	1	0.55	7	2.40
1992	2	0.93	-	-	1	0.54	-	-	1	0.54	4	2.02

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NE-2. All pneumoconioses: Distribution of deaths by sex and race, Nebraska residents age 15 and over, 1968-1992**



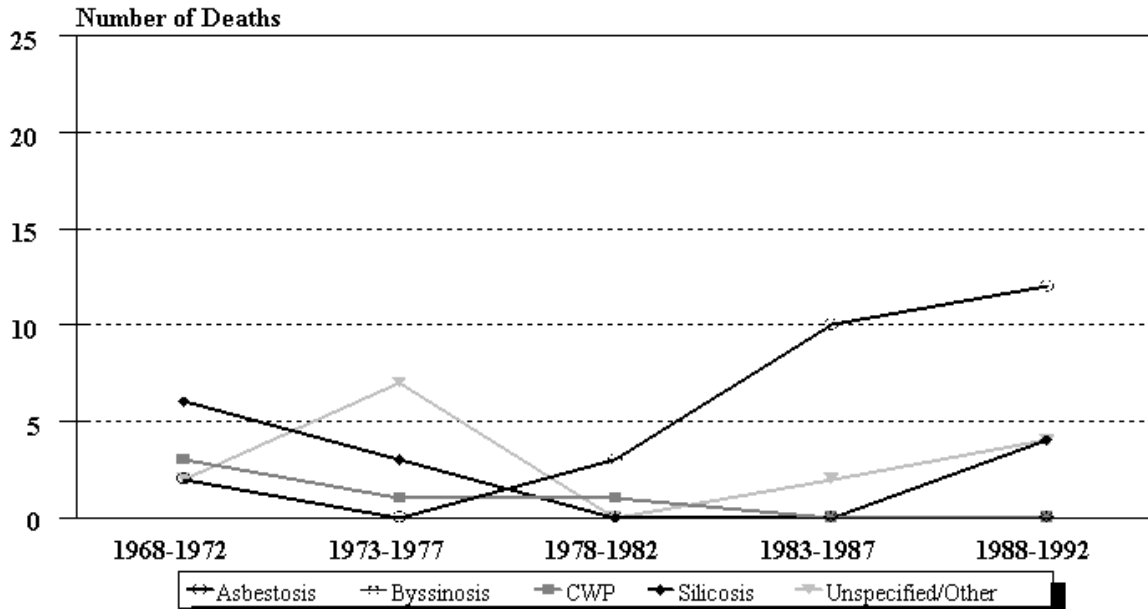
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NE-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Nebraska residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		59	100.0	20	100.0
Sex	Male	49	83.1	19	95.0
	Female	10	16.9	1	5.0
Race	White	57	96.6	20	100.0
	Black	2	3.4	0	0.0
	Other	0	0.0	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	0	0.0	0	0.0
	45-54	2	3.4	0	0.0
	55-64	10	16.9	1	5.0
	65-74	29	49.2	9	45.0
	75-84	12	20.3	8	40.0
	85+	6	10.2	2	10.0
	Mean age	71.0		74.6	
	Range for age	46-88		60-88	

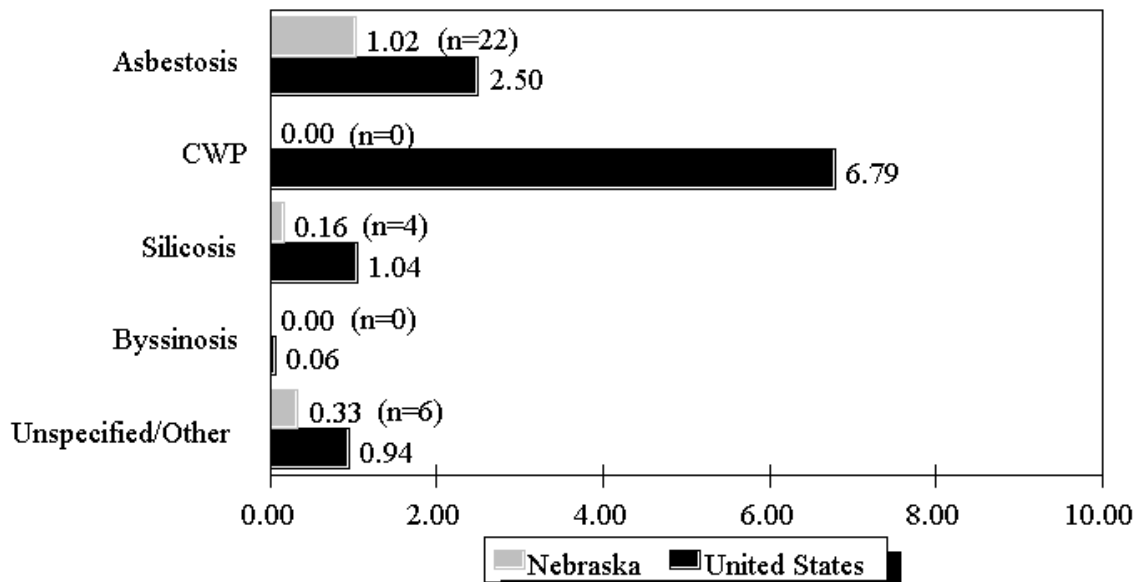
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NE-3. Pneumoconiosis deaths by condition, Nebraska residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NE-4. Nebraska and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table NE-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Nebraska residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Boone	1	<b>12.08</b>	-	-	-	-	-	-	-	-	1	<b>12.08</b>
Cass	-	-	-	-	-	-	-	-	1	<b>4.96</b>	1	<b>4.96</b>
Custer	-	-	-	-	-	-	-	-	1	<b>6.24</b>	1	<b>6.24</b>
Dawson	-	-	-	-	-	-	-	-	1	<b>4.57</b>	1	<b>4.57</b>
Deuel	-	-	-	-	1	<b>10.71</b>	-	-	-	-	1	<b>10.71</b>
Douglas	18	<b>3.80</b>	-	-	2	<b>0.57</b>	-	-	2	<b>0.57</b>	22	<b>4.93</b>
Hall	-	-	-	-	1	<b>0.87</b>	-	-	-	-	1	<b>0.87</b>
Lancaster	1	<b>0.27</b>	-	-	-	-	-	-	1	<b>0.62</b>	2	<b>0.89</b>
Sarpy	2	<b>4.14</b>	-	-	-	-	-	-	-	-	2	<b>4.14</b>

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Nevada: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	22	45
Crude mortality rate (per 1,000,000 population)	4.59	42
Age-adjusted mortality rate (per 1,000,000 population)	3.15	40
Total years of potential life lost to life expectancy	259	45
Years of potential life lost to life expectancy (per death)	11.8	30

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	7	31.8
Coal workers' pneumoconiosis	4	18.2
Silicosis	10	45.5
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	1	4.5

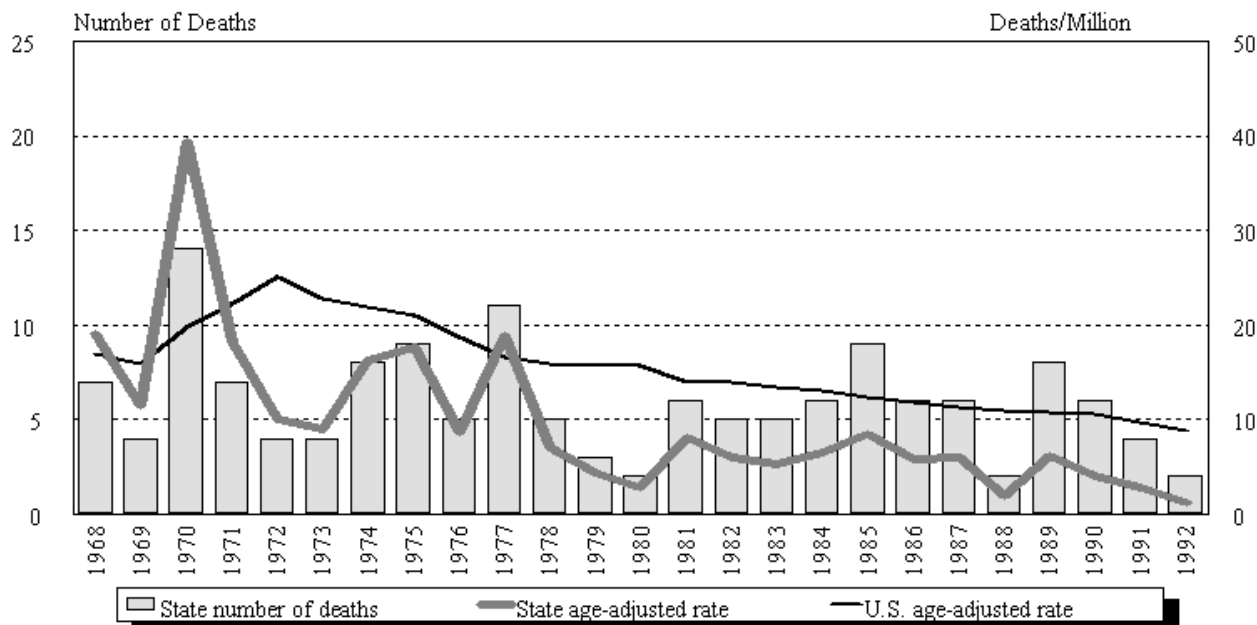
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure NV-1. All pneumoconioses: Nevada and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Nevada

**Table NV-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Nevada residents age 15 and over, 1968-1992**

Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	7	19.02			-	-	7	19.02
1969	1	3.02	-	-	3	8.41			-	-	4	11.43
1970	-	-	1	2.95	11	30.58			2	5.83	14	39.35
1971	1	2.78	-	-	6	15.45			-	-	7	18.22
1972	-	-	-	-	4	10.06			-	-	4	10.06
1973	-	-	-	-	4	9.08			-	-	4	9.08
1974	-	-	-	-	4	7.96			4	8.21	8	16.17
1975	-	-	1	1.46	8	16.26			1	2.07	9	17.72
1976	-	-	-	-	5	8.72			-	-	5	8.72
1977	1	1.67	-	-	7	12.14			3	5.09	11	18.90
1978	-	-	2	3.17	2	2.77			1	1.16	5	7.09
1979	-	-	1	1.49	2	2.94	-	-	-	-	3	4.43
1980	1	1.39	-	-	1	1.42	-	-	-	-	2	2.81
1981	2	3.04	1	1.27	1	1.30	-	-	2	2.54	6	8.16
1982	1	1.16	2	2.45	2	2.45	-	-	-	-	5	6.06
1983	1	1.23	1	1.09	2	1.92	-	-	1	1.13	5	5.37
1984	1	1.20	3	3.14	2	2.29	-	-	-	-	6	6.62
1985	3	3.03	2	1.73	4	3.73	-	-	-	-	9	8.49
1986	4	4.02	-	-	2	1.81	-	-	-	-	6	5.83
1987	3	3.31	-	-	3	2.68	-	-	-	-	6	5.99
1988	1	1.08	-	-	1	0.78	-	-	-	-	2	1.87
1989	-	-	1	0.54	6	4.92	-	-	1	0.73	8	6.18
1990	2	1.50	1	0.67	3	1.91	-	-	-	-	6	4.07
1991	3	2.04	1	0.71	-	-	-	-	-	-	4	2.76
1992	1	0.58	1	0.68	-	-	-	-	-	-	2	1.27

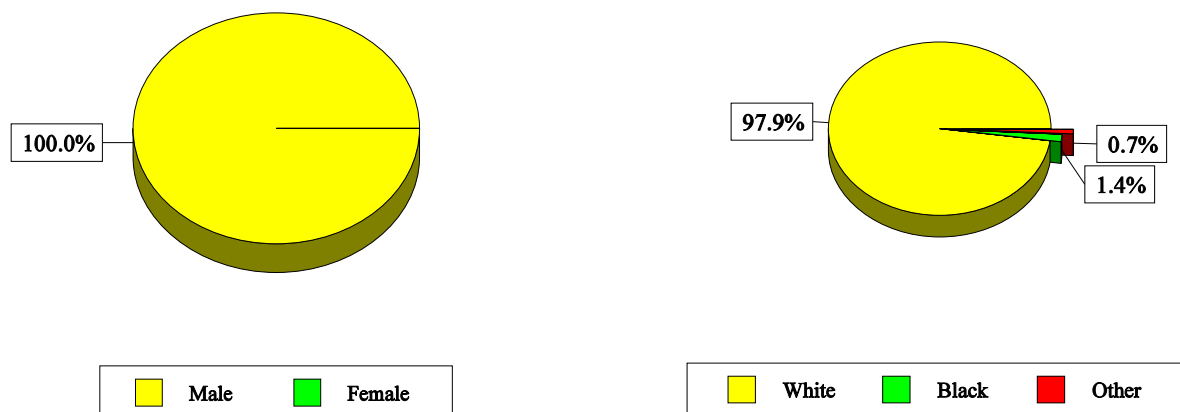
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Figure NV-2. All pneumoconioses: Distribution of deaths by sex and race, Nevada residents age 15 and over, 1968-1992**



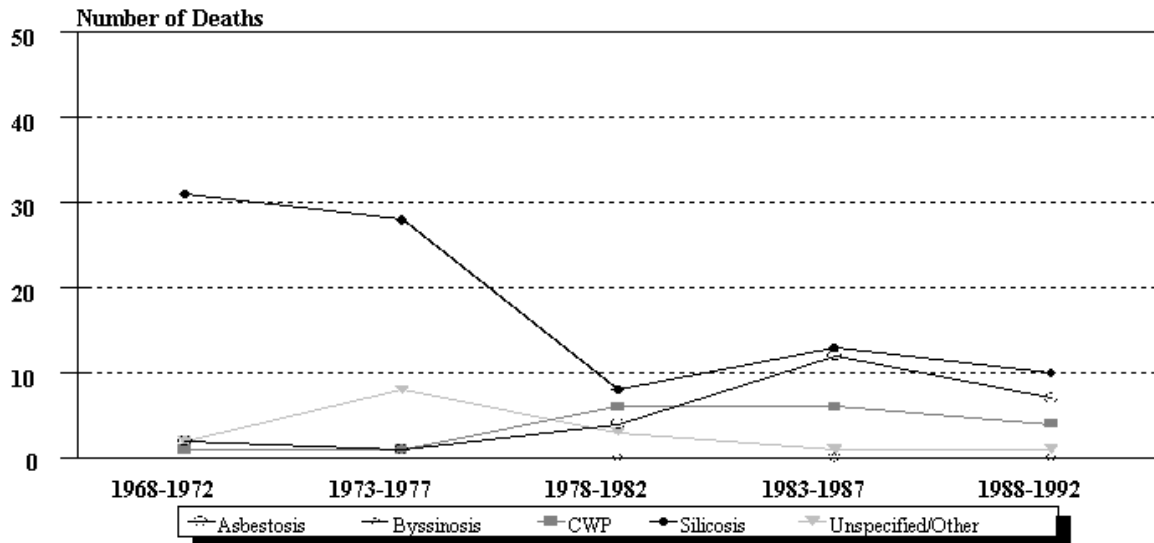
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NV-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Nevada residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		148	100.0	22	100.0
Sex	Male	148	100.0	22	100.0
	Female	0	0.0	0	0.0
Race	White	145	97.9	21	95.5
	Black	2	1.4	0	0.0
	Other	1	0.7	1	4.5
Age	15-24	0	0.0	0	0.0
	25-34	1	0.7	0	0.0
	35-44	2	1.4	0	0.0
	45-54	4	2.7	0	0.0
	55-64	31	20.9	2	9.1
	65-74	59	39.9	10	45.5
	75-84	39	26.4	8	36.4
	85+	12	8.1	2	9.1
	Mean age	70.5		73.6	
	Range for age	34-96		57-94	

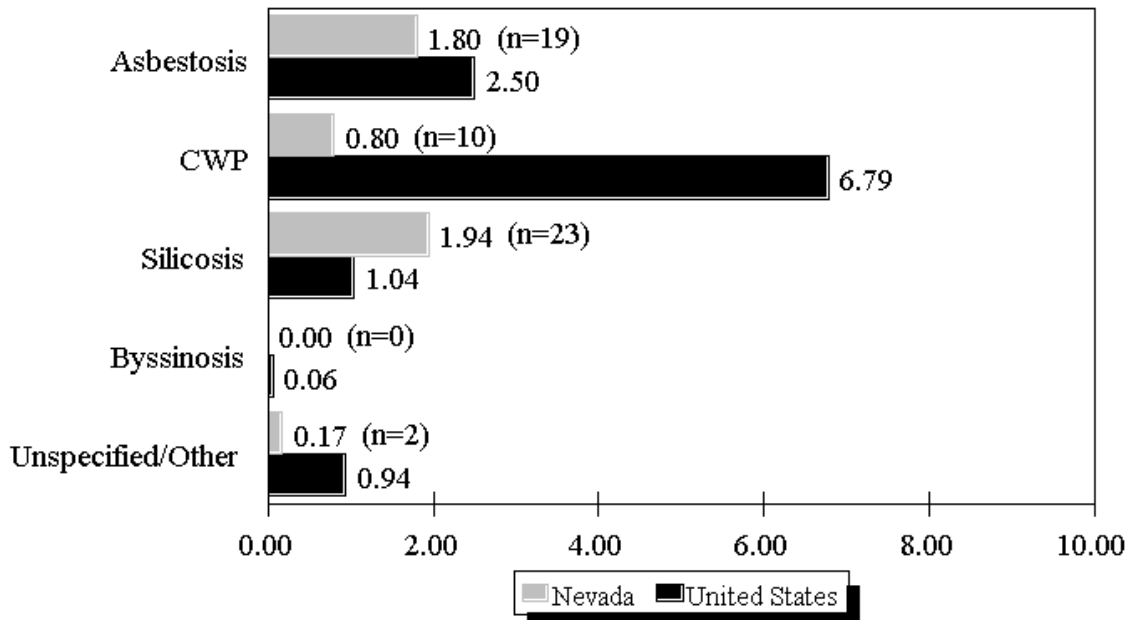
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NV-3. Pneumoconiosis deaths by condition, Nevada residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NV-4. Nevada and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table NV-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Nevada residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Churchill	1	3.34	-	-	4	22.11	-	-	-	-	5	25.45
Clark	14	2.27	7	1.04	6	0.94	-	-	-	-	27	4.25
Douglas	1	3.33	-	-	-	-	-	-	-	-	1	3.33
Humboldt	-	-	-	-	1	10.18	-	-	1	12.09	2	22.28
Lincoln	-	-	-	-	1	24.64	-	-	-	-	1	24.64
Lyon	-	-	-	-	2	7.92	-	-	-	-	2	7.92
Mineral	1	23.70	-	-	-	-	-	-	-	-	1	23.70
Washoe	2	0.97	3	1.16	4	1.50	-	-	1	0.34	10	3.97
White Pine	-	-	-	-	3	25.99	-	-	-	-	3	25.99
<b>Independent city:</b>												
Carson City	-	-	-	-	2	3.84	-	-	-	-	2	3.84

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



New Hampshire: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	<u>Value</u>	<u>State rank</u>
Total deaths	26	44
Crude mortality rate (per 1,000,000 population)	5.96	36
Age-adjusted mortality rate (per 1,000,000 population)	3.96	35
Total years of potential life lost to life expectancy	321	43
Years of potential life lost to life expectancy (per death)	12.3	20

Deaths by type of pneumoconiosis, 1988-1992

	<u>Deaths*</u>	<u>Percent**</u> <u>distribution</u>
Asbestosis	17	65.4
Coal workers' pneumoconiosis	1	3.8
Silicosis	7	26.9
Byssinosis	1	3.8
Unspecified/Other pneumoconiosis	1	3.8

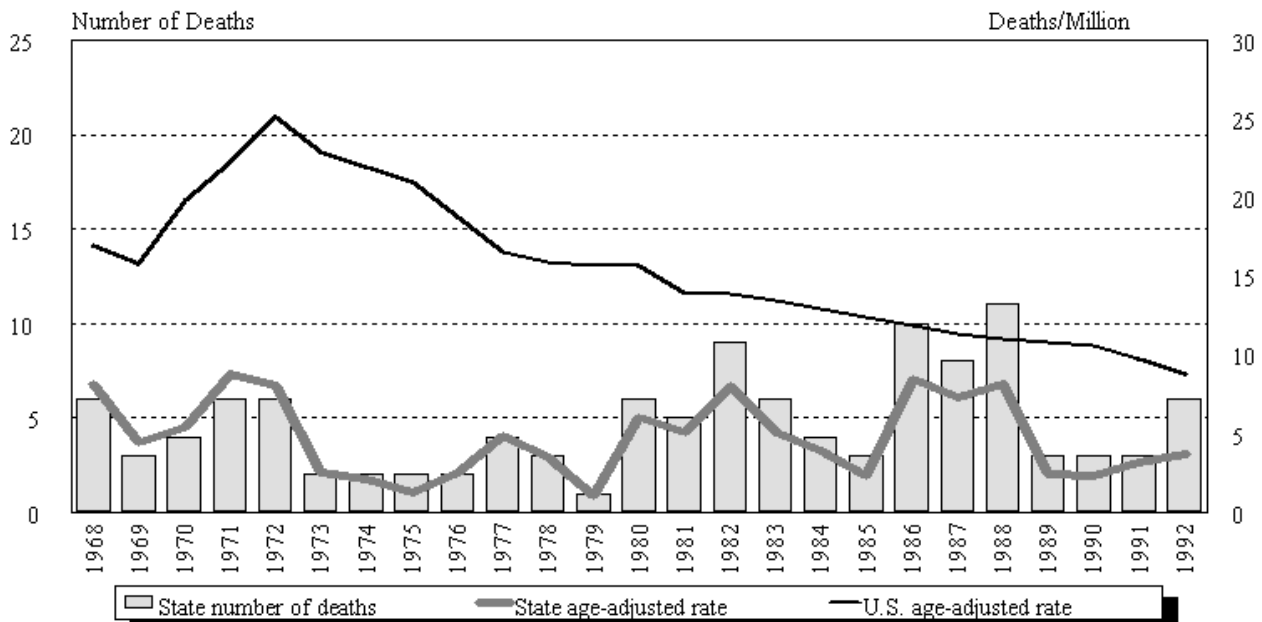
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\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure NH-1. All pneumoconioses: New Hampshire and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## New Hampshire

**Table NH-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, New Hampshire residents age 15 and over, 1968-1992**

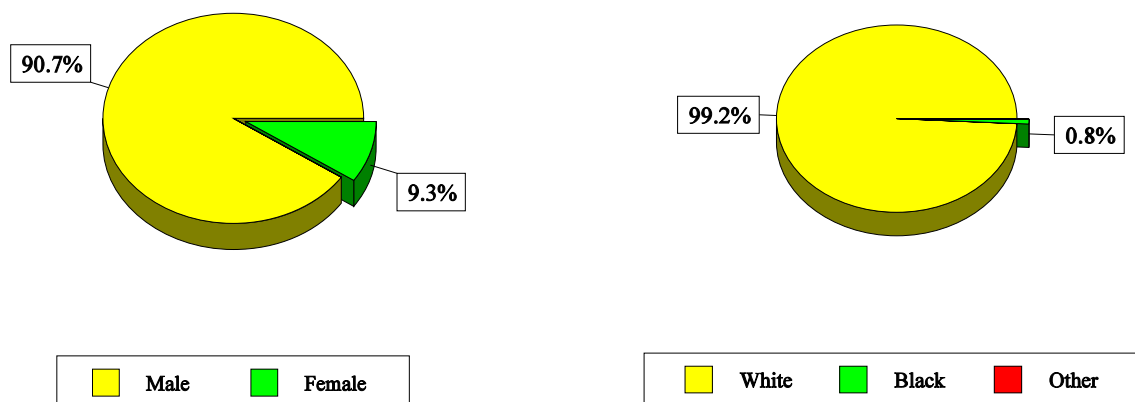
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	3	4.28			3	3.87	6	8.15
1969	-	-	-	-	1	1.58			2	2.86	3	4.45
1970	-	-	-	-	2	2.86			2	2.52	4	5.38
1971	1	1.32	1	1.55	4	5.97			-	-	6	8.84
1972	-	-	2	3.71	2	2.57			2	1.78	6	8.06
1973	-	-	1	1.25	-	-			1	1.25	2	2.51
1974	-	-	-	-	1	0.85			1	1.22	2	2.07
1975	-	-	1	0.83	1	0.47			-	-	2	1.30
1976	1	1.41	-	-	1	1.15			-	-	2	2.56
1977	2	2.72	2	2.14	-	-			-	-	4	4.86
1978	1	1.32	-	-	2	2.19			-	-	3	3.51
1979	1	1.07	-	-	-	-	-	-	-	-	1	1.07
1980	5	5.02	-	-	-	-	-	-	1	1.04	6	6.06
1981	5	5.13	-	-	-	-	-	-	-	-	5	5.13
1982	3	3.08	-	-	3	1.77	-	-	3	3.20	9	8.05
1983	5	4.35	-	-	1	0.69	-	-	-	-	6	5.04
1984	1	1.01	-	-	1	1.01	1	0.68	1	1.23	4	3.92
1985	1	0.99	-	-	1	0.99	-	-	1	0.33	3	2.31
1986	9	7.22	-	-	1	1.21	-	-	-	-	10	8.43
1987	6	5.20	-	-	1	0.94	-	-	1	1.21	8	7.34
1988	8	6.37	1	1.20	2	0.59	-	-	-	-	11	8.16
1989	2	1.49	-	-	1	0.91	-	-	-	-	3	2.39
1990	2	1.79	-	-	1	0.57	-	-	-	-	3	2.36
1991	1	1.24	-	-	2	1.80	1	1.39	-	-	3	3.19
1992	4	2.90	-	-	1	0.55	-	-	1	0.26	6	3.71

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NH-2. All pneumoconioses: Distribution of deaths by sex and race, New Hampshire residents age 15 and over, 1968-1992**



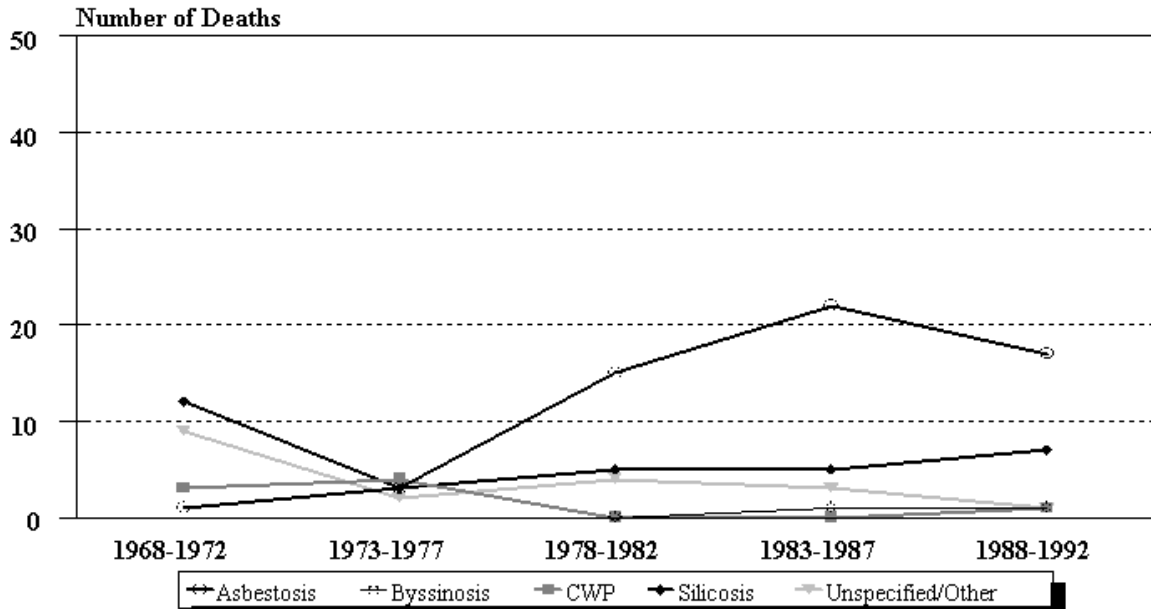
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NH-2. All pneumoconioses: Distribution of deaths by sex, race, and age, New Hampshire residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		118	100.0	26	100.0
Sex	Male	107	90.7	24	92.3
	Female	11	9.3	2	7.7
Race	White	117	99.2	26	100.0
	Black	1	0.8	0	0.0
	Other	0	0.0	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	0	0.0	0	0.0
	45-54	6	5.1	1	3.8
	55-64	30	25.4	4	15.4
	65-74	36	30.5	8	30.8
	75-84	38	32.2	9	34.6
	85+	8	6.8	4	15.4
Mean age		70.9		74.2	
Range for age		46-97		53-97	

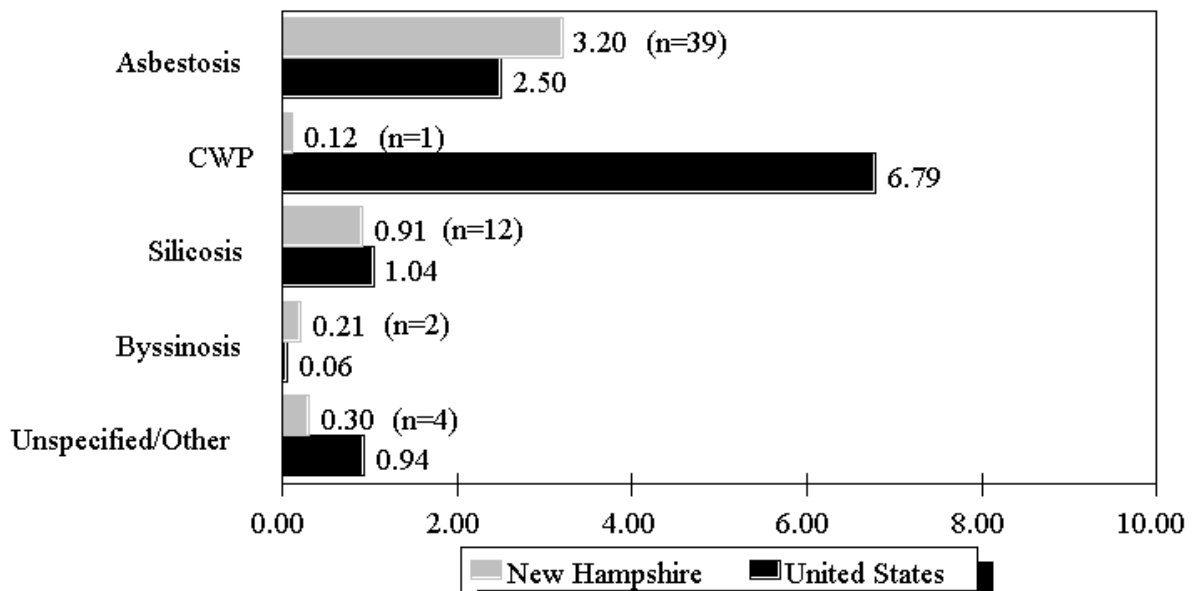
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NH-3. Pneumoconiosis deaths by condition, New Hampshire residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NH-4. New Hampshire and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table NH-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, New Hampshire residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Belknap	5	9.10	-	-	2	3.04	1	1.02	-	-	8	13.17
Cheshire	3	3.78	1	1.53	1	0.71	-	-	-	-	5	6.02
Coos	2	3.59	-	-	-	-	-	-	1	2.45	3	6.04
Grafton	3	2.90	-	-	2	2.21	-	-	1	0.70	6	5.81
Hillsborough	7	1.73	-	-	-	-	1	0.42	1	0.19	9	2.34
Merrimack	2	1.42	-	-	2	1.42	-	-	-	-	4	2.83
Rockingham	11	4.65	-	-	2	1.13	-	-	-	-	12	5.21
Strafford	6	6.07	-	-	1	0.61	-	-	1	1.21	8	7.89
Sullivan	-	-	-	-	2	3.67	-	-	-	-	2	3.67

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

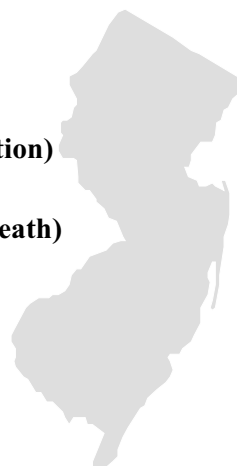
SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**New Jersey: Selected statistics from the United States section**

**All pneumoconioses mortality, 1988-1992**

	<u>Value</u>	<u>State rank</u>
Total deaths	643	7
Crude mortality rate (per 1,000,000 population)	20.68	7
Age-adjusted mortality rate (per 1,000,000 population)	11.88	7
Total years of potential life lost to life expectancy	7,801	7
Years of potential life lost to life expectancy (per death)	12.1	25



**Deaths by type of pneumoconiosis, 1988-1992**

	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	473	73.6
Coal workers' pneumoconiosis	79	12.3
Silicosis	50	7.8
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	46	7.2

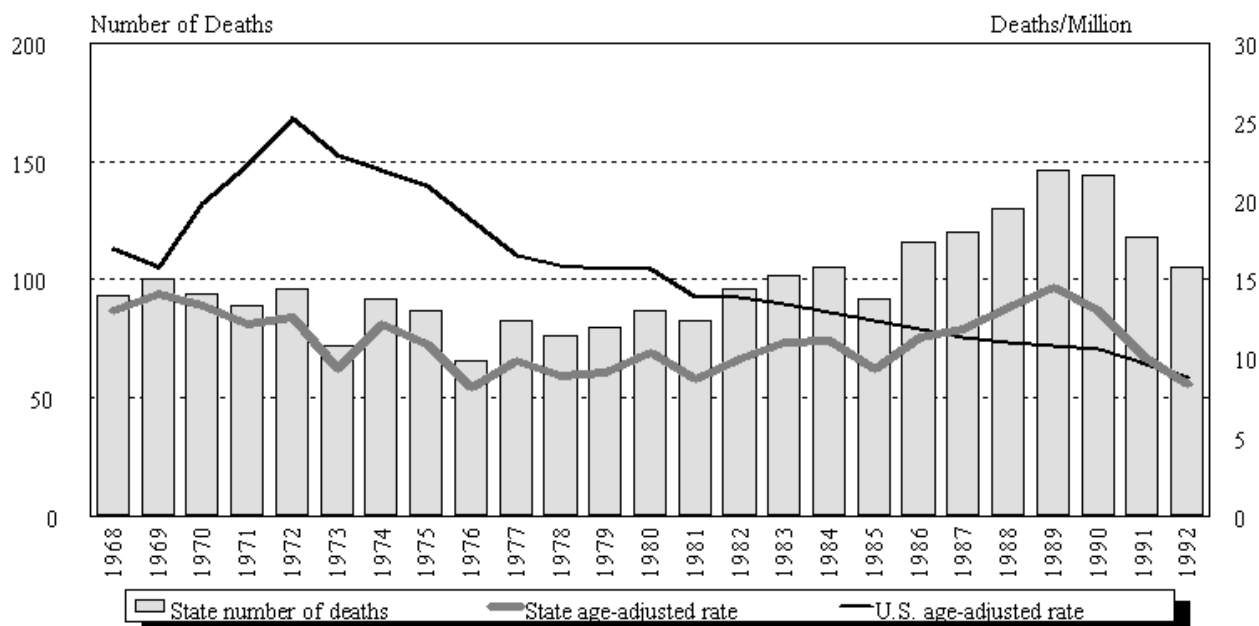
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NJ-1. All pneumoconioses: New Jersey and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## New Jersey

**Table NJ-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, New Jersey residents age 15 and over, 1968-1992**

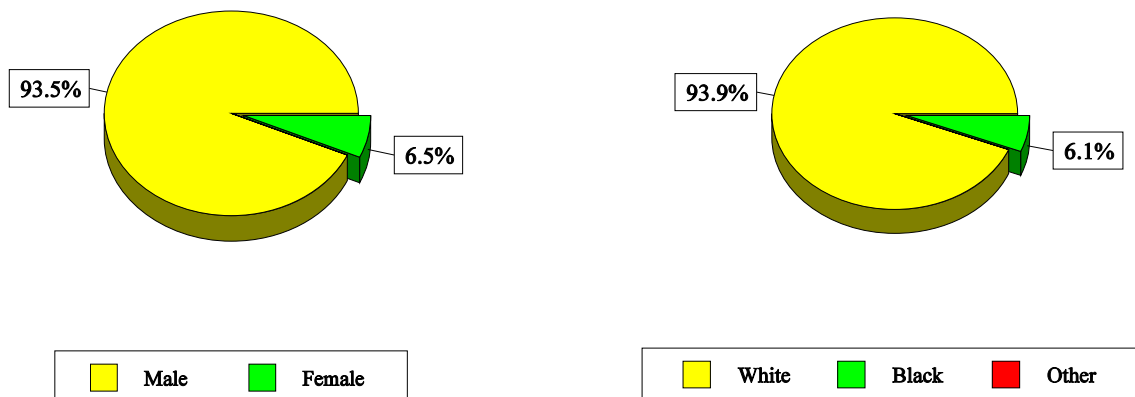
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	18	2.81	24	3.34	32	4.41			24	3.20	93	13.00
1969	18	2.67	19	2.63	32	4.50			36	4.86	100	14.05
1970	17	2.60	23	2.98	31	4.30			26	3.90	94	13.35
1971	15	2.18	25	3.13	29	3.99			21	3.03	89	12.20
1972	28	4.00	22	2.92	28	3.50			20	2.48	96	12.61
1973	14	1.98	15	2.00	26	3.22			19	2.43	72	9.38
1974	24	3.32	29	3.98	23	2.96			19	2.20	92	12.16
1975	18	2.21	20	2.67	22	2.64			29	3.67	87	10.91
1976	21	2.75	18	1.94	14	1.84			15	1.93	66	8.19
1977	26	3.21	15	1.92	18	2.09			24	2.65	83	9.87
1978	33	4.10	19	2.02	7	0.91			19	2.13	76	8.90
1979	34	4.11	23	2.62	8	0.79	-	-	16	1.72	80	9.14
1980	46	5.60	17	1.98	13	1.47	-	-	11	1.28	87	10.34
1981	43	4.82	15	1.38	13	1.25	-	-	13	1.37	83	8.71
1982	52	5.82	18	1.59	10	1.06	1	0.05	15	1.42	96	9.94
1983	51	5.67	21	2.14	10	1.17	-	-	20	2.09	102	11.07
1984	49	5.53	22	2.16	17	1.72	-	-	18	1.85	105	11.14
1985	63	6.69	11	0.98	8	0.70	1	0.11	9	0.80	92	9.29
1986	82	8.36	12	0.82	9	0.86	-	-	14	1.34	116	11.31
1987	80	8.63	18	1.36	12	1.00	-	-	11	0.96	120	11.91
1988	83	8.47	24	2.55	12	0.95	-	-	12	1.37	130	13.27
1989	102	10.56	22	1.97	12	0.95	-	-	11	1.09	146	14.50
1990	115	10.25	11	1.05	10	0.83	-	-	9	0.97	144	13.03
1991	93	8.28	8	0.50	11	0.89	-	-	7	0.50	118	10.13
1992	80	6.75	14	0.84	5	0.43	-	-	7	0.50	105	8.37

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NJ-2. All pneumoconioses: Distribution of deaths by sex and race, New Jersey residents age 15 and over, 1968-1992**



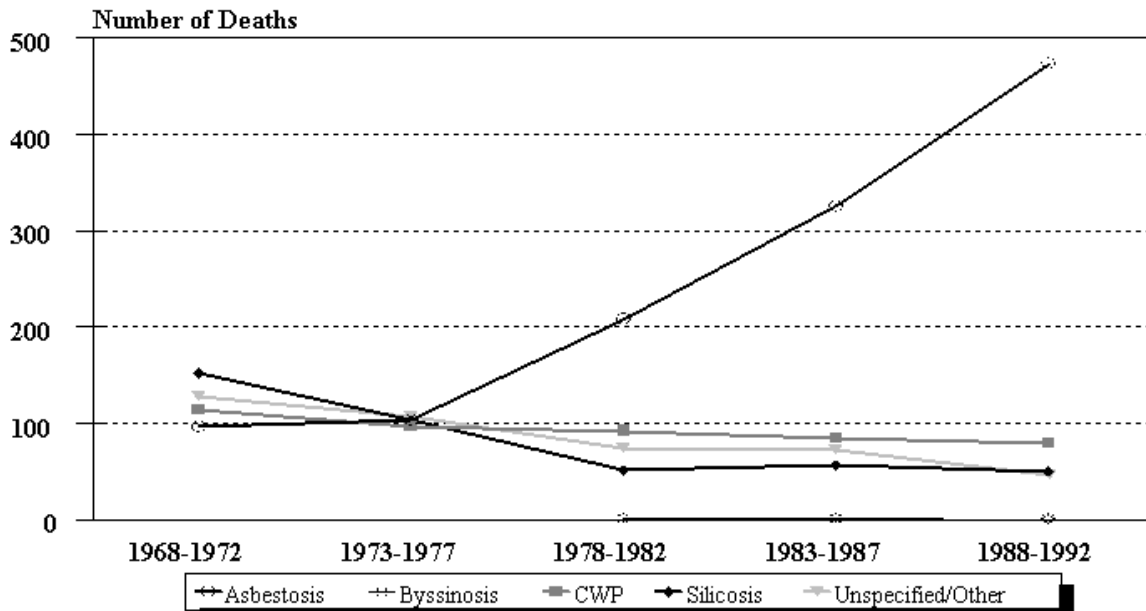
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NJ-2. All pneumoconioses: Distribution of deaths by sex, race, and age, New Jersey residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		2,472	100.0	643	100.0
Sex	Male	2,311	93.5	610	94.9
	Female	161	6.5	33	5.1
Race	White	2,321	93.9	595	92.5
	Black	150	6.1	48	7.5
	Other	1	0.0	0	0.0
Age	15-24	1	0.0	0	0.0
	25-34	5	0.2	0	0.0
	35-44	12	0.5	2	0.3
	45-54	104	4.2	16	2.5
	55-64	478	19.3	73	11.4
	65-74	929	37.6	238	37.0
	75-84	743	30.1	240	37.3
	85+	200	8.1	74	11.5
Mean age		71.2		74.1	
Range for age		19-102		43-102	

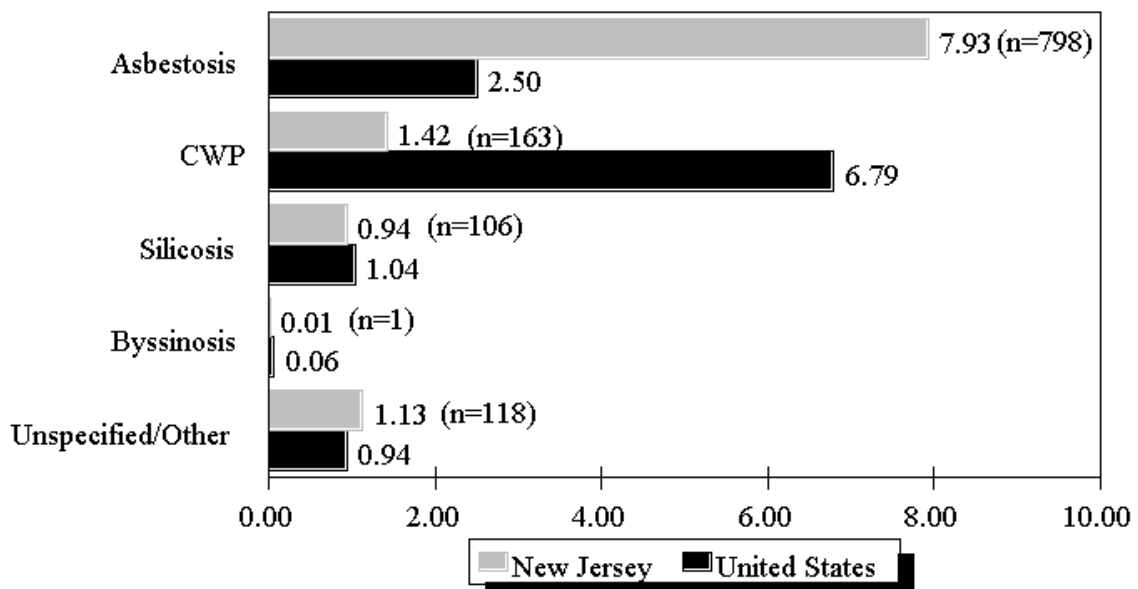
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NJ-3. Pneumoconiosis deaths by condition, New Jersey residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NJ-4. New Jersey and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table NJ-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, New Jersey residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Atlantic	21	5.58	3	0.83	2	0.63	-	-	4	1.74	29	8.58
Bergen	25	2.01	11	0.69	4	0.26	-	-	8	0.53	48	3.49
Burlington	41	10.55	6	1.31	3	0.55	-	-	5	1.03	55	13.45
Camden	188	33.75	6	0.98	5	0.77	-	-	4	0.66	202	35.96
Cape May	13	7.67	3	1.50	1	0.35	-	-	-	-	17	9.51
Cumberland	11	7.64	3	1.47	4	2.56	-	-	-	-	18	11.66
Essex	17	1.87	17	1.96	8	0.71	-	-	8	0.96	50	5.51
Gloucester	65	28.45	1	0.32	-	-	-	-	1	0.32	67	29.08
Hudson	16	2.42	13	2.14	6	0.82	-	-	4	0.38	39	5.76
Hunterdon	10	9.67	1	0.67	1	1.16	-	-	2	1.35	14	12.86
Mercer	10	2.39	14	2.91	15	2.80	-	-	10	2.39	48	10.32
Middlesex	66	8.96	23	2.99	12	1.61	-	-	24	3.21	123	16.51
Monmouth	16	2.59	10	1.03	1	0.19	-	-	3	0.38	30	4.18
Morris	19	4.21	11	2.11	4	0.61	-	-	4	0.96	37	7.73
Ocean	29	3.41	8	0.65	8	1.11	-	-	5	0.57	50	5.74
Passaic	21	3.77	7	1.23	8	1.56	1	0.22	5	0.78	42	7.56
Salem	6	7.24	1	0.74	-	-	-	-	-	-	7	7.98
Somerset	180	71.40	11	4.16	10	3.54	-	-	14	5.84	213	84.36
Sussex	2	1.66	-	-	1	0.55	-	-	-	-	3	2.22
Union	40	4.93	9	0.92	7	0.89	-	-	12	1.44	68	8.17
Warren	2	2.62	5	4.50	6	5.06	-	-	5	5.07	18	17.25

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.





**New Mexico: Selected statistics from the United States section**

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
<b>Total deaths</b>	<b>64</b>	<b>34</b>
<b>Crude mortality rate (per 1,000,000 population)</b>	<b>11.25</b>	<b>19</b>
<b>Age-adjusted mortality rate (per 1,000,000 population)</b>	<b>6.52</b>	<b>19</b>
<b>Total years of potential life lost to life expectancy</b>	<b>678</b>	<b>37</b>
<b>Years of potential life lost to life expectancy (per death)</b>	<b>10.6</b>	<b>45</b>

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
<b>Asbestosis</b>	<b>13</b>	<b>20.3</b>
<b>Coal workers' pneumoconiosis</b>	<b>16</b>	<b>25.0</b>
<b>Silicosis</b>	<b>21</b>	<b>32.8</b>
<b>Byssinosis</b>	<b>0</b>	<b>0.0</b>
<b>Unspecified/Other pneumoconiosis</b>	<b>14</b>	<b>21.9</b>

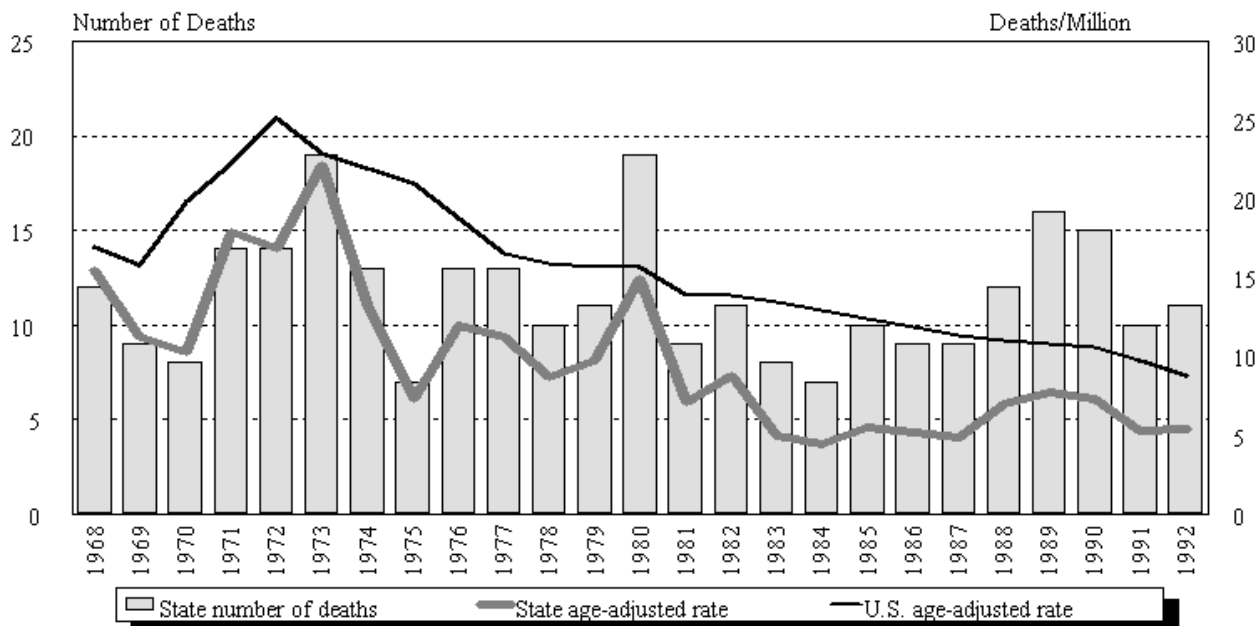
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NM-1. All pneumoconioses: New Mexico and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## New Mexico

**Table NM-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, New Mexico residents age 15 and over, 1968-1992**

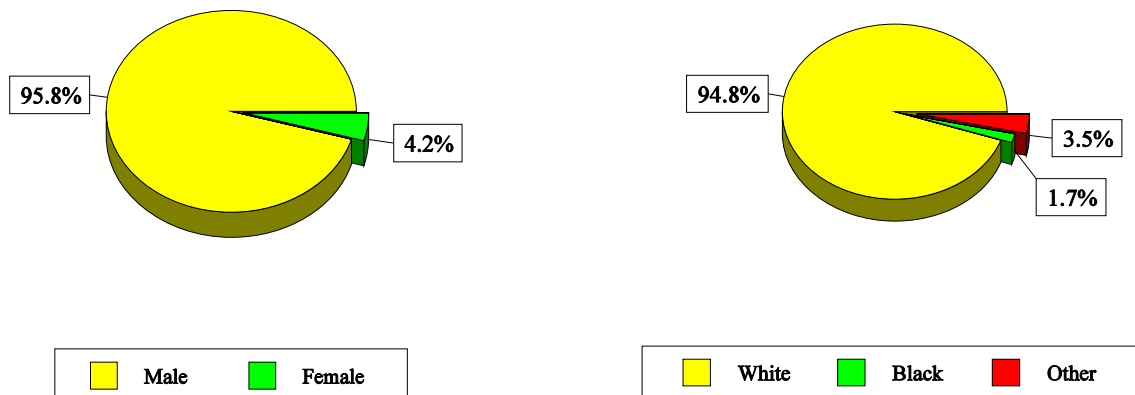
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	6	7.29			6	8.15	12	15.44
1969	-	-	-	-	7	8.67			2	2.53	9	11.20
1970	-	-	1	1.11	4	5.76			3	3.44	8	10.31
1971	-	-	3	3.73	7	9.34			4	4.79	14	17.86
1972	-	-	2	2.52	8	9.76			4	4.54	14	16.82
1973	1	1.43	3	3.20	6	6.41			9	11.12	19	22.16
1974	-	-	4	4.21	5	5.00			4	4.18	13	13.39
1975	-	-	1	1.08	3	3.04			4	4.22	7	7.26
1976	-	-	4	3.76	5	5.07			4	3.11	13	11.95
1977	-	-	3	2.41	3	2.77			7	6.03	13	11.22
1978	3	2.64	2	1.71	3	2.77			2	1.56	10	8.67
1979	-	-	6	5.44	3	2.81	-	-	2	1.46	11	9.70
1980	1	0.71	2	1.57	10	8.25	-	-	7	5.25	19	14.92
1981	1	0.67	2	1.64	4	3.76	-	-	2	1.06	9	7.12
1982	1	0.94	4	3.00	3	3.02	-	-	3	1.80	11	8.76
1983	1	0.59	6	3.75	1	0.59	-	-	-	-	8	4.94
1984	-	-	4	2.45	2	1.46	-	-	1	0.57	7	4.48
1985	1	0.89	5	2.90	2	1.08	-	-	2	0.63	10	5.49
1986	1	0.52	4	2.26	2	1.39	-	-	2	1.03	9	5.20
1987	4	2.57	2	0.79	1	0.70	-	-	2	0.79	9	4.84
1988	2	1.57	2	0.96	2	0.97	-	-	6	3.49	12	6.99
1989	5	2.57	4	2.28	4	1.49	-	-	3	1.39	16	7.73
1990	2	1.11	3	1.16	6	2.57	-	-	4	2.44	15	7.28
1991	3	1.96	3	1.12	4	2.17	-	-	-	-	10	5.25
1992	1	0.64	4	1.96	5	2.33	-	-	1	0.42	11	5.35

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NM-2. All pneumoconioses: Distribution of deaths by sex and race, New Mexico residents age 15 and over, 1968-1992**



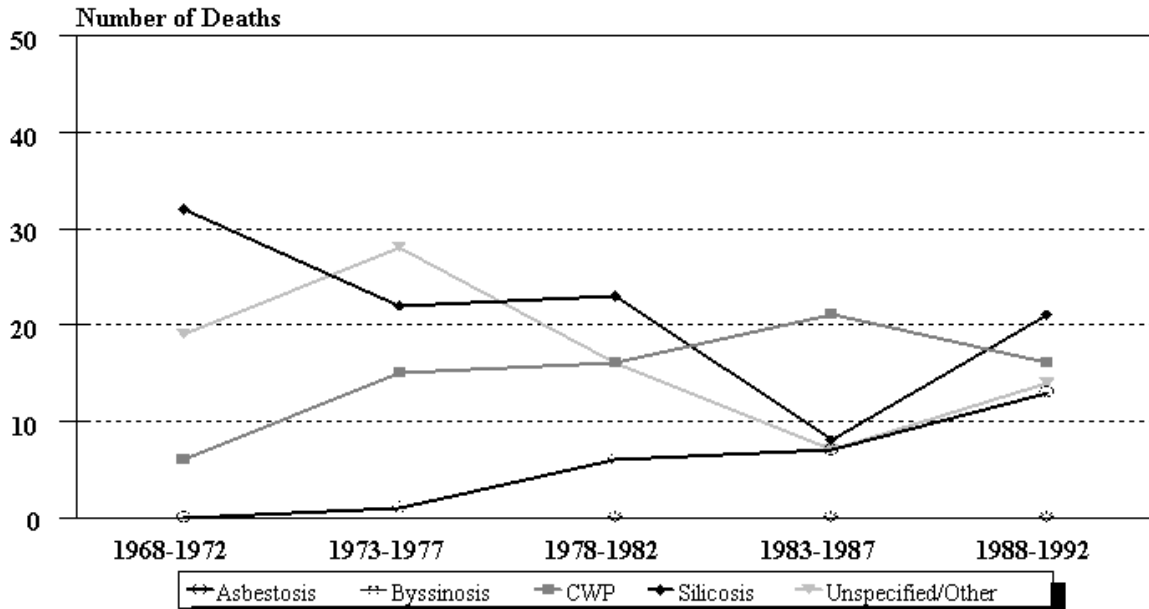
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NM-2. All pneumoconioses: Distribution of deaths by sex, race, and age, New Mexico residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		289	100.0	64	100.0
Sex	Male	277	95.8	61	95.3
	Female	12	4.2	3	4.7
Race	White	274	94.8	60	93.8
	Black	5	1.7	1	1.6
	Other	10	3.5	3	4.7
Age	15-24	0	0.0	0	0.0
	25-34	2	0.7	0	0.0
	35-44	1	0.3	0	0.0
	45-54	9	3.1	0	0.0
	55-64	44	15.2	7	10.9
	65-74	86	29.8	16	25.0
	75-84	114	39.4	27	42.2
	85+	33	11.4	14	21.9
Mean age		73.5		77.6	
Range for age		28-96		56-96	

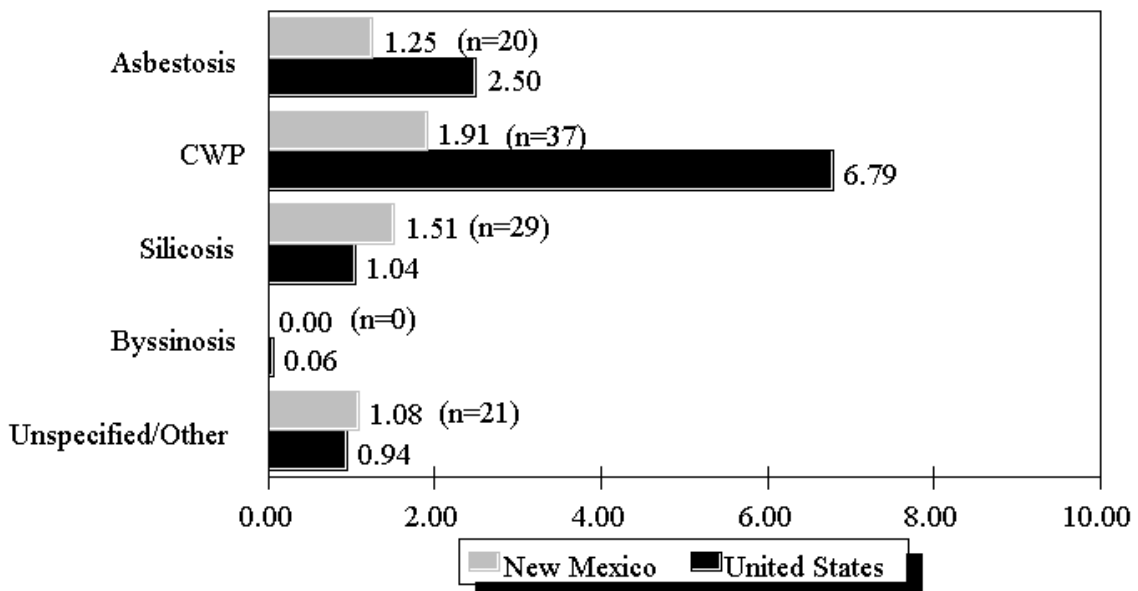
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NM-3. Pneumoconiosis deaths by condition, New Mexico residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NM-4. New Mexico and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table NM-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, New Mexico residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Bernalillo	5	1.18	9	1.56	6	1.11	-	-	1	0.15	21	4.00
Catron	1	32.58	-	-	-	-	-	-	-	-	1	32.58
Chaves	-	-	1	0.78	1	1.70	-	-	-	-	2	2.49
Cibola	1	3.60	-	-	-	-	-	-	-	-	1	3.60
Colfax	-	-	7	28.32	1	2.96	-	-	3	8.89	11	40.17
Curry	-	-	-	-	-	-	-	-	1	2.99	1	2.99
Dona Ana	1	0.64	-	-	2	1.28	-	-	3	2.68	6	4.60
Eddy	4	4.45	5	5.29	-	-	-	-	1	0.84	10	10.58
Grant	-	-	-	-	3	5.65	-	-	1	1.88	4	7.53
Lea	-	-	-	-	1	1.18	-	-	1	1.18	2	2.37
Luna	1	4.03	-	-	3	8.12	-	-	-	-	4	12.16
McKinley	-	-	3	6.76	-	-	-	-	-	-	3	6.76
Mora	-	-	1	9.36	-	-	-	-	-	-	1	9.36
Otero	-	-	-	-	1	2.50	-	-	-	-	1	2.50
Rio Arriba	-	-	-	-	3	7.97	-	-	-	-	3	7.97
Sandoval	1	2.25	1	1.36	-	-	-	-	-	-	2	3.61
San Juan	1	1.60	3	3.77	3	3.77	-	-	-	-	7	9.14
San Miguel	1	2.07	1	4.75	-	-	-	-	1	2.07	3	8.90
Santa Fe	1	1.30	5	4.26	2	1.48	-	-	8	7.04	16	14.08
Sierra	1	5.44	-	-	-	-	-	-	-	-	1	5.44
Socorro	1	8.48	-	-	1	4.63	-	-	-	-	2	13.11
Union	-	-	1	7.20	1	19.06	-	-	-	-	2	26.26
Valencia	1	1.83	-	-	-	-	-	-	-	-	1	1.83

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



New York: Selected statistics from the United States section

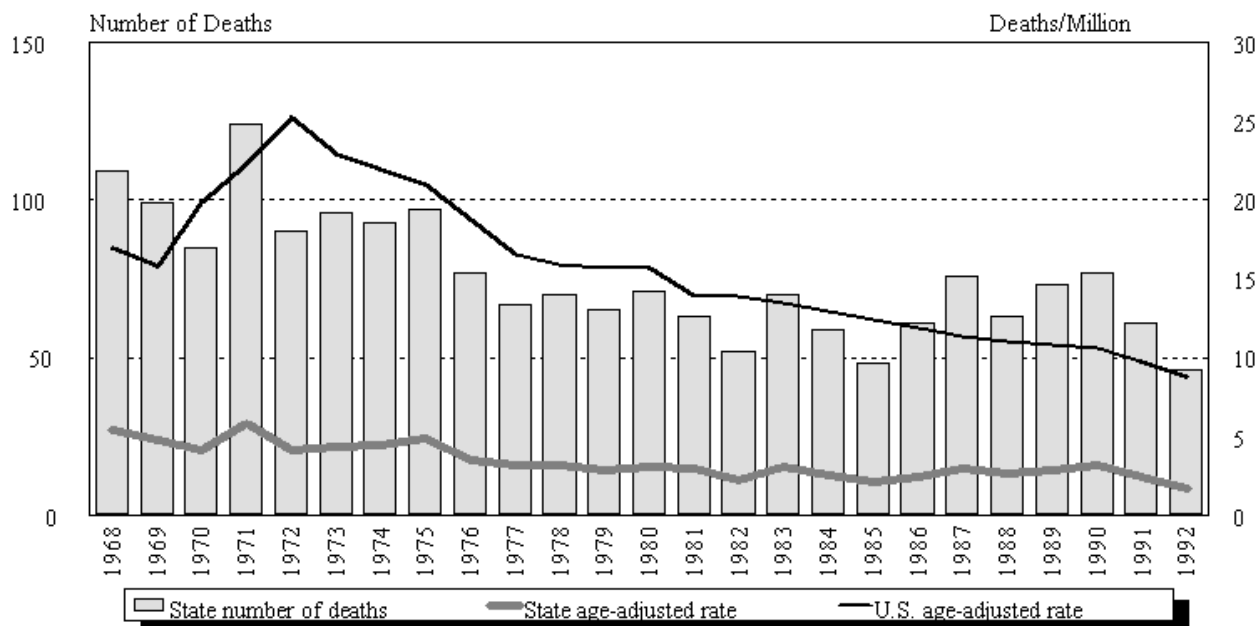
All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	320	11
Crude mortality rate (per 1,000,000 population)	4.45	44
Age-adjusted mortality rate (per 1,000,000 population)	2.56	46
Total years of potential life lost to life expectancy	3,913	11
Years of potential life lost to life expectancy (per death)	12.2	23

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	172	53.8
Coal workers' pneumoconiosis	41	12.8
Silicosis	67	20.9
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	43	13.4

\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.  
 \*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.  
 NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure NY-1. All pneumoconioses: New York and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## New York

**Table NY-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, New York residents age 15 and over, 1968-1992**

Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	8	0.44	18	0.85	59	2.91			27	1.31	109	5.39
1969	4	0.22	12	0.58	56	2.63			31	1.50	99	4.73
1970	7	0.35	17	0.82	44	2.13			20	0.95	85	4.13
1971	14	0.78	17	0.78	57	2.63			37	1.75	124	5.88
1972	4	0.18	22	1.02	42	1.94			24	1.06	90	4.13
1973	8	0.40	9	0.42	46	2.11			37	1.68	96	4.39
1974	6	0.28	18	0.80	38	1.83			35	1.68	93	4.44
1975	9	0.46	18	0.93	27	1.25			43	2.24	97	4.89
1976	11	0.53	17	0.83	21	0.87			30	1.37	77	3.51
1977	6	0.37	10	0.45	31	1.41			22	1.05	67	3.19
1978	14	0.71	9	0.39	26	1.18			21	0.94	70	3.23
1979	12	0.61	16	0.75	23	0.94	-	-	15	0.56	65	2.83
1980	13	0.64	24	0.93	17	0.84	-	-	18	0.77	71	3.12
1981	12	0.69	16	0.67	20	0.99	-	-	15	0.61	63	2.96
1982	16	0.71	15	0.63	11	0.43	-	-	10	0.42	52	2.19
1983	25	1.18	15	0.64	22	0.91	-	-	8	0.35	70	3.09
1984	24	1.13	6	0.23	17	0.74	-	-	12	0.50	59	2.60
1985	10	0.49	11	0.46	16	0.72	-	-	11	0.45	48	2.11
1986	25	1.02	16	0.59	9	0.38	1	0.03	10	0.37	61	2.39
1987	30	1.24	13	0.48	27	0.99	-	-	9	0.39	76	3.00
1988	29	1.24	13	0.46	12	0.59	-	-	9	0.37	63	2.65
1989	32	1.32	13	0.36	16	0.69	-	-	12	0.49	73	2.86
1990	44	1.98	9	0.30	15	0.60	-	-	10	0.36	77	3.21
1991	37	1.50	4	0.12	18	0.69	-	-	3	0.16	61	2.40
1992	30	1.07	2	0.04	6	0.26	-	-	9	0.35	46	1.67

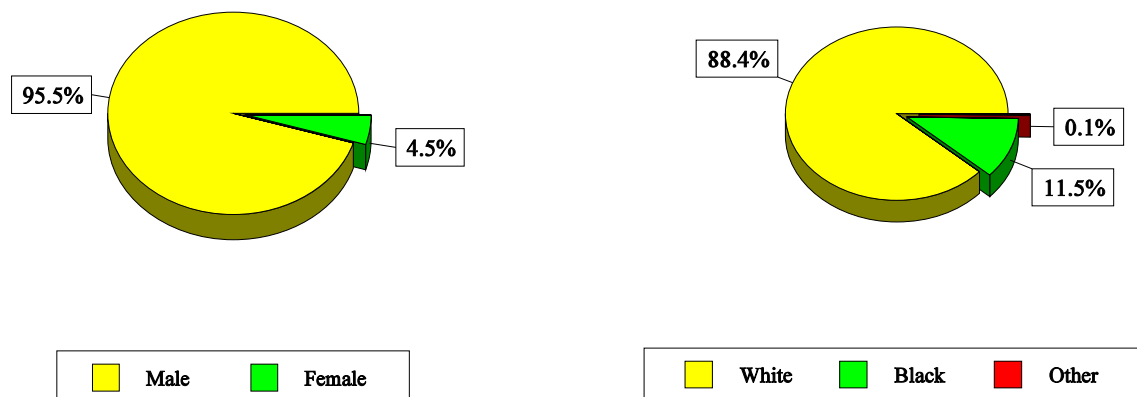
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Figure NY-2. All pneumoconioses: Distribution of deaths by sex and race, New York residents age 15 and over, 1968-1992**



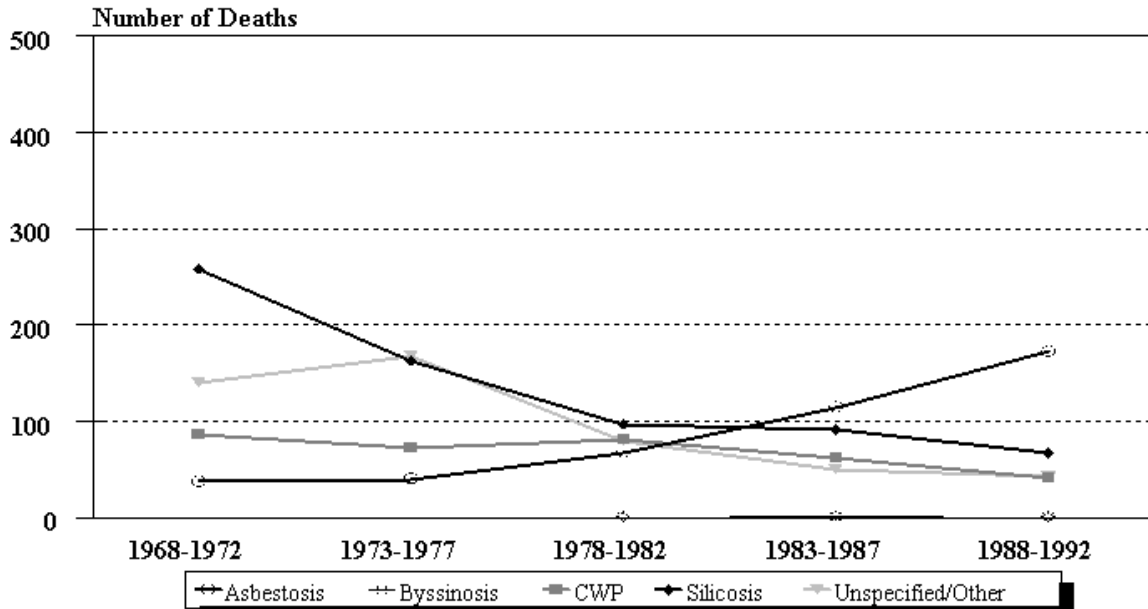
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table NY-2. All pneumoconioses: Distribution of deaths by sex, race, and age, New York residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1892	100.0	320	100.0
Sex	Male	1,807	95.5	306	95.6
	Female	85	4.5	14	4.4
Race	White	1,672	88.4	276	86.3
	Black	218	11.5	44	13.8
	Other	2	0.1	0	0.0
Age	15-24	2	0.1	1	0.3
	25-34	2	0.1	0	0.0
	35-44	9	0.5	0	0.0
	45-54	73	3.9	16	5.0
	55-64	328	17.3	43	13.4
	65-74	634	33.5	81	25.3
	75-84	654	34.6	128	40.0
	85+	190	10.0	51	15.9
Mean age		72.2		74.3	
Range for age		19-102		19-95	

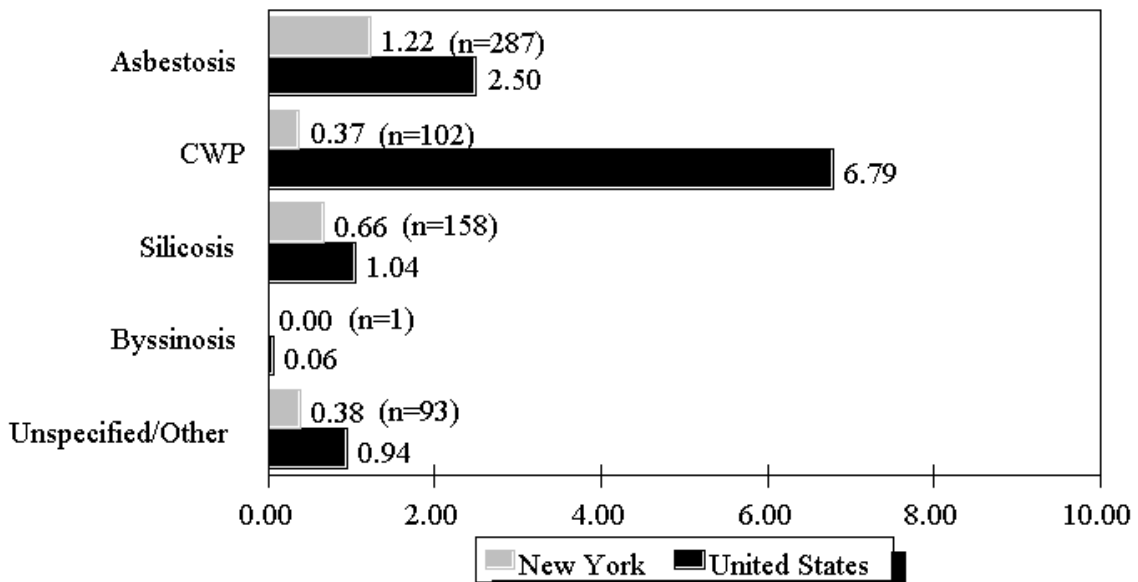
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NY-3. Pneumoconiosis deaths by condition, New York residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NY-4. New York and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table NY-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, New York residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Albany	10	3.00	1	0.34	2	0.29	-	-	3	0.63	16	4.26
Allegany	1	0.92	1	0.92	1	0.92	-	-	-	-	3	2.76
Bronx	13	0.87	5	0.37	7	0.60	-	-	5	0.32	30	2.17
Broome	3	1.35	12	3.63	-	-	-	-	7	2.14	22	7.12
Cattaraugus	-	-	1	0.55	2	1.70	-	-	1	1.15	4	3.39
Cayuga	-	-	-	-	2	1.79	-	-	2	2.47	3	3.03
Chautauqua	1	0.65	3	0.82	1	0.65	-	-	1	0.27	6	2.39
Chemung	2	1.46	2	0.94	1	0.47	-	-	2	1.99	7	4.85
Chenango	1	1.99	2	1.78	-	-	-	-	-	-	3	3.77
Clinton	-	-	-	-	1	0.79	-	-	-	-	1	0.79
Columbia	4	3.26	1	1.45	-	-	-	-	-	-	5	4.71
Cortland	1	1.06	-	-	1	3.24	-	-	-	-	2	4.30
Delaware	-	-	1	0.83	-	-	-	-	-	-	1	0.83
Dutchess	1	0.44	1	0.44	1	0.44	-	-	1	0.22	4	1.54
Erie	18	1.62	17	1.17	22	1.53	-	-	5	0.28	60	4.47
Essex	1	2.52	-	-	7	13.56	-	-	-	-	8	16.08
Fulton	1	0.71	-	-	-	-	-	-	-	-	1	0.71
Genesee	2	2.49	1	1.70	2	1.58	-	-	-	-	5	5.77
Greene	-	-	-	-	-	-	-	-	1	2.06	1	2.06
Herkimer	-	-	-	-	-	-	-	-	3	3.29	3	3.29
Jefferson	3	3.57	-	-	2	2.38	-	-	1	1.19	6	7.14
Kings	26	0.90	2	0.09	7	0.23	-	-	2	0.05	37	1.27
Lewis	-	-	-	-	1	2.00	-	-	1	2.00	2	4.00
Madison	-	-	-	-	1	0.86	-	-	-	-	1	0.86
Monroe	9	1.11	8	0.66	9	0.81	-	-	5	0.44	31	3.02
Montgomery	1	1.55	1	0.63	-	-	-	-	-	-	2	2.18
Nassau	31	1.69	2	0.08	4	0.21	1	0.04	4	0.17	41	2.16
New York	9	0.37	6	0.26	4	0.16	-	-	3	0.09	22	0.88
Niagara	9	2.70	2	0.42	2	0.62	-	-	5	2.06	18	5.81
Oneida	1	0.37	-	-	5	1.04	-	-	1	0.17	7	1.58
Onondaga	5	0.98	1	0.11	7	1.11	-	-	2	0.33	15	2.53

See footnotes at end of table.

## New York

**Table NY-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, New York residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Ontario	4	3.86	-	-	3	3.09	-	-	1	1.11	8	8.05
Orange	8	1.85	2	0.62	1	0.21	-	-	3	1.25	14	3.94
Oswego	2	1.52	-	-	-	-	-	-	-	-	2	1.52
Otsego	-	-	-	-	1	1.65	-	-	-	-	1	1.65
Putnam	-	-	-	-	-	-	-	-	1	0.84	1	0.84
Queens	30	1.16	11	0.34	14	0.56	-	-	11	0.39	65	2.40
Rensselaer	3	1.66	-	-	3	1.66	-	-	2	1.64	8	4.96
Richmond	5	0.95	-	-	1	0.16	-	-	2	0.53	8	1.65
Rockland	4	1.33	1	0.42	1	0.42	-	-	-	-	6	2.17
St. Lawrence	3	2.43	3	2.43	14	11.65	-	-	9	7.28	28	23.31
Saratoga	2	1.39	-	-	-	-	-	-	-	-	2	1.39
Schenectady	1	0.26	1	0.26	2	0.51	-	-	-	-	4	1.03
Schoharie	1	1.44	1	1.44	-	-	-	-	-	-	2	2.88
Schuyler	-	-	-	-	1	7.46	-	-	-	-	1	7.46
Seneca	1	2.81	-	-	1	2.81	-	-	-	-	2	5.63
Steuben	3	2.86	1	0.95	6	5.77	-	-	2	1.91	12	11.50
Suffolk	40	2.74	3	0.18	-	-	-	-	2	0.13	45	3.06
Sullivan	2	2.02	-	-	1	1.35	-	-	1	1.35	4	4.73
Tioga	-	-	1	1.20	2	4.31	-	-	-	-	3	5.51
Tompkins	-	-	-	-	1	1.64	-	-	1	0.75	2	2.40
Ulster	5	1.81	1	0.63	4	1.84	-	-	-	-	10	4.28
Warren	1	0.76	-	-	-	-	-	-	-	-	1	0.76
Washington	1	1.77	-	-	5	7.02	-	-	2	1.70	8	10.49
Wayne	3	3.47	1	1.29	1	0.63	-	-	-	-	5	5.39
Westchester	14	1.09	6	0.47	4	0.31	-	-	1	0.11	25	1.97

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

North Carolina: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	244	15
Crude mortality rate (per 1,000,000 population)	9.21	25
Age-adjusted mortality rate (per 1,000,000 population)	5.92	21
Total years of potential life lost to life expectancy	3,113	14
Years of potential life lost to life expectancy (per death)	12.8	11

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	100	41.0
Coal workers' pneumoconiosis	52	21.3
Silicosis	43	17.6
Byssinosis	29	11.9
Unspecified/Other pneumoconiosis	22	9.0

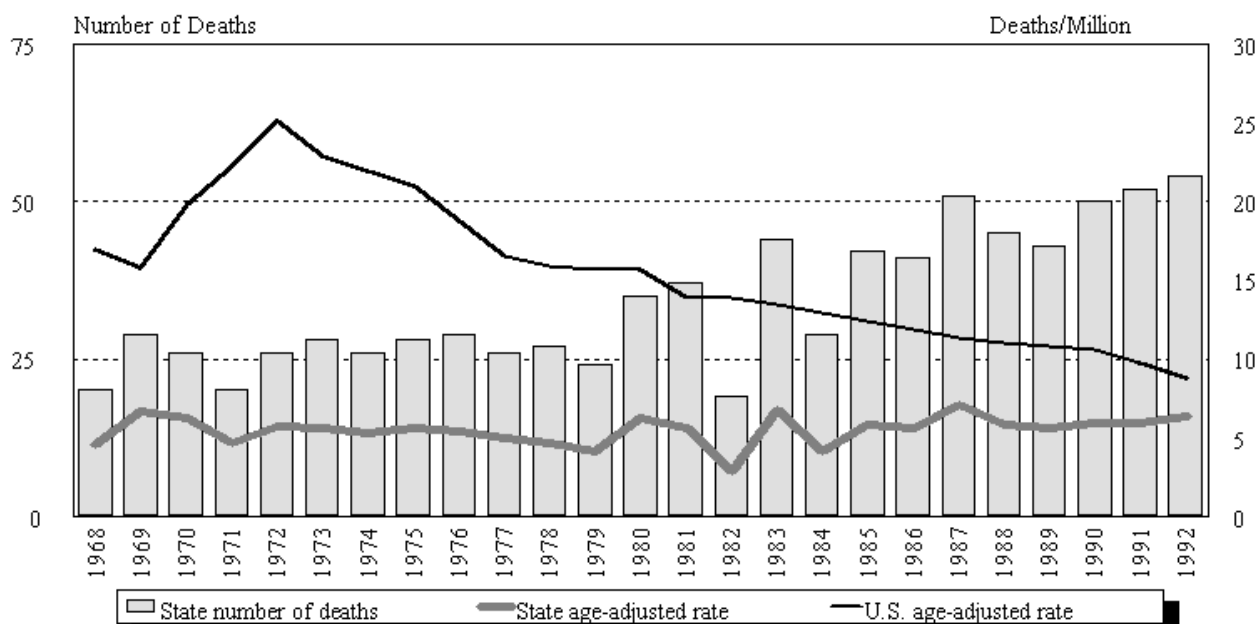
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure NC-1. All pneumoconioses: North Carolina and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## North Carolina

**Table NC-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, North Carolina residents age 15 and over, 1968-1992**

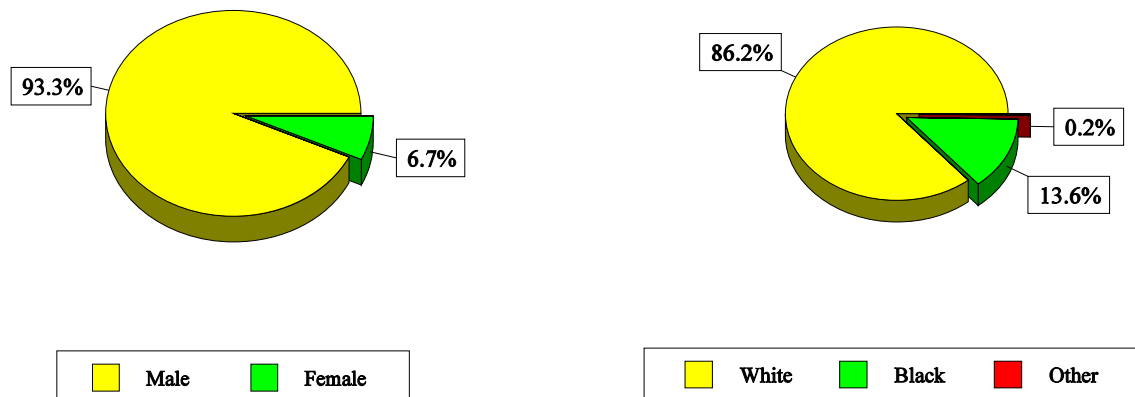
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	2	0.48	2	0.38	13	3.02			3	0.72	20	4.60
1969	4	1.00	3	0.63	19	4.37			4	0.96	29	6.72
1970	5	1.31	3	0.76	18	4.26			2	0.44	26	6.26
1971	1	0.24	1	0.23	15	3.44			3	0.73	20	4.64
1972	-	-	-	-	24	5.32			2	0.36	26	5.68
1973	3	0.67	4	0.83	11	2.07			10	2.10	28	5.66
1974	3	0.75	2	0.44	13	2.65			8	1.49	26	5.32
1975	1	0.22	4	0.87	13	2.57			11	2.19	28	5.64
1976	2	0.35	4	0.66	16	3.04			7	1.32	29	5.36
1977	1	0.26	3	0.45	11	2.00			11	2.32	26	5.03
1978	2	0.35	4	0.65	11	1.93			10	1.72	27	4.65
1979	4	0.71	2	0.34	11	1.80	3	0.57	4	0.74	24	4.17
1980	8	1.47	12	1.97	8	1.48	3	0.47	5	0.97	35	6.20
1981	4	0.53	9	1.45	9	1.45	7	1.10	9	1.31	37	5.65
1982	6	0.90	8	1.14	4	0.70	-	-	1	0.07	19	2.81
1983	9	1.36	15	2.22	11	1.67	7	1.29	2	0.19	44	6.73
1984	10	1.43	4	0.60	11	1.58	4	0.53	-	-	29	4.15
1985	15	2.23	7	0.86	12	1.57	7	1.10	1	0.11	42	5.87
1986	13	1.92	10	1.13	9	0.98	7	1.31	2	0.24	41	5.57
1987	17	2.57	12	1.37	12	1.71	9	1.28	1	0.14	51	7.07
1988	12	1.59	6	0.81	9	1.01	10	1.31	8	1.13	45	5.86
1989	17	2.29	11	1.29	7	0.97	4	0.59	4	0.51	43	5.65
1990	25	3.04	12	1.28	5	0.60	5	0.59	4	0.54	50	5.92
1991	21	2.54	13	1.31	14	1.64	2	0.14	2	0.26	52	5.90
1992	25	3.06	10	0.93	8	0.88	8	1.05	4	0.53	54	6.32

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure NC-2. All pneumoconioses: Distribution of deaths by sex and race, North Carolina residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

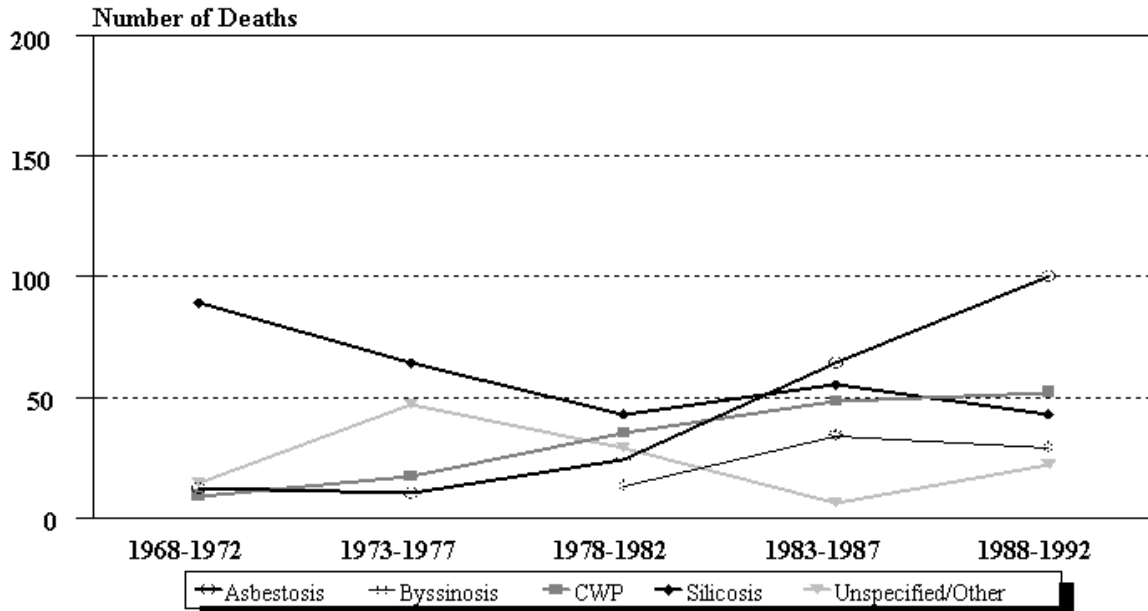
**Table NC-2. All pneumoconioses: Distribution of deaths by sex, race, and age, North Carolina residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		851	100.0	244	100.0
Sex	Male	794	93.3	226	92.6
	Female	57	6.7	18	7.4
Race	White	733	86.2	223	91.4
	Black	116	13.6	20	8.2
	Other	2	0.2	1	0.4
Age	15-24	0	0.0	0	0.0
	25-34	1	0.1	0	0.0
	35-44	7	0.8	3	1.2
	45-54	47	5.5	4	1.6
	55-64	174	20.4	31	12.7
	65-74	341	40.1	101	41.4
	75-84	224	26.3	88	36.1
	85+	57	6.7	17	7.0
Mean age		70.0		72.4	
Range for age		25-95		40-94	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

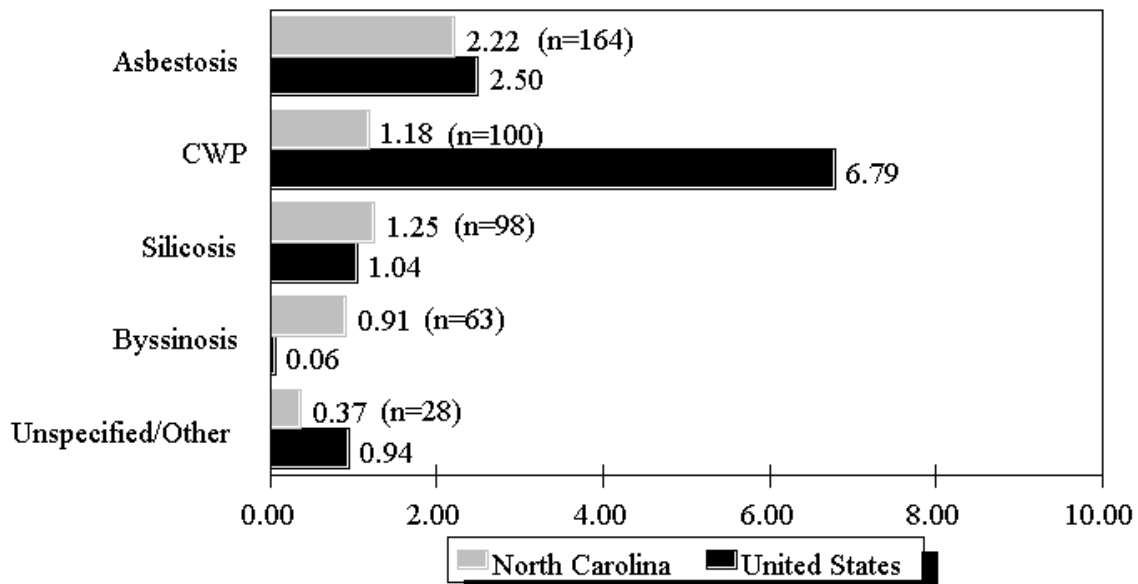
## North Carolina

**Figure NC-3. Pneumoconiosis deaths by condition, North Carolina residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure NC-4. North Carolina and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table NC-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, North Carolina residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Alamance	3	2.16	-	-	-	-	-	-	-	-	3	2.16
Alexander	1	4.09	1	4.09	1	2.36	-	-	-	-	3	10.54
Anson	3	9.59	-	-	-	-	-	-	-	-	3	9.59
Ashe	1	5.98	6	14.21	-	-	-	-	1	1.66	8	21.85
Avery	-	-	3	16.14	5	19.56	-	-	2	9.71	10	45.41
Beaufort	4	7.41	-	-	-	-	-	-	-	-	4	7.41
Bertie	1	2.33	-	-	-	-	-	-	-	-	1	2.33
Bladen	-	-	-	-	-	-	4	13.02	-	-	4	13.02
Brunswick	2	2.94	3	4.81	-	-	-	-	1	1.60	6	9.36
Buncombe	2	0.76	4	1.52	2	1.04	-	-	-	-	8	3.31
Burke	2	1.50	1	0.75	3	2.25	2	2.06	-	-	8	6.56
Cabarrus	4	3.15	-	-	1	0.55	1	1.02	-	-	6	4.73
Caldwell	2	2.93	2	2.93	1	0.87	2	2.33	-	-	7	9.06
Carteret	3	4.44	1	1.09	-	-	-	-	1	1.67	5	7.20
Caswell	-	-	-	-	1	2.42	-	-	-	-	1	2.42
Catawba	2	1.78	2	1.07	1	0.54	1	0.54	-	-	6	3.92
Cherokee	1	1.89	-	-	2	5.78	-	-	-	-	3	7.67
Chowan	1	6.17	1	6.17	-	-	-	-	-	-	2	12.34
Cleveland	1	1.16	-	-	2	1.78	1	1.16	-	-	4	4.09
Columbus	1	1.91	-	-	-	-	-	-	-	-	1	1.91
Craven	1	1.41	-	-	4	5.62	-	-	-	-	5	7.03
Cumberland	1	0.62	2	1.24	3	1.86	2	1.03	1	0.62	8	4.75
Currituck	1	7.16	-	-	-	-	-	-	-	-	1	7.16
Dare	1	4.39	-	-	-	-	-	-	-	-	1	4.39
Davidson	1	0.83	3	1.82	2	1.33	-	-	-	-	6	3.98
Davie	2	6.87	1	3.44	-	-	1	3.44	1	1.88	5	15.63
Duplin	-	-	1	2.33	-	-	-	-	1	1.26	2	3.60
Durham	6	2.82	-	-	-	-	-	-	-	-	6	2.82
Edgecombe	1	1.87	-	-	-	-	-	-	-	-	1	1.87
Forsyth	4	1.23	5	1.25	1	0.21	-	-	2	0.61	12	3.29
Franklin	2	6.90	2	2.81	-	-	1	1.40	-	-	5	11.12

See footnotes at end of table.

## North Carolina

**Table NC-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, North Carolina residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Gaston	4	2.14	-	-	1	0.60	4	2.60	-	-	9	5.34
Graham	1	11.84	-	-	-	-	-	-	-	-	1	11.84
Granville	-	-	-	-	1	3.63	-	-	-	-	1	3.63
Greene	1	6.44	1	6.44	1	3.94	-	-	-	-	3	16.82
Guilford	-	-	6	1.17	2	0.49	8	2.33	1	0.32	17	4.30
Halifax	2	3.40	-	-	-	-	1	1.70	-	-	3	5.11
Harnett	1	1.65	3	4.23	-	-	-	-	1	1.65	5	7.54
Haywood	4	4.94	-	-	-	-	-	-	-	-	4	4.94
Henderson	2	1.54	2	2.62	-	-	-	-	-	-	4	4.16
Hertford	2	10.82	-	-	-	-	-	-	-	-	2	10.82
Hoke	-	-	1	3.62	-	-	2	9.25	1	3.62	4	16.50
Iredell	2	1.65	7	5.05	1	1.07	1	1.07	2	2.14	13	10.99
Jackson	-	-	-	-	1	3.86	-	-	-	-	1	3.86
Johnston	1	1.27	1	0.74	1	1.27	1	1.27	1	0.74	5	5.29
Lee	-	-	2	3.84	-	-	-	-	1	2.38	3	6.22
Lenoir	3	4.23	-	-	1	0.95	-	-	-	-	4	5.18
Lincoln	1	2.18	-	-	-	-	1	1.33	-	-	2	3.52
McDonwell	-	-	-	-	3	5.31	-	-	-	-	3	5.31
Macon	1	1.31	-	-	3	5.54	-	-	1	2.91	5	9.77
Madison	1	5.17	-	-	-	-	-	-	-	-	1	5.17
Martin	1	3.61	-	-	-	-	-	-	-	-	1	3.61
Mecklenberg	22	4.71	1	0.16	2	0.42	2	0.43	2	0.42	29	6.14
Mitchell	-	-	1	2.54	17	76.64	-	-	2	15.08	20	94.25
Montgomery	-	-	1	2.21	-	-	-	-	-	-	1	2.21
Moore	1	1.25	1	0.69	-	-	-	-	-	-	2	1.94
Nash	-	-	-	-	3	3.99	-	-	-	-	3	3.99
New Hanover	15	11.63	2	1.38	1	0.51	-	-	-	-	18	13.52
Onslow	-	-	1	1.63	-	-	-	-	1	1.29	2	2.92
Orange	1	0.88	1	0.88	-	-	3	4.26	1	0.88	6	6.91
Pasquotank	1	3.30	-	-	-	-	1	3.30	-	-	2	6.60
Perquimans	1	7.41	-	-	-	-	-	-	-	-	1	7.41
Person	-	-	1	1.64	-	-	-	-	-	-	1	1.64

See footnotes at end of table.

**Table NC-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, North Carolina residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Pitt	1	1.52	-	-	1	1.23	-	-	-	-	2	2.75
Randolph	1	1.00	5	4.59	-	-	1	1.00	-	-	7	6.59
Richmond	3	6.20	3	5.31	-	-	8	16.86	-	-	13	26.31
Rockingham	2	1.16	2	1.67	-	-	2	2.18	1	1.09	7	6.10
Rowan	8	5.40	3	2.08	2	0.83	5	4.15	-	-	18	12.45
Rutherford	2	3.17	-	-	-	-	1	1.59	-	-	3	4.76
Sampson	2	3.01	-	-	1	2.99	-	-	-	-	3	6.00
Scotland	1	3.46	-	-	-	-	3	7.52	-	-	4	10.98
Stanly	2	2.75	1	1.79	-	-	2	3.57	-	-	5	8.10
Stokes	1	3.06	2	4.66	1	1.60	-	-	-	-	4	9.32
Surry	1	0.74	4	5.18	7	7.41	-	-	-	-	12	13.33
Swain	-	-	-	-	1	3.67	-	-	-	-	1	3.67
Tyrrell	1	21.33	-	-	-	-	-	-	-	-	1	21.33
Union	8	10.89	2	2.43	-	-	2	2.43	-	-	12	15.76
Vance	-	-	-	-	2	5.21	-	-	-	-	2	5.21
Wake	7	2.03	3	0.97	3	0.83	-	-	-	-	13	3.83
Watauga	-	-	1	1.76	-	-	-	-	-	-	1	1.76
Wayne	2	2.23	2	1.84	1	1.12	-	-	1	1.12	6	6.30
Wilkes	-	-	-	-	-	-	-	-	2	2.58	2	2.58
Wilson	-	-	-	-	4	6.73	-	-	-	-	4	6.73
Yadkin	-	-	2	3.02	-	-	-	-	-	-	2	3.02
Yancey	-	-	-	-	8	37.71	-	-	-	-	8	37.71

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



North Dakota: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	8	48
Crude mortality rate (per 1,000,000 population)	3.27	49
Age-adjusted mortality rate (per 1,000,000 population)	2.33	47
Total years of potential life lost to life expectancy	155	48
Years of potential life lost to life expectancy (per death)	19.4	2

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	4	50.0
Coal workers' pneumoconiosis	2	25.0
Silicosis	1	12.5
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	1	12.5

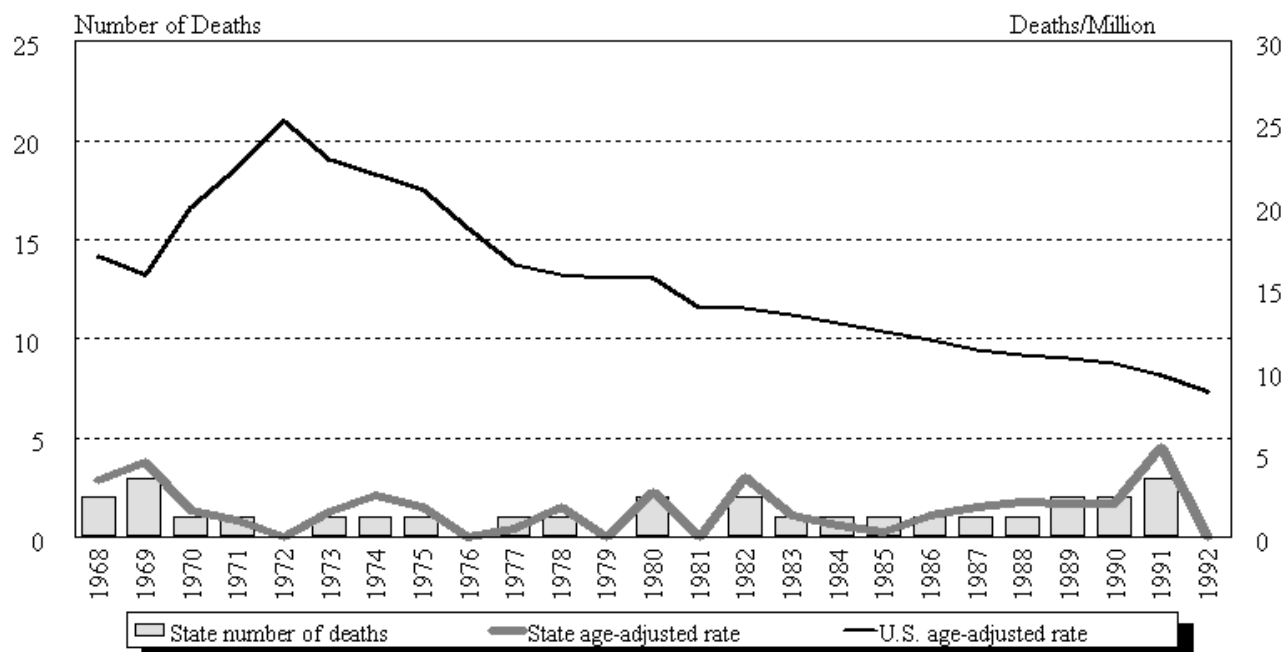
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure ND-1. All pneumoconioses: North Dakota and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## North Dakota

**Table ND-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, North Dakota residents age 15 and over, 1968-1992**

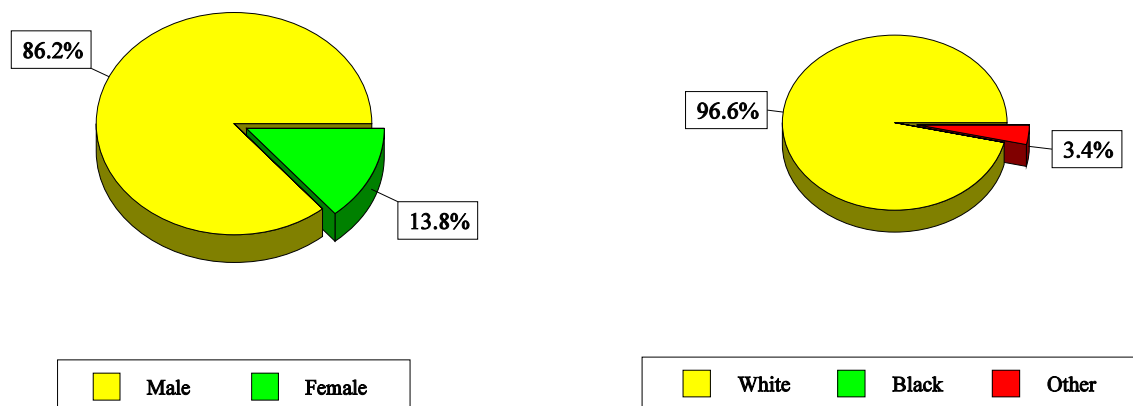
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	1	1.83			2	3.48	2	3.48
1969	-	-	1	1.07	2	3.48			-	-	3	4.55
1970	-	-	-	-	-	-			1	1.64	1	1.64
1971	-	-	-	-	-	-			1	1.06	1	1.06
1972	-	-	-	-	-	-			-	-	-	-
1973	-	-	-	-	-	-			1	1.54	1	1.54
1974	-	-	-	-	-	-			1	2.51	1	2.51
1975	-	-	-	-	1	1.84			-	-	1	1.84
1976	-	-	-	-	-	-			-	-	-	-
1977	-	-	-	-	1	0.50			-	-	1	0.50
1978	-	-	-	-	-	-			1	1.85	1	1.85
1979	-	-	-	-	-	-	-	-	-	-	-	-
1980	2	2.79	-	-	-	-	-	-	-	-	2	2.79
1981	-	-	-	-	-	-	-	-	-	-	-	-
1982	2	3.62	-	-	-	-	-	-	-	-	2	3.62
1983	1	1.31	-	-	-	-	-	-	-	-	1	1.31
1984	-	-	-	-	1	0.78	-	-	-	-	1	0.78
1985	-	-	-	-	1	0.36	-	-	-	-	1	0.36
1986	-	-	1	1.31	-	-	-	-	-	-	1	1.31
1987	-	-	1	1.87	-	-	-	-	-	-	1	1.87
1988	-	-	-	-	1	2.13	-	-	-	-	1	2.13
1989	1	1.34	1	0.72	-	-	-	-	-	-	2	2.06
1990	-	-	1	0.71	-	-	-	-	1	1.36	2	2.07
1991	3	5.43	-	-	-	-	-	-	-	-	3	5.43
1992	-	-	-	-	-	-	-	-	-	-	-	-

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure ND-2. All pneumoconioses: Distribution of deaths by sex and race, North Dakota residents age 15 and over, 1968-1992**



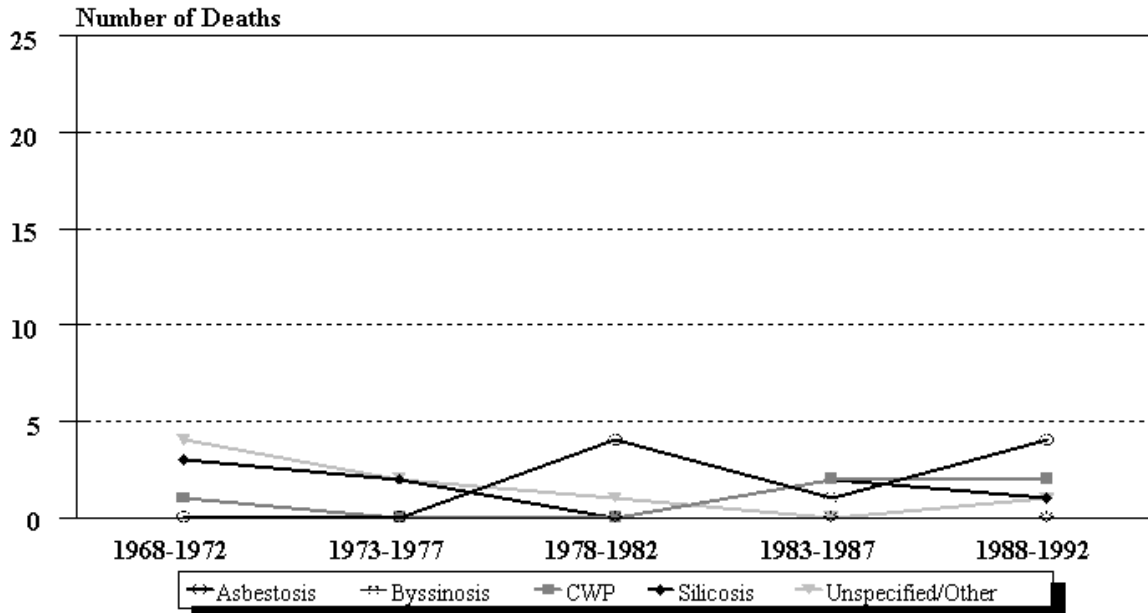
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table ND-2. All pneumoconioses: Distribution of deaths by sex, race, and age, North Dakota residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		29	100.0	8	100.0
Sex	Male	25	86.2	8	100.0
	Female	4	13.8	0	0.0
Race	White	28	96.6	8	100.0
	Black	0	0.0	0	0.0
	Other	1	3.4	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	2	6.9	2	25.0
	45-54	1	3.4	0	0.0
	55-64	9	31.0	1	12.5
	65-74	9	31.0	3	37.5
	75-84	6	20.7	2	25.0
	85+	2	6.9	0	0.0
	Mean age	66.9		64.3	
Range for age	38-85		38-82		

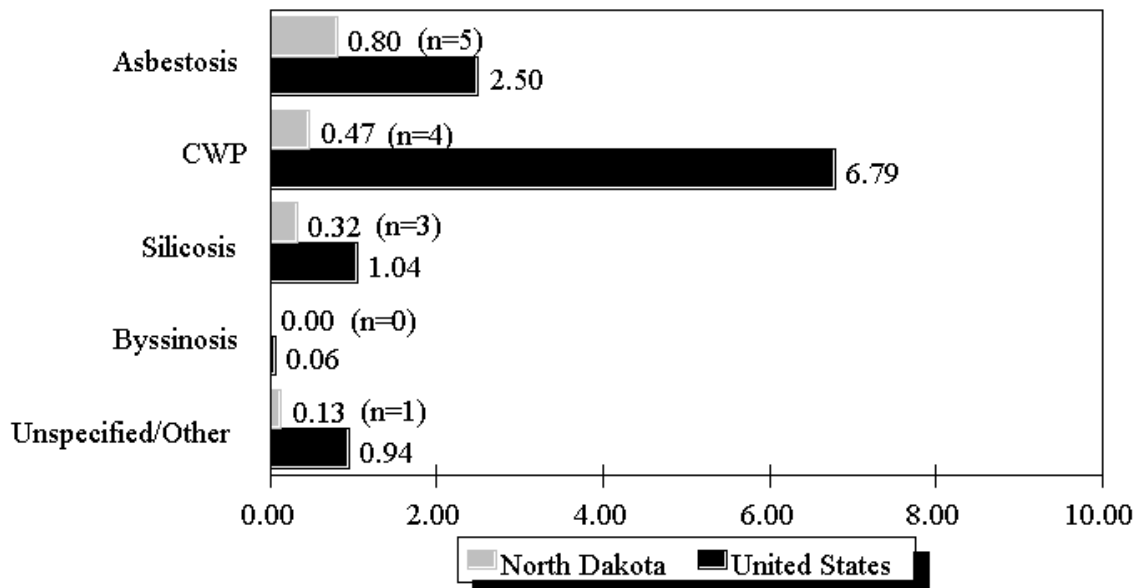
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure ND-3. Pneumoconiosis deaths by condition, North Dakota residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure ND-4. North Dakota and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table ND-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, North Dakota residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Bottineau	1	9.98	-	-	-	-	-	-	-	-	1	9.98
Burleigh	-	-	1	2.08	-	-	-	-	-	-	1	2.08
Cass	2	2.89	-	-	1	1.51	-	-	-	-	3	4.41
Emmons	-	-	-	-	1	5.78	-	-	-	-	1	5.78
Grand Forks	-	-	1	2.33	-	-	-	-	-	-	1	2.33
Griggs	-	-	-	-	-	-	-	-	1	20.59	1	20.59
La Moure	1	12.96	-	-	-	-	-	-	-	-	1	12.96
McHenry	-	-	1	4.09	-	-	-	-	-	-	1	4.09
Morton	1	4.30	-	-	-	-	-	-	-	-	1	4.30
Stutsman	-	-	-	-	1	1.63	-	-	-	-	1	1.63
Traill	-	-	1	2.85	-	-	-	-	-	-	1	2.85

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



## Ohio: Selected statistics from the United States section

<b>All pneumoconioses mortality, 1988-1992</b>		<b>Value</b>	<b>State rank</b>
<b>Total deaths</b>		<b>840</b>	<b>5</b>
<b>Crude mortality rate (per 1,000,000 population)</b>		<b>19.77</b>	<b>8</b>
<b>Age-adjusted mortality rate (per 1,000,000 population)</b>		<b>10.96</b>	<b>9</b>
<b>Total years of potential life lost to life expectancy</b>		<b>9,882</b>	<b>5</b>
<b>Years of potential life lost to life expectancy (per death)</b>		<b>11.8</b>	<b>31</b>

<b>Deaths by type of pneumoconiosis, 1988-1992</b>		<b>Deaths*</b>	<b>Percent** distribution</b>
<b>Asbestosis</b>		<b>118</b>	<b>14.0</b>
<b>Coal workers' pneumoconiosis</b>		<b>428</b>	<b>51.0</b>
<b>Silicosis</b>		<b>153</b>	<b>18.2</b>
<b>Byssinosis</b>		<b>3</b>	<b>0.4</b>
<b>Unspecified/Other pneumoconiosis</b>		<b>145</b>	<b>17.3</b>

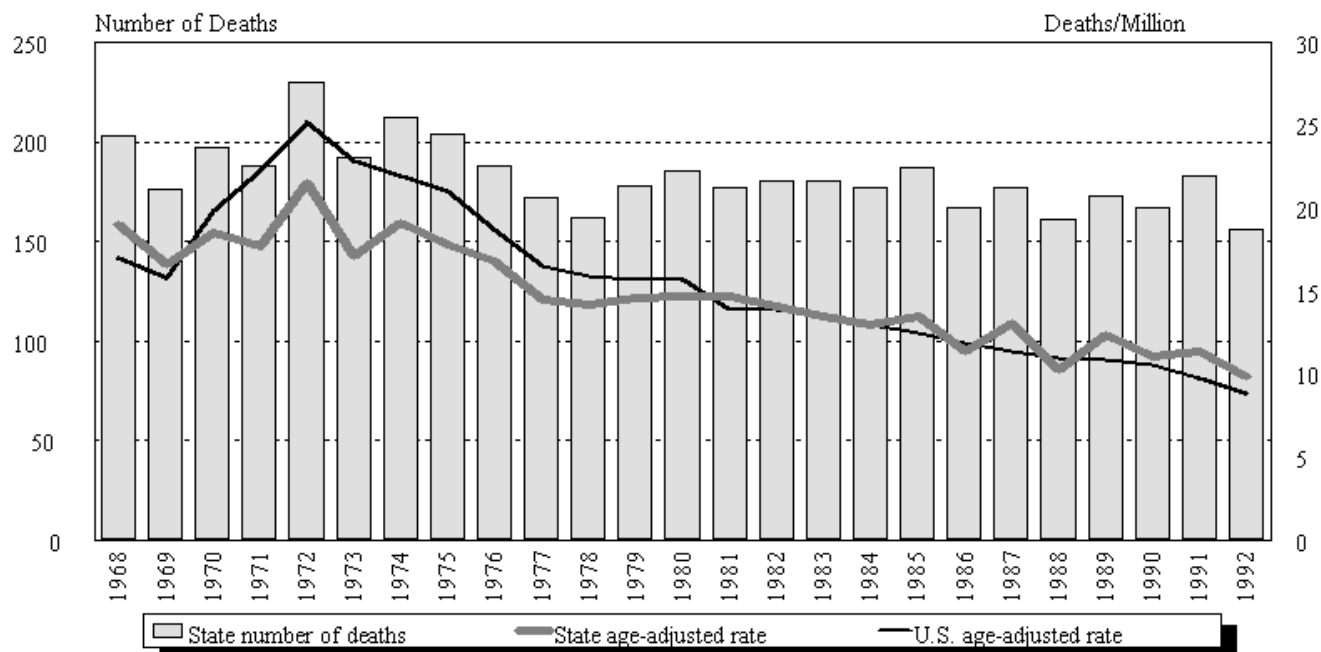
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure OH-1. All pneumoconioses: Ohio and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

# Ohio

**Table OH-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Ohio residents age 15 and over, 1968-1992**

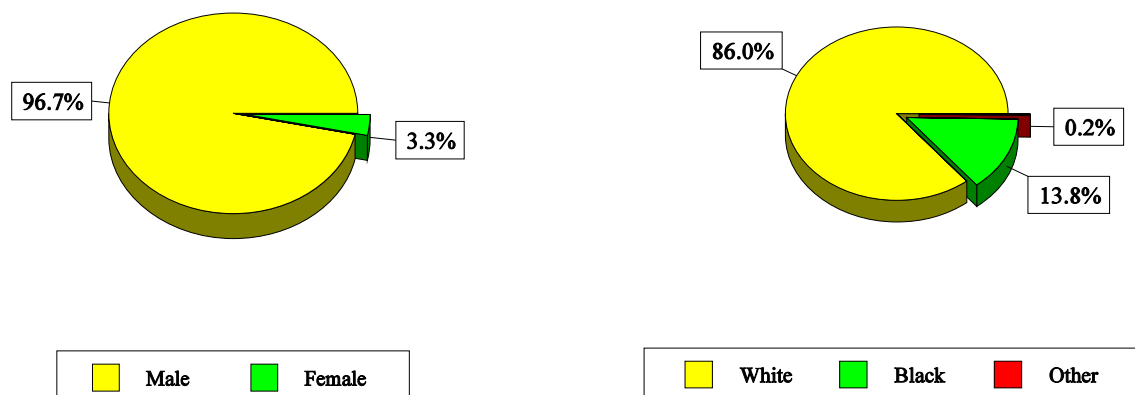
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	2	0.23	24	2.26	143	13.44			39	3.63	203	19.06
1969	-	-	16	1.52	124	11.69			39	3.65	176	16.60
1970	5	0.62	28	2.52	132	12.36			33	3.12	197	18.54
1971	3	0.32	30	2.91	103	9.79			54	4.93	188	17.74
1972	6	0.64	28	2.46	126	12.25			70	6.17	230	21.53
1973	1	0.11	35	3.43	83	7.11			78	6.91	192	17.15
1974	1	0.10	48	4.52	86	7.81			82	7.15	212	19.08
1975	3	0.33	56	5.08	66	5.72			80	6.74	204	17.78
1976	1	0.11	50	4.82	62	5.48			77	6.66	188	16.83
1977	4	0.36	61	5.26	54	4.63			56	4.49	172	14.53
1978	6	0.61	41	3.55	57	5.13			64	5.43	162	14.19
1979	7	0.68	68	5.66	52	4.22	1	0.09	50	3.93	178	14.59
1980	9	0.82	92	7.34	42	3.35	-	-	46	3.58	185	14.74
1981	8	0.74	105	8.87	38	3.15	-	-	30	2.34	177	14.74
1982	10	1.10	86	6.26	50	3.98	-	-	34	2.71	180	14.04
1983	9	0.87	105	7.53	32	2.64	-	-	36	2.60	180	13.52
1984	10	0.82	93	6.83	47	3.65	-	-	28	1.81	177	13.01
1985	17	1.50	105	7.29	31	2.35	-	-	36	2.54	187	13.51
1986	14	1.24	92	6.11	41	2.72	-	-	22	1.48	167	11.40
1987	21	1.97	91	6.08	29	2.59	-	-	36	2.41	177	13.06
1988	12	0.98	102	5.91	26	1.89	2	0.13	20	1.37	161	10.23
1989	23	1.93	90	6.30	35	2.37	-	-	27	1.90	173	12.37
1990	27	2.12	79	4.82	33	2.20	1	0.11	29	1.93	167	11.04
1991	24	1.91	83	4.91	35	2.11	-	-	42	2.55	183	11.40
1992	32	2.48	74	3.89	24	1.80	-	-	27	1.79	156	9.86

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure OH-2. All pneumoconioses: Distribution of deaths by sex and race, Ohio residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
SOURCE: National Center for Health Statistics multiple cause of death data.

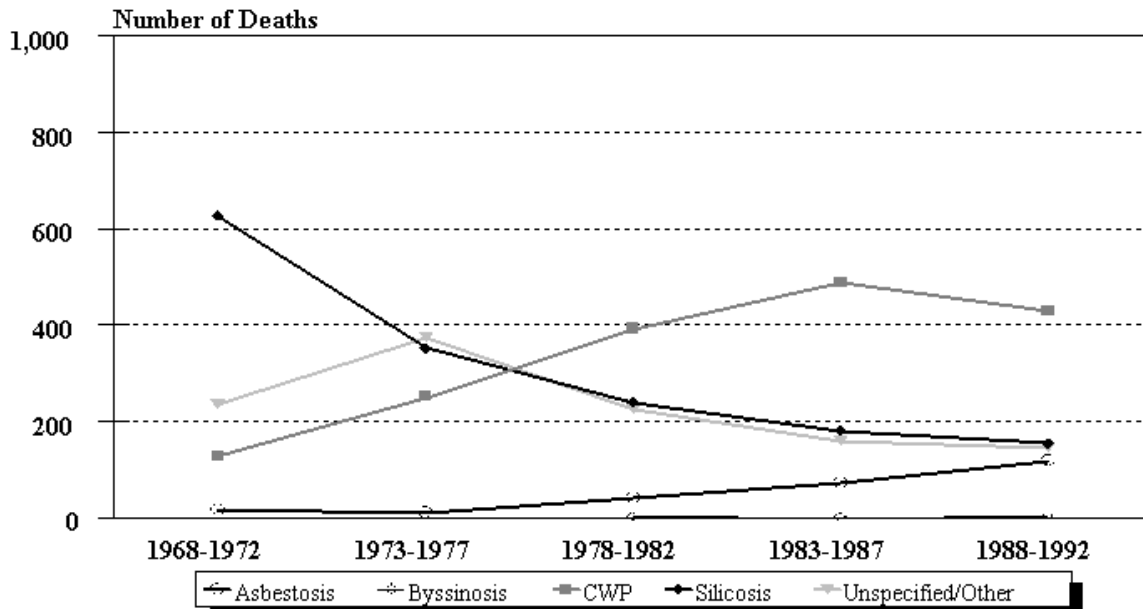
**Table OH-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Ohio residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		4,572	100.0	840	100.0
Sex	Male	4,422	96.7	815	97.0
	Female	150	3.3	25	3.0
Race	White	3,933	86.0	743	88.5
	Black	629	13.8	93	11.1
	Other	10	0.2	4	0.5
Age	15-24	3	0.1	0	0.0
	25-34	4	0.1	2	0.2
	35-44	17	0.4	2	0.2
	45-54	164	3.6	14	1.7
	55-64	763	16.7	90	10.7
	65-74	1,679	36.7	293	34.9
	75-84	1,429	31.3	309	36.8
	85+	513	11.2	130	15.5
Mean age		72.3		74.9	
Range for age		16-101		31-99	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

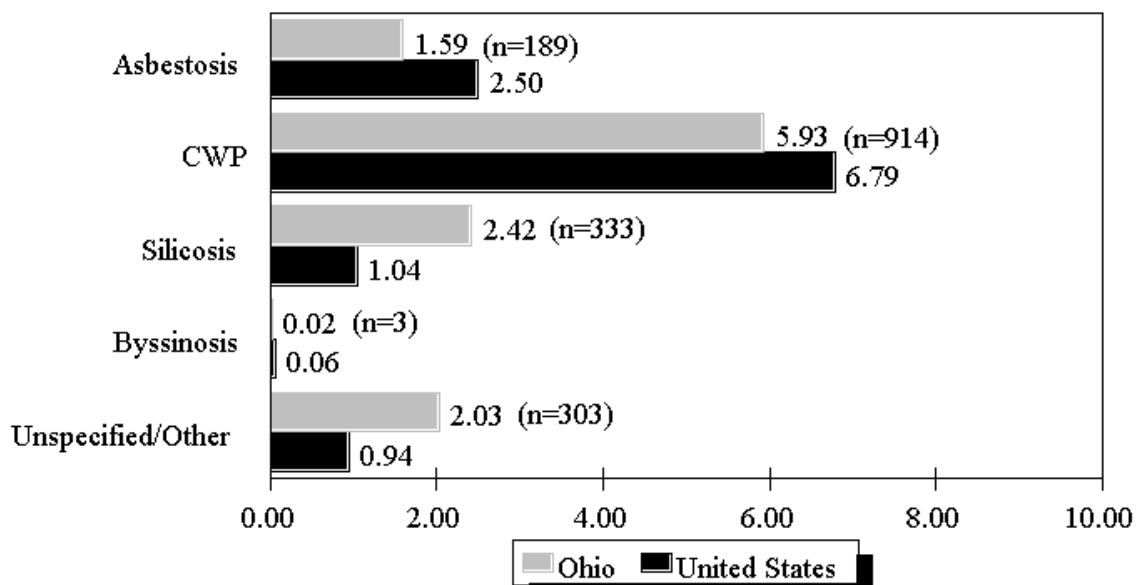
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OH-3. Pneumoconiosis deaths by condition, Ohio residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OH-4. Ohio and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table OH-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Ohio residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Adams	-	-	3	7.89	-	-	-	-	2	3.85	5	11.73
Allen	2	1.87	4	2.29	1	0.45	-	-	1	0.94	8	5.55
Ashland	1	2.17	6	8.32	3	5.34	-	-	1	1.00	11	16.83
Ashtabula	6	4.70	6	2.78	1	0.46	-	-	1	0.94	14	8.89
Athens	-	-	27	45.81	-	-	-	-	8	11.27	35	57.08
Avglaze	-	-	6	7.76	3	7.09	-	-	-	-	9	14.84
Belmont	2	1.00	64	44.17	1	0.50	-	-	25	20.94	91	66.11
Brown	1	3.08	1	1.43	-	-	-	-	-	-	2	4.51
Butler	4	1.49	22	7.03	13	4.34	-	-	3	0.89	40	12.92
Carroll	1	3.69	6	15.31	2	7.38	-	-	-	-	9	26.39
Champaign	-	-	4	10.52	1	1.44	-	-	-	-	5	11.95
Clark	-	-	7	2.65	4	2.68	-	-	2	1.35	13	6.67
Clermont	2	1.51	2	1.51	-	-	-	-	4	2.66	8	5.67
Clinton	-	-	4	10.52	-	-	-	-	-	-	4	10.52
Columbiana	3	2.98	17	10.27	24	14.63	-	-	10	5.60	52	32.21
Coshocton	-	-	12	25.09	4	10.62	-	-	1	1.31	17	37.01
Crawford	-	-	4	5.88	1	0.93	-	-	4	6.96	9	13.78
Cuyahoga	17	0.98	75	3.19	57	2.59	-	-	39	1.76	187	8.45
Darke	-	-	4	3.18	-	-	-	-	1	0.80	5	3.98
Defiance	1	1.47	1	1.47	-	-	-	-	2	5.83	4	8.76
Delaware	2	4.01	3	4.26	2	4.01	-	-	1	1.13	8	13.40
Erie	2	1.94	5	4.59	4	4.42	-	-	-	-	10	9.71
Fairfield	1	1.13	4	2.86	2	1.71	-	-	-	-	7	5.70
Franklin	10	1.20	61	6.68	18	1.85	-	-	19	1.80	108	11.53
Fulton	-	-	-	-	-	-	-	-	1	1.31	1	1.31
Gallia	3	10.11	4	10.04	2	3.30	-	-	6	13.34	15	36.79
Geauga	1	1.43	4	4.69	2	2.86	-	-	2	2.35	9	11.33
Greene	4	3.33	13	9.71	-	-	-	-	3	2.35	20	15.40
Guernsey	-	-	14	24.32	2	3.47	-	-	8	11.29	24	39.08
Hamilton	22	2.22	51	4.40	20	1.68	-	-	12	0.85	104	9.10
Hancock	-	-	-	-	2	2.41	-	-	1	0.76	3	3.17

See footnotes at end of table.

# Ohio

**Table OH-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Ohio residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Hardin	-	-	2	4.89	1	3.41	-	-	-	-	3	8.30
Harrison	-	-	10	49.86	-	-	-	-	3	12.69	13	62.55
Henry	1	1.55	1	3.57	-	-	-	-	1	3.57	3	8.70
Highland	-	-	2	3.88	-	-	-	-	1	2.66	3	6.54
Hocking	1	5.55	3	9.82	1	1.97	-	-	1	1.97	6	19.32
Holmes	-	-	2	7.08	1	1.76	-	-	-	-	3	8.84
Huron	-	-	2	2.02	2	2.02	-	-	1	1.01	5	5.06
Jackson	1	3.17	10	21.82	8	23.73	-	-	10	25.12	28	70.68
Jefferson	3	3.19	29	21.66	3	3.63	-	-	9	6.87	44	35.35
Knox	1	2.04	1	0.94	7	13.16	-	-	-	-	9	16.14
Lake	1	0.31	11	4.07	4	1.88	-	-	3	1.44	19	7.70
Lawrence	3	4.67	10	12.08	1	0.86	-	-	10	14.17	24	31.78
Licking	-	-	2	0.90	2	1.30	-	-	1	0.45	5	2.65
Logan	-	-	-	-	1	2.28	-	-	-	-	1	2.28
Lorain	6	2.38	14	4.50	8	3.36	1	0.41	11	3.90	40	14.56
Lucas	14	2.94	14	2.59	9	2.11	-	-	5	1.02	42	8.65
Madison	-	-	3	7.19	-	-	-	-	-	-	3	7.19
Mahoning	6	1.68	15	3.00	6	1.11	-	-	6	1.26	33	7.05
Marion	-	-	4	4.14	8	9.60	-	-	2	3.00	14	16.74
Medina	-	-	17	13.65	2	1.23	-	-	4	3.83	22	18.09
Meigs	-	-	10	31.72	1	4.01	-	-	12	31.37	23	67.10
Mercer	-	-	1	2.63	-	-	-	-	-	-	1	2.63
Miami	1	0.59	2	1.72	1	0.59	-	-	1	1.13	4	3.44
Monroe	-	-	1	2.50	-	-	-	-	1	5.80	2	8.30
Montgomery	8	1.35	51	6.52	14	2.09	-	-	8	1.20	81	11.16
Morgan	-	-	5	14.67	2	5.87	-	-	-	-	7	20.53
Morrow	-	-	6	19.11	1	4.17	-	-	1	4.17	8	27.46
Muskingum	1	1.21	29	27.87	14	9.83	-	-	3	2.34	47	41.24
Noble	-	-	1	3.42	1	8.22	-	-	2	6.85	4	18.49
Ottawa	-	-	1	1.20	-	-	-	-	1	2.16	2	3.35
Paulding	-	-	4	20.80	-	-	-	-	-	-	4	20.80
Perry	-	-	38	97.51	8	17.80	-	-	1	3.34	47	118.65

See footnotes at end of table.



**Table OH-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Ohio residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Pickaway	5	12.47	7	13.56	3	7.75	-	-	1	2.49	16	36.27
Pike	1	6.25	4	14.63	-	-	-	-	1	4.25	6	25.12
Portage	4	3.76	13	9.05	-	-	-	-	3	2.04	20	14.84
Preble	-	-	4	9.22	-	-	-	-	-	-	4	9.22
Putnam	-	-	1	3.42	1	3.42	-	-	-	-	2	6.84
Richland	-	-	11	7.18	3	2.30	-	-	2	0.86	16	10.34
Ross	1	1.51	1	0.80	-	-	-	-	-	-	2	2.32
Sandusky	1	1.66	3	3.27	-	-	-	-	-	-	4	4.92
Scioto	1	1.16	4	4.02	7	5.60	-	-	2	2.37	14	13.16
Seneca	-	-	1	1.73	2	3.45	-	-	-	-	3	5.18
Shelby	-	-	6	10.22	1	2.57	-	-	1	1.27	8	14.05
Stark	4	1.03	14	2.73	20	4.14	-	-	6	1.17	44	9.06
Summit	26	4.08	32	4.16	8	1.50	-	-	8	1.15	73	10.70
Trumbull	2	0.79	20	6.25	6	2.04	2	0.63	6	1.55	34	10.63
Tuscarawas	-	-	33	26.63	1	1.11	-	-	7	6.00	41	33.74
Union	1	4.37	3	7.41	-	-	-	-	-	-	4	11.78
Van Wert	-	-	1	3.21	-	-	-	-	-	-	1	3.21
Vinton	2	17.78	1	4.22	-	-	-	-	2	17.78	5	39.78
Warren	2	1.87	4	3.29	2	2.33	-	-	5	5.83	13	13.32
Washington	1	1.59	4	3.87	1	0.76	-	-	-	-	6	6.22
Wayne	1	1.15	7	6.02	1	1.15	-	-	3	2.87	12	11.19
Williams	2	4.12	-	-	-	-	-	-	-	-	2	4.12
Wood	3	3.14	4	4.62	1	0.59	-	-	1	0.59	9	8.94
Wyandot	-	-	1	4.35	1	6.62	-	-	-	-	2	10.97

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Oklahoma: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	73	32
Crude mortality rate (per 1,000,000 population)	5.98	35
Age-adjusted mortality rate (per 1,000,000 population)	3.00	42
Total years of potential life lost to life expectancy	839	33
Years of potential life lost to life expectancy (per death)	11.5	35

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	30	41.1
Coal workers' pneumoconiosis	17	23.3
Silicosis	14	19.2
Byssinosis	1	1.4
Unspecified/Other pneumoconiosis	11	15.1

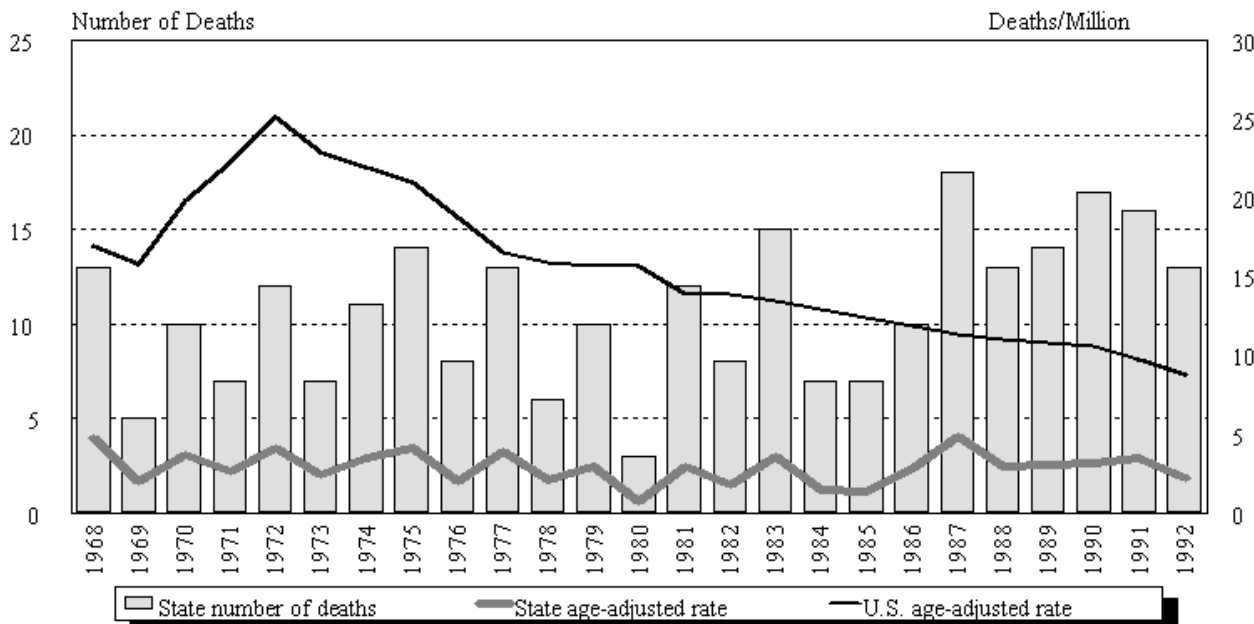
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure OK-1. All pneumoconioses: Oklahoma and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Oklahoma

**Table OK-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Oklahoma residents age 15 and over, 1968-1992**

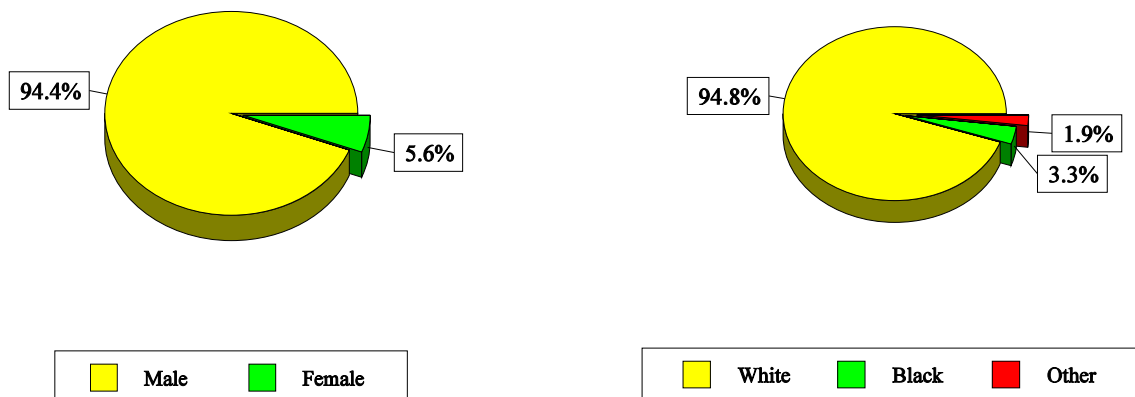
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	10	3.59			3	1.19	13	4.78
1969	-	-	-	-	4	1.61			1	0.42	5	2.03
1970	-	-	-	-	7	2.77			3	0.95	10	3.72
1971	-	-	1	0.24	5	1.97			2	0.84	7	2.63
1972	-	-	4	1.31	6	2.14			4	1.50	12	4.11
1973	-	-	1	0.14	2	0.91			4	1.42	7	2.46
1974	-	-	1	0.13	8	2.77			3	0.77	11	3.45
1975	1	0.31	3	0.97	5	1.20			5	1.60	14	4.09
1976	-	-	2	0.34	1	0.30			5	1.39	8	2.04
1977	-	-	4	1.21	3	1.04			7	2.01	13	3.96
1978	2	0.82	3	0.79	-	-			1	0.53	6	2.15
1979	1	0.39	3	0.97	3	0.97	-	-	3	0.60	10	2.92
1980	-	-	2	0.48	1	0.29	-	-	-	-	3	0.77
1981	-	-	10	2.27	-	-	-	-	2	0.74	12	3.01
1982	4	1.38	4	0.38	-	-	-	-	-	-	8	1.77
1983	6	1.73	6	0.96	2	0.69	-	-	1	0.26	15	3.65
1984	-	-	3	0.70	2	0.44	-	-	2	0.34	7	1.47
1985	2	0.61	4	0.61	-	-	-	-	1	0.17	7	1.38
1986	2	0.43	5	1.31	3	1.13	-	-	-	-	10	2.87
1987	5	1.63	8	1.55	4	1.46	-	-	1	0.27	18	4.90
1988	5	1.67	4	0.66	-	-	-	-	4	0.63	13	2.95
1989	8	1.77	3	0.52	1	0.16	-	-	2	0.58	14	3.04
1990	6	1.30	5	0.68	4	0.91	-	-	2	0.24	17	3.13
1991	6	1.21	4	0.90	4	0.86	1	0.16	1	0.39	16	3.53
1992	5	1.13	1	0.08	5	0.81	-	-	2	0.23	13	2.24

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure OK-2. All pneumoconioses: Distribution of deaths by sex and race, Oklahoma residents age 15 and over, 1968-1992**



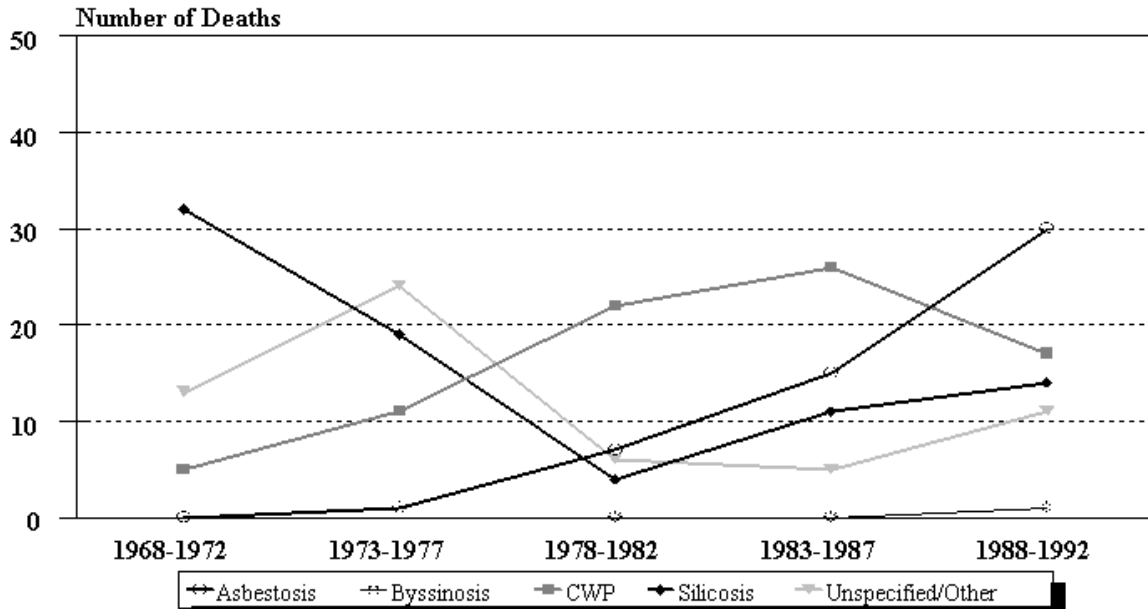
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table OK-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Oklahoma residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		269	100.0	73	100.0
Sex	Male	254	94.4	71	97.3
	Female	15	5.6	2	2.7
Race	White	255	94.8	67	91.8
	Black	9	3.3	4	5.5
	Other	5	1.9	2	2.7
Age	15-24	1	0.4	0	0.0
	25-34	0	0.0	0	0.0
	35-44	4	1.5	2	2.7
	45-54	17	6.3	0	0.0
	55-64	55	20.4	8	11.0
	65-74	74	27.5	19	26.0
	75-84	76	28.3	29	39.7
	85+	42	15.6	15	20.5
Mean age		71.7		76.2	
Range for age		19-101		39-101	

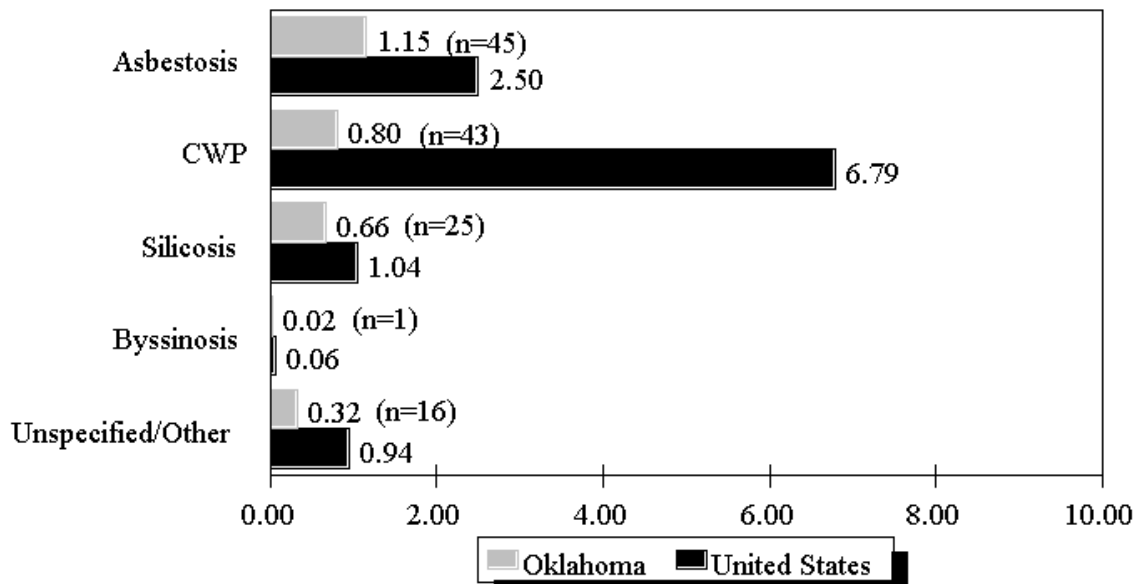
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OK-3. Pneumoconiosis deaths by condition, Oklahoma residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OK-4. Oklahoma and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table OK-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Oklahoma residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Adair	1	5.53	-	-	-	-	-	-	-	-	1	5.53
Bryan	3	6.64	-	-	-	-	-	-	-	-	3	6.64
Canadian	-	-	1	2.01	-	-	-	-	-	-	1	2.01
Carter	1	0.80	-	-	-	-	-	-	-	-	1	0.80
Choctaw	1	2.09	-	-	-	-	-	-	-	-	1	2.09
Cleveland	-	-	2	1.60	1	0.97	-	-	-	-	3	2.57
Creek	3	4.93	-	-	-	-	-	-	-	-	3	4.93
Delaware	-	-	1	1.29	1	1.29	-	-	-	-	2	2.59
Garfield	1	0.65	-	-	-	-	-	-	-	-	1	0.65
Grady	2	4.98	-	-	-	-	-	-	-	-	2	4.98
Grant	-	-	1	3.93	-	-	-	-	-	-	1	3.93
Hughes	1	5.47	-	-	-	-	-	-	-	-	1	5.47
Jackson	1	4.17	-	-	-	-	-	-	-	-	1	4.17
Jefferson	-	-	-	-	2	13.92	-	-	-	-	2	13.92
Kiowa	-	-	-	-	2	8.72	1	2.01	-	-	3	10.73
Latimer	-	-	7	30.10	-	-	-	-	1	3.60	8	33.70
Le Flore	-	-	9	9.61	1	2.26	-	-	1	0.92	11	12.79
Lincoln	1	1.37	-	-	-	-	-	-	-	-	1	1.37
McCurtain	1	2.95	2	4.24	-	-	-	-	-	-	3	7.20
Major	1	3.49	-	-	-	-	-	-	-	-	1	3.49
Marshall	1	14.68	-	-	-	-	-	-	-	-	1	14.68
Mayes	-	-	-	-	1	4.31	-	-	1	4.31	2	8.61
Murray	1	2.46	-	-	1	6.44	-	-	-	-	2	8.91
Muskogee	-	-	-	-	1	1.35	-	-	2	1.92	3	3.27
Noble	1	2.85	-	-	-	-	-	-	-	-	1	2.85
Nowata	-	-	-	-	-	-	-	-	2	5.96	2	5.96
Oklahoma	8	1.25	3	0.60	4	0.69	-	-	1	0.09	16	2.63
Okmulgee	2	4.70	6	6.91	-	-	-	-	-	-	8	11.61
Osage	1	2.32	-	-	-	-	-	-	-	-	1	2.32
Ottawa	1	2.54	-	-	6	11.21	-	-	-	-	7	13.74
Payne	1	0.87	-	-	-	-	-	-	-	-	1	0.87
Pittsburg	1	1.95	3	3.59	-	-	-	-	2	2.77	6	8.31

See footnotes at end of table.

## Oklahoma

**Table OK-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Oklahoma residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Pontotoc	1	2.70	1	1.00	-	-	-	-	-	-	2	3.69
Pushmataha	-	-	-	-	-	-	-	-	1	7.03	1	7.03
Rogers	2	3.50	-	-	-	-	-	-	-	-	2	3.50
Seminole	-	-	1	1.19	-	-	-	-	-	-	1	1.19
Sequoyah	-	-	2	4.45	-	-	-	-	-	-	2	4.45
Stephens	-	-	-	-	-	-	-	-	1	0.79	1	0.79
Texas	-	-	1	5.99	-	-	-	-	-	-	1	5.99
Tillman	-	-	-	-	1	2.59	-	-	-	-	1	2.59
Tulsa	6	0.91	2	0.34	3	0.62	-	-	4	0.62	15	2.49
Wagoner	-	-	1	1.50	-	-	-	-	-	-	1	1.50
Washington	1	0.88	-	-	-	-	-	-	-	-	1	0.88
Washita	1	6.67	-	-	-	-	-	-	-	-	1	6.67
Woodward	-	-	-	-	1	2.35	-	-	-	-	1	2.35

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Oregon: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	126	22
Crude mortality rate (per 1,000,000 population)	11.27	18
Age-adjusted mortality rate (per 1,000,000 population)	5.65	22
Total years of potential life lost to life expectancy	1,400	26
Years of potential life lost to life expectancy (per death)	11.1	43

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	94	74.6
Coal workers' pneumoconiosis	12	9.5
Silicosis	16	12.7
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	5	4.0

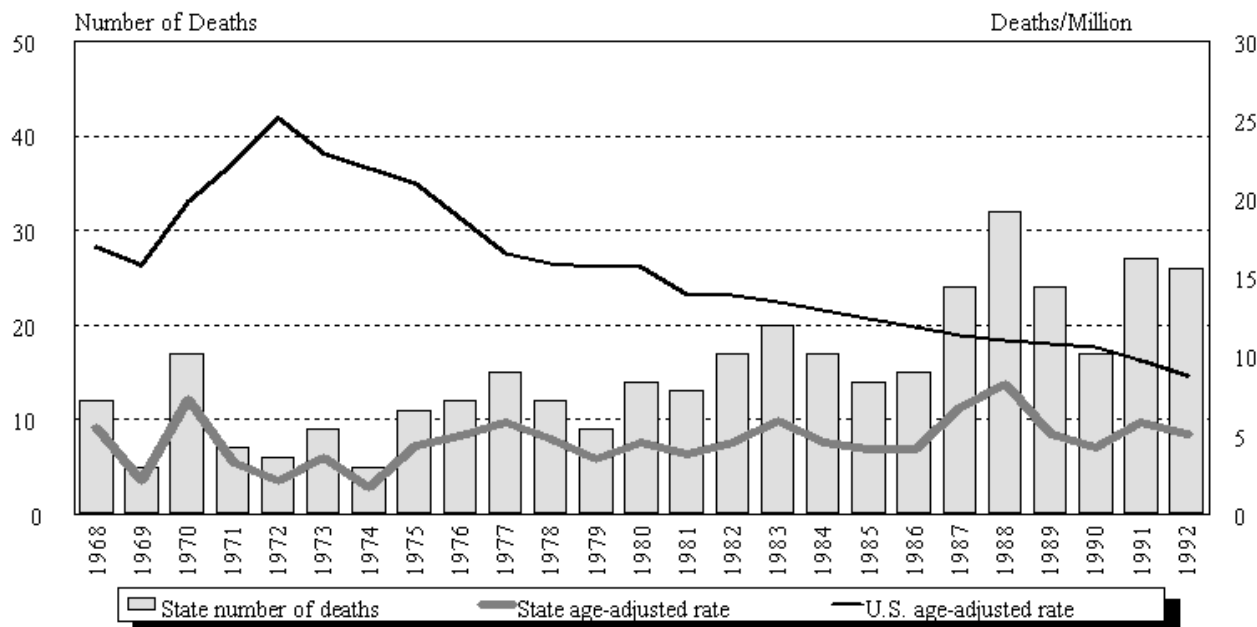
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure OR-1. All pneumoconioses: Oregon and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Oregon

**Table OR-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Oregon residents age 15 and over, 1968-1992**

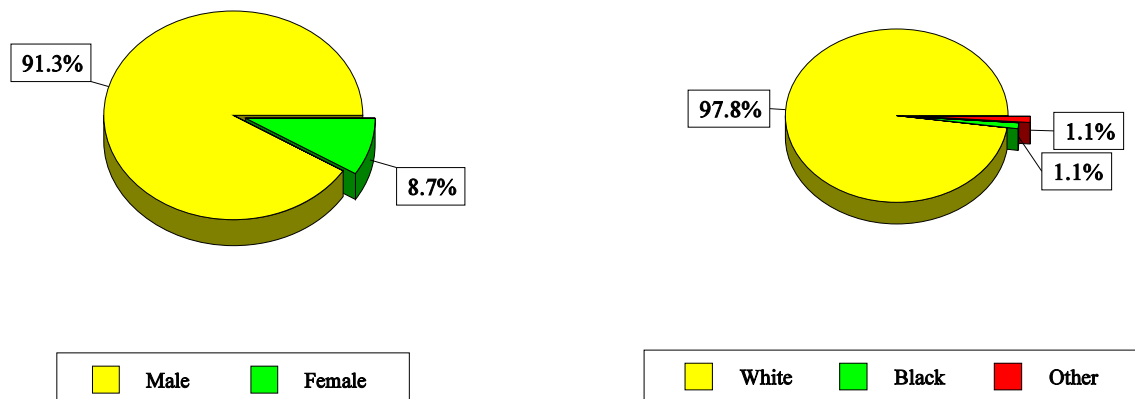
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.64	-	-	8	3.47			3	1.42	12	5.54
1969	-	-	-	-	5	2.10			-	-	5	2.10
1970	2	0.99	-	-	13	5.56			2	0.79	17	7.34
1971	1	0.51	1	0.64	3	1.38			2	0.77	7	3.30
1972	2	0.38	2	0.90	2	0.90			-	-	6	2.17
1973	2	0.73	-	-	5	2.04			2	0.87	9	3.65
1974	1	0.29	1	0.29	3	1.14			-	-	5	1.72
1975	2	0.82	2	0.89	6	2.39			2	0.77	11	4.39
1976	3	1.27	2	0.68	5	2.23			3	1.19	12	4.98
1977	4	1.84	3	1.12	3	1.04			5	1.81	15	5.81
1978	7	2.58	-	-	1	0.37			4	1.86	12	4.81
1979	5	1.86	-	-	3	1.24	-	-	1	0.36	9	3.46
1980	6	1.71	3	1.43	5	1.42	-	-	-	-	14	4.56
1981	9	2.95	1	0.24	3	0.59	-	-	-	-	13	3.78
1982	8	2.60	4	0.81	4	0.93	-	-	1	0.24	17	4.58
1983	13	3.59	3	1.21	3	0.90	-	-	1	0.23	20	5.93
1984	13	3.63	2	0.55	2	0.34	-	-	-	-	17	4.52
1985	10	3.13	-	-	1	0.22	-	-	3	0.81	14	4.16
1986	12	3.65	2	0.32	-	-	-	-	1	0.11	15	4.08
1987	18	4.61	3	0.93	2	1.06	-	-	1	0.20	24	6.81
1988	21	5.76	7	1.49	2	0.39	-	-	2	0.61	32	8.25
1989	17	3.33	2	0.48	5	0.96	-	-	1	0.46	24	5.04
1990	12	3.16	1	0.39	3	0.54	-	-	1	0.18	17	4.26
1991	22	5.09	1	0.17	3	0.44	-	-	1	0.09	27	5.79
1992	22	4.32	1	0.28	3	0.53	-	-	-	-	26	5.13

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure OR-2. All pneumoconioses: Distribution of deaths by sex and race, Oregon residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
SOURCE: National Center for Health Statistics multiple cause of death data.

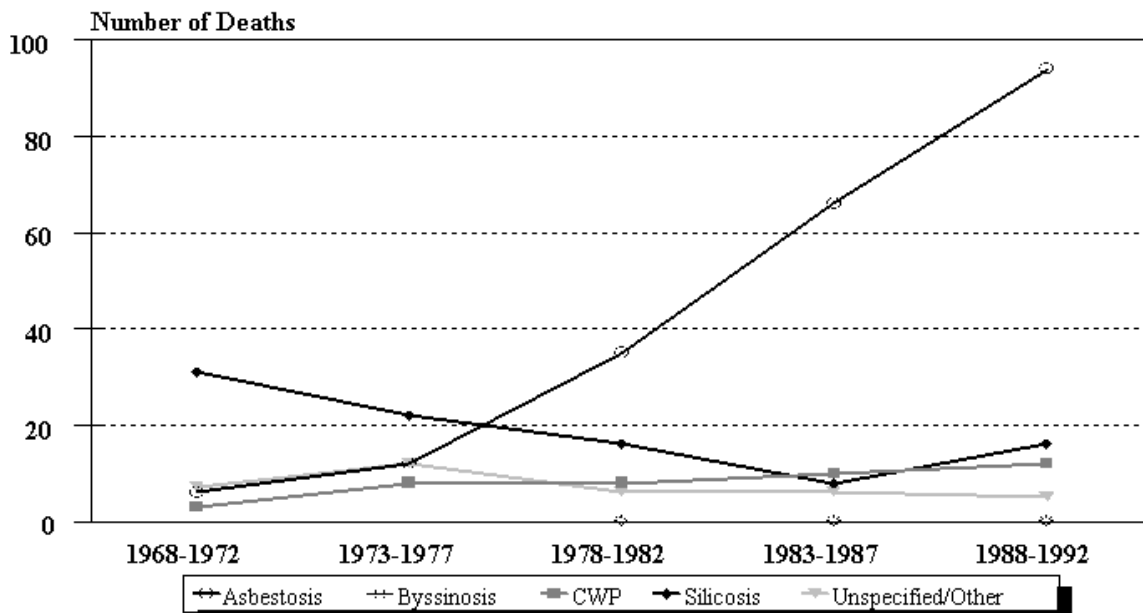
**Table OR-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Oregon residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		380	100.0	126	100.0
Sex	Male	347	91.3	113	89.7
	Female	33	8.7	13	10.3
Race	White	372	97.8	123	97.6
	Black	4	1.1	1	0.8
	Other	4	1.1	2	1.6
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	4	1.1	2	1.6
	45-54	13	3.4	1	0.8
	55-64	46	12.1	10	7.9
	65-74	139	36.6	34	27.0
	75-84	140	36.8	61	48.4
	85+	38	10.0	18	14.3
Mean age		73.1		75.8	
Range for age		35-94		35-92	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

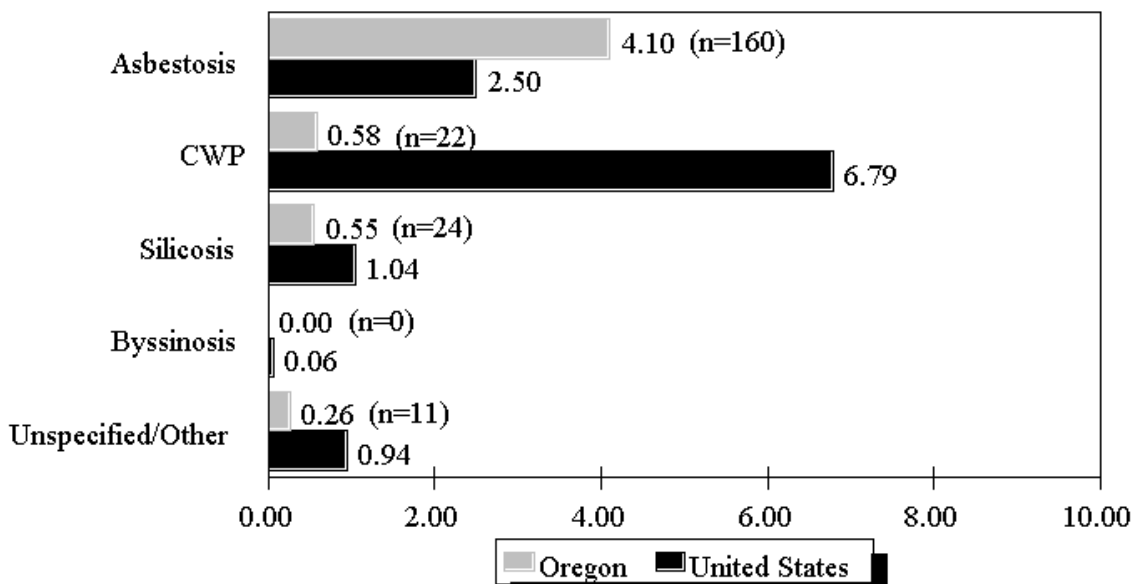
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OR-3. Pneumoconiosis deaths by condition, Oregon residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure OR-4. Oregon and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table OR-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Oregon residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Clackamas	10	2.90	3	1.10	-	-	-	-	2	0.45	15	4.45
Clatsop	1	2.81	2	2.49	1	1.25	-	-	-	-	4	6.55
Columbia	-	-	-	-	-	-	-	-	1	1.52	1	1.52
Coos	2	2.14	3	5.18	1	0.72	-	-	1	1.42	7	9.45
Curry	8	24.03	-	-	-	-	-	-	-	-	8	24.03
Deschutes	5	5.11	1	1.37	1	0.79	-	-	-	-	7	7.27
Douglas	1	0.98	2	1.50	-	-	-	-	1	0.52	4	3.00
Hood River	5	24.45	-	-	-	-	-	-	-	-	5	24.45
Jackson	10	4.10	1	0.65	2	0.96	-	-	-	-	13	5.71
Josephine	6	4.79	1	0.57	-	-	-	-	1	0.57	8	5.94
Klamath	2	3.36	1	0.91	-	-	-	-	-	-	3	4.28
Lake	-	-	1	12.58	-	-	-	-	-	-	1	12.58
Lane	8	2.52	1	0.20	1	0.41	-	-	-	-	10	3.12
Lincoln	2	2.95	1	1.90	1	1.05	-	-	-	-	4	5.89
Linn	8	6.01	1	0.53	-	-	-	-	-	-	9	6.54
Malheur	1	5.92	-	-	-	-	-	-	-	-	1	5.92
Marion	19	6.11	-	-	1	0.20	-	-	1	0.20	20	6.31
Multnomah	55	7.27	2	0.32	12	1.44	-	-	3	0.46	72	9.50
Polk	3	4.83	-	-	-	-	-	-	-	-	3	4.83
Tillamook	2	3.51	-	-	2	3.51	-	-	-	-	4	7.01
Umatilla	1	0.83	1	0.83	-	-	-	-	1	2.48	3	4.15
Wasco	1	4.16	-	-	1	1.72	-	-	-	-	2	5.87
Washington	8	2.29	1	0.22	1	0.22	-	-	-	-	10	2.74
Yamhill	2	3.63	-	-	-	-	-	-	-	-	2	3.63

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Pennsylvania: Selected statistics from the United States section**

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
<b>Total deaths</b>	<b>5,926</b>	<b>1</b>
<b>Crude mortality rate (per 1,000,000 population)</b>	<b>124.28</b>	<b>2</b>
<b>Age-adjusted mortality rate (per 1,000,000 population)</b>	<b>54.98</b>	<b>2</b>
<b>Total years of potential life lost to life expectancy</b>	<b>62,129</b>	<b>1</b>
<b>Years of potential life lost to life expectancy (per death)</b>	<b>10.5</b>	<b>46</b>

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
<b>Asbestosis</b>	<b>430</b>	<b>7.3</b>
<b>Coal workers' pneumoconiosis</b>	<b>5,062</b>	<b>85.4</b>
<b>Silicosis</b>	<b>259</b>	<b>4.4</b>
<b>Byssinosis</b>	<b>2</b>	<b>0.0</b>
<b>Unspecified/Other pneumoconiosis</b>	<b>195</b>	<b>3.3</b>

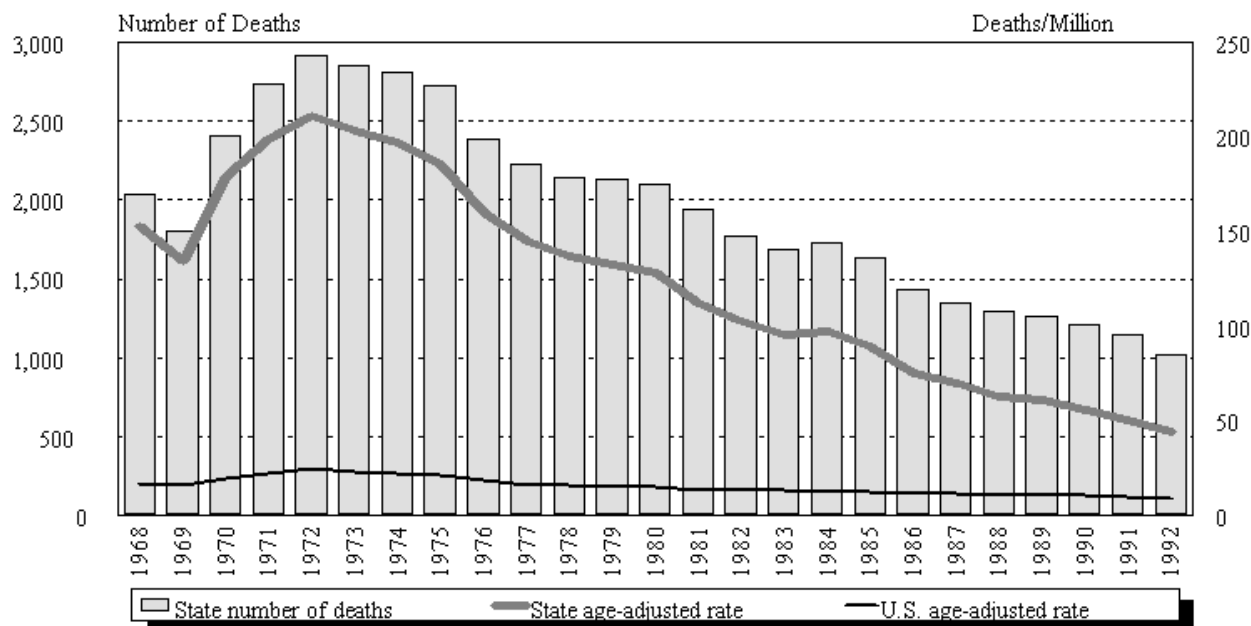
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure PA-1. All pneumoconioses: Pennsylvania and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Pennsylvania

**Table PA-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Pennsylvania residents age 15 and over, 1968-1992**

Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	6	0.53	1,589	119.86	284	21.73			176	12.51	2,030	152.72
1969	9	0.75	1,347	100.42	278	20.96			179	13.02	1,800	134.21
1970	11	0.88	1,878	140.13	291	21.71			266	19.35	2,410	179.30
1971	11	0.91	2,087	153.44	270	19.53			402	28.12	2,729	198.85
1972	22	1.87	2,274	166.34	240	17.05			418	28.90	2,910	210.78
1973	20	1.52	2,136	153.34	227	16.10			494	34.35	2,852	203.32
1974	17	1.33	2,158	152.45	212	14.59			451	30.70	2,809	197.03
1975	18	1.35	2,088	142.74	200	13.39			439	29.24	2,723	185.17
1976	11	0.77	1,879	126.69	186	12.47			326	21.20	2,381	159.70
1977	15	1.00	1,785	116.65	143	9.33			305	19.00	2,230	144.92
1978	25	2.02	1,744	111.50	152	10.10			240	14.80	2,143	137.32
1979	24	1.72	1,753	109.62	85	5.45	1	0.08	266	16.05	2,126	132.77
1980	35	2.45	1,719	105.98	94	5.52	1	0.05	252	14.55	2,094	128.12
1981	32	2.09	1,602	93.30	75	4.30	3	0.21	228	12.58	1,937	112.27
1982	33	2.29	1,594	91.70	64	3.65	-	-	84	5.23	1,770	102.60
1983	36	2.35	1,515	86.08	68	3.95	1	0.07	65	3.63	1,681	95.82
1984	60	3.85	1,552	86.80	60	3.37	-	-	64	3.67	1,731	97.39
1985	54	3.47	1,480	79.70	55	3.18	1	0.08	49	2.82	1,634	88.99
1986	54	3.46	1,303	67.77	49	2.87	-	-	36	1.88	1,435	75.44
1987	65	4.01	1,211	61.71	52	2.83	-	-	33	1.70	1,351	69.69
1988	79	4.67	1,153	55.34	45	2.25	-	-	26	1.31	1,295	63.15
1989	101	6.04	1,082	50.89	47	2.52	-	-	36	1.75	1,264	61.05
1990	67	3.85	1,030	46.70	61	3.08	1	0.04	51	2.53	1,206	56.00
1991	83	4.48	961	41.42	53	2.90	1	0.02	49	2.28	1,143	50.87
1992	100	5.16	836	35.26	53	2.82	-	-	33	1.53	1,018	44.56

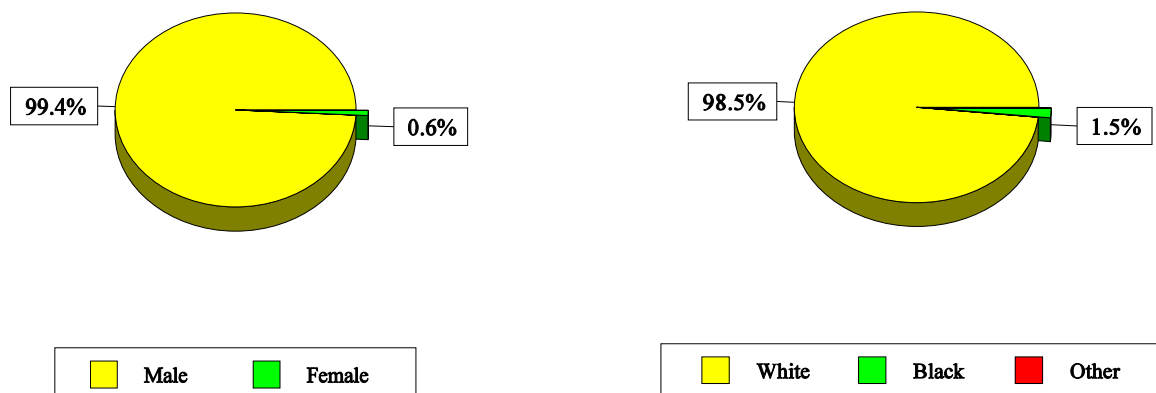
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Figure PA-2. All pneumoconioses: Distribution of deaths by sex and race, Pennsylvania residents age 15 and over, 1968-1992**



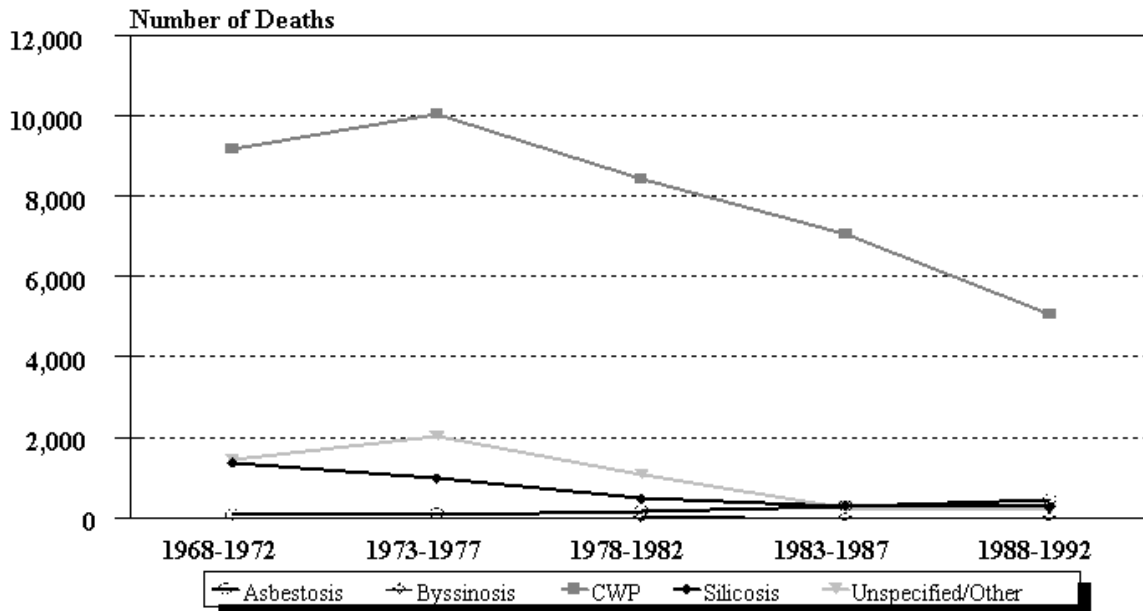
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table PA-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Pennsylvania residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		48,702	100.0	5,926	100.0
Sex	Male	48,402	99.4	5,878	99.2
	Female	300	0.6	48	0.8
Race	White	47,993	98.5	5,831	98.4
	Black	708	1.5	95	1.6
	Other	1	0.0	0	0.0
Age	15-24	6	0.0	0	0.0
	25-34	20	0.0	2	0.0
	35-44	90	0.2	7	0.1
	45-54	1,204	2.5	37	0.6
	55-64	7,801	16.0	333	5.6
	65-74	17,934	36.8	1,771	29.9
	75-84	16,684	34.3	2,803	47.3
	85+	4,963	10.2	973	16.4
Mean age		72.8		76.8	
Range for age		15-105		30-104	

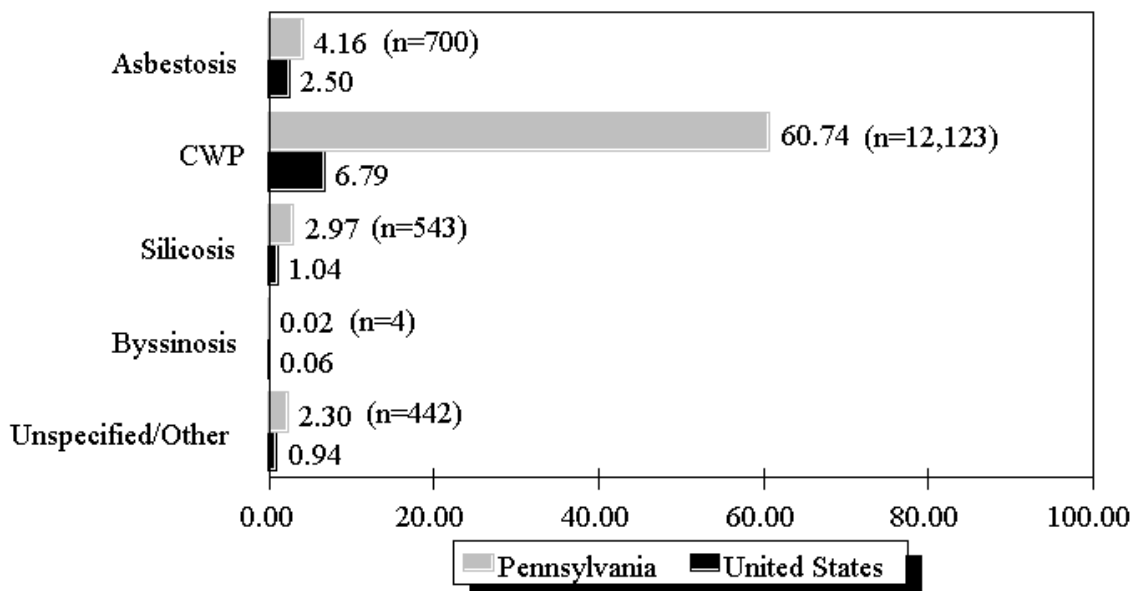
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure PA-3. Pneumoconiosis deaths by condition, Pennsylvania residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure PA-4. Pennsylvania and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table PA-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Pennsylvania residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Adams	1	1.37	1	1.37	2	2.01	-	-	-	-	4	4.74
Allegheny	31	1.69	288	11.27	47	2.36	-	-	23	0.93	387	16.12
Armstrong	1	1.11	69	51.70	12	10.34	-	-	11	8.65	92	70.70
Beaver	4	1.49	17	6.56	8	3.33	-	-	3	1.08	30	11.63
Bedford	3	4.63	33	44.93	6	10.13	-	-	6	9.57	48	69.26
Berks	17	3.88	18	2.85	32	6.37	-	-	20	4.13	86	17.10
Blair	18	7.82	17	10.07	9	4.78	-	-	7	3.48	51	26.15
Bradford	1	0.73	1	0.73	2	1.47	-	-	-	-	4	2.93
Bucks	25	4.60	31	5.14	6	1.10	-	-	7	1.39	69	12.23
Butler	1	0.68	22	9.41	2	1.01	-	-	-	-	25	11.10
Cambria	9	3.49	924	323.29	42	13.97	-	-	44	14.67	1,008	351.46
Cameron	-	-	1	6.53	-	-	-	-	-	-	1	6.53
Carbon	5	9.47	310	291.00	11	11.67	-	-	11	12.53	336	323.31
Centre	2	1.80	14	11.29	3	2.97	-	-	6	3.80	25	19.87
Chester	5	1.43	9	2.17	2	0.63	-	-	-	-	16	4.23
Clarion	-	-	45	74.68	-	-	-	-	5	6.87	50	81.56
Clearfield	1	1.09	115	94.95	6	4.30	-	-	13	10.26	135	110.60
Clinton	1	1.20	4	7.04	-	-	-	-	-	-	5	8.25
Columbia	3	4.57	88	93.83	2	1.39	-	-	6	4.91	99	104.71
Crawford	2	1.57	1	0.49	3	2.06	-	-	-	-	6	4.12
Cumberland	-	-	7	2.36	-	-	-	-	1	0.52	8	2.88
Dauphin	3	1.00	55	14.61	3	0.60	-	-	2	0.60	63	16.81
Delaware	130	17.77	28	3.00	17	2.13	-	-	2	0.24	175	22.89
Elk	-	-	9	13.57	-	-	-	-	1	1.26	10	14.83
Erie	3	0.73	12	2.93	11	3.07	-	-	3	0.57	29	7.30
Fayette	6	2.14	642	251.31	7	3.22	-	-	13	6.17	667	262.57
Forest	-	-	1	7.61	-	-	-	-	-	-	1	7.61
Franklin	2	1.58	2	1.18	2	1.18	-	-	1	0.79	7	4.74
Fulton	-	-	2	11.03	1	10.36	-	-	2	11.03	5	32.42
Greene	1	1.00	117	204.61	2	4.53	-	-	4	7.80	123	215.68
Huntingdon	2	2.22	26	44.28	16	25.51	-	-	3	4.44	47	76.44
Indiana	1	0.55	192	153.95	20	16.30	-	-	14	14.81	226	185.06
Jefferson	2	3.67	40	47.56	1	1.83	-	-	8	9.87	51	62.94
Juniata	-	-	1	4.70	2	6.88	-	-	2	4.36	5	15.94

See footnotes at end of table.

## Pennsylvania

**Table PA-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Pennsylvania residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Lackawanna	9	2.90	1172	258.11	25	5.60	-	-	31	6.72	1,237	273.33
Lancaster	33	5.88	13	2.26	8	1.66	-	-	6	1.00	60	10.81
Lawrence	1	0.80	3	1.99	2	1.59	-	-	2	0.80	8	5.18
Lebanon	4	2.87	4	2.43	2	1.22	-	-	-	-	10	6.51
Lehigh	5	1.25	21	4.17	13	2.96	-	-	6	0.91	43	8.83
Luzerne	25	4.48	3,506	540.04	24	3.62	-	-	53	9.37	3,602	556.63
Lycoming	1	0.79	2	0.74	1	0.37	-	-	-	-	4	1.90
McKean	8	13.76	1	0.76	2	2.59	-	-	-	-	11	17.11
Mercer	1	0.68	12	6.39	4	2.20	1	0.33	7	2.64	25	12.23
Mifflin	-	-	6	9.46	11	16.03	-	-	1	0.92	18	26.40
Monroe	3	3.33	12	11.40	3	2.85	-	-	1	1.11	18	17.58
Montgomery	110	11.62	31	3.10	14	1.56	-	-	8	0.74	162	16.88
Montour	-	-	5	13.41	-	-	-	-	-	-	5	13.41
Northampton	2	0.75	10	2.87	6	2.08	-	-	5	0.99	23	6.69
North-umberland	6	3.93	663	386.78	6	3.04	2	1.16	3	1.52	680	396.43
Perry	-	-	4	8.74	-	-	-	-	-	-	4	8.74
Philadelphia	146	7.18	36	1.47	27	1.11	-	-	10	0.49	217	10.14
Pike	1	3.15	4	7.86	-	-	-	-	-	-	5	11.01
Potter	2	7.56	2	7.56	1	2.42	-	-	-	-	5	17.54
Schuylkill	19	8.72	2,387	834.68	39	13.45	1	0.47	27	9.29	2,463	862.64
Snyder	1	2.91	6	11.99	2	3.08	-	-	-	-	9	17.98
Somerset	6	7.16	358	281.03	17	17.12	-	-	14	9.51	393	312.69
Sullivan	-	-	4	19.44	1	4.86	-	-	-	-	5	24.30
Susquehanna	2	3.45	40	55.28	2	5.95	-	-	7	12.70	51	77.38
Tioga	1	1.10	4	6.85	1	3.63	-	-	-	-	6	11.59
Union	-	-	1	1.38	-	-	-	-	-	-	1	1.38
Venango	3	4.39	10	11.08	1	1.46	-	-	3	3.68	17	20.61
Warren	1	1.93	4	5.70	2	2.85	-	-	-	-	6	9.55
Washington	7	2.63	332	92.41	10	2.57	-	-	15	4.98	361	101.80
Wayne	5	8.93	18	23.90	1	2.19	-	-	-	-	24	35.03
Westmoreland	10	1.66	283	43.39	35	6.26	-	-	19	3.10	346	54.20
Wyoming	3	9.75	21	54.58	-	-	-	-	1	1.95	25	66.28
York	4	1.07	6	1.38	6	1.78	-	-	5	1.07	20	5.00

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Rhode Island: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992		
	<u>Value</u>	<u>State rank</u>
Total deaths	35	42
Crude mortality rate (per 1,000,000 population)	8.61	27
Age-adjusted mortality rate (per 1,000,000 population)	4.78	30
Total years of potential life lost to life expectancy	435	40
Years of potential life lost to life expectancy (per death)	12.4	18

Deaths by type of pneumoconiosis, 1988-1992		
	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	29	82.9
Coal workers' pneumoconiosis	1	2.9
Silicosis	3	8.6
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	2	5.7

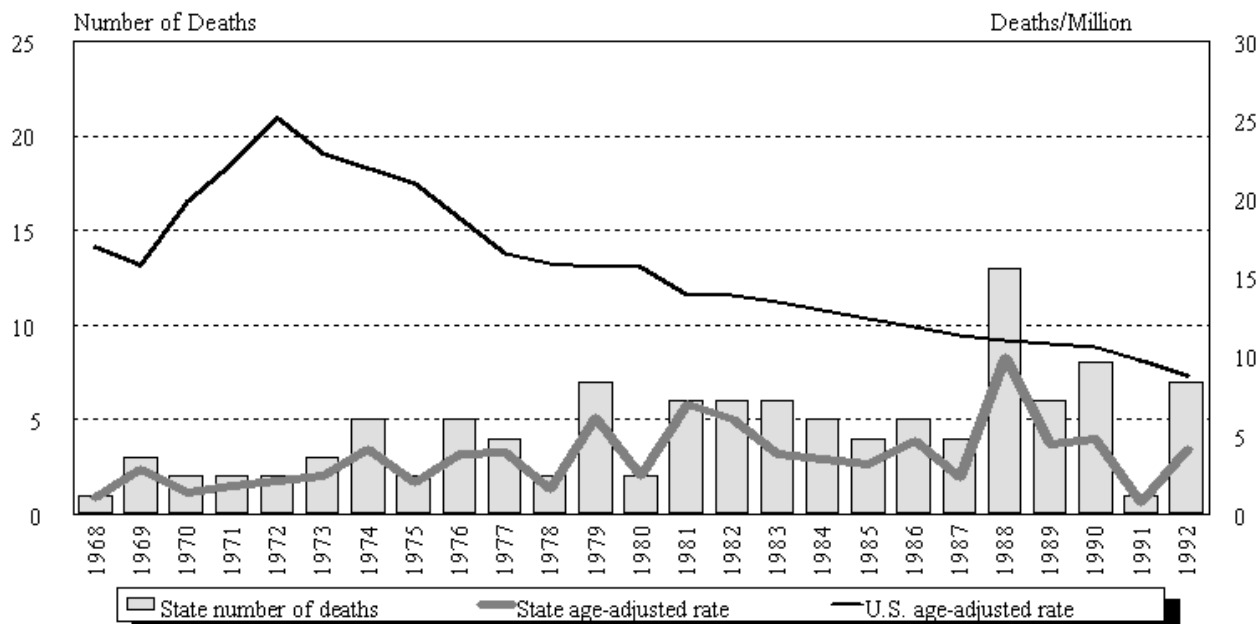
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure RI-1. All pneumoconioses: Rhode Island and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Rhode Island

**Table RI-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Rhode Island residents age 15 and over, 1968-1992**

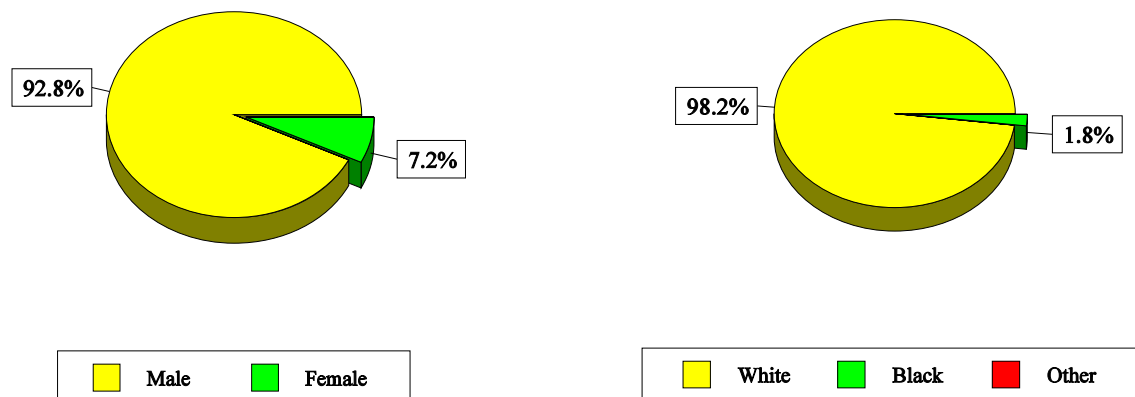
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	1	1.01			-	-	1	1.01
1969	-	-	-	-	1	0.71			2	2.14	3	2.85
1970	-	-	1	0.71	1	0.71			1	0.71	2	1.42
1971	1	1.11	-	-	-	-			1	0.69	2	1.80
1972	-	-	-	-	-	-			2	2.17	2	2.17
1973	-	-	2	1.73	-	-			1	0.66	3	2.39
1974	1	0.95	2	1.60	1	0.95			1	0.65	5	4.14
1975	-	-	-	-	2	2.04			-	-	2	2.04
1976	-	-	-	-	3	2.32			3	2.07	5	3.76
1977	2	1.52	-	-	1	1.47			2	2.36	4	3.88
1978	1	0.61	-	-	-	-			1	1.03	2	1.63
1979	2	1.46	1	1.02	4	3.65	-	-	-	-	7	6.13
1980	1	1.62	-	-	1	0.85	-	-	-	-	2	2.47
1981	6	7.04	-	-	-	-	-	-	-	-	6	7.04
1982	4	5.46	-	-	4	2.66	-	-	-	-	6	6.04
1983	4	2.44	-	-	1	0.55	1	0.83	-	-	6	3.82
1984	3	2.15	-	-	1	0.27	1	1.06	-	-	5	3.48
1985	2	1.61	-	-	1	1.08	-	-	1	0.53	4	3.21
1986	3	3.07	-	-	1	0.79	-	-	1	0.79	5	4.65
1987	-	-	-	-	1	0.25	-	-	3	2.12	4	2.37
1988	11	8.72	1	0.77	-	-	-	-	1	0.49	13	9.98
1989	5	3.24	-	-	-	-	-	-	1	1.18	6	4.42
1990	7	4.49	-	-	1	0.23	-	-	-	-	8	4.72
1991	1	0.76	-	-	-	-	-	-	-	-	1	0.76
1992	5	2.11	-	-	2	1.99	-	-	-	-	7	4.10

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure RI-2. All pneumoconioses: Distribution of deaths by sex and race, Rhode Island residents age 15 and over, 1968-1992**



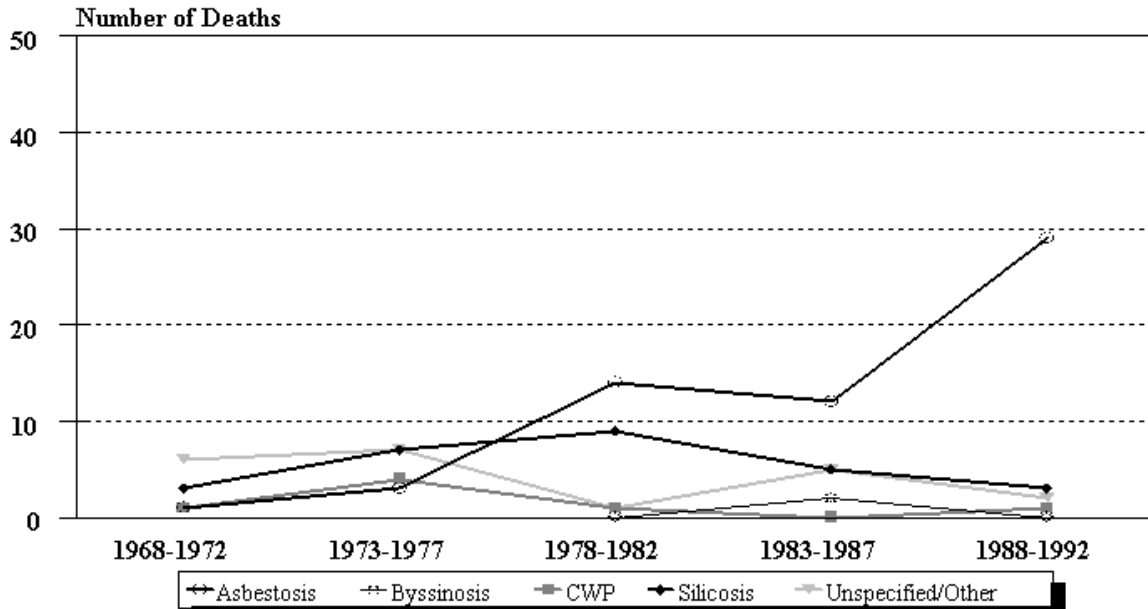
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table RI-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Rhode Island residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		111	100.0	35	100.0
Sex	Male	103	92.8	31	88.6
	Female	8	7.2	4	11.4
Race	White	109	98.2	35	100.0
	Black	2	1.8	0	0.0
	Other	0	0.0	0	0.0
Age	15-24	1	0.9	0	0.0
	25-34	0	0.0	0	0.0
	35-44	0	0.0	0	0.0
	45-54	10	9.0	2	5.7
	55-64	24	21.6	5	14.3
	65-74	27	24.3	10	28.6
	75-84	37	33.3	12	34.3
	85+	12	10.8	6	17.1
Mean age		70.2		72.7	
Range for age		21-92		49-88	

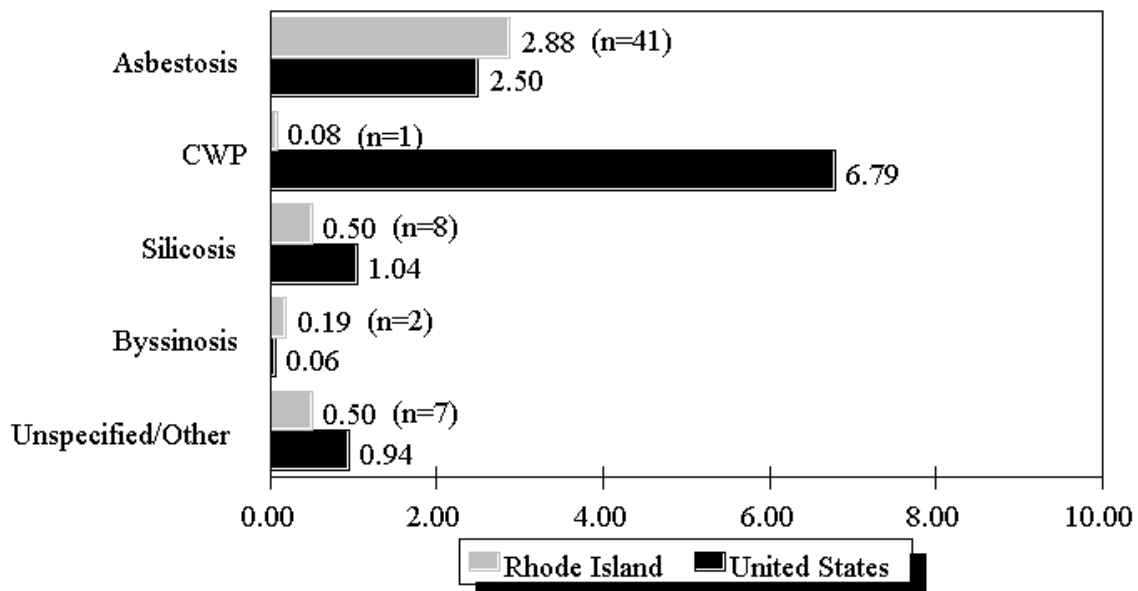
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure RI-3. Pneumoconiosis deaths by condition, Rhode Island residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure RI-4. Rhode Island and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table RI-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Rhode Island residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Bristol	-	-	-	-	1	1.79	-	-	3	4.51	4	6.30
Kent	3	0.88	-	-	-	-	-	-	1	0.29	4	1.17
Newport	2	1.82	-	-	-	-	-	-	-	-	2	1.82
Providence	30	3.23	1	0.16	6	0.58	2	0.32	2	0.13	41	4.42
Washington	6	6.64	-	-	1	1.06	-	-	1	1.06	8	8.76

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



South Carolina: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992		
	Value	State rank
Total deaths	97	29
Crude mortality rate (per 1,000,000 population)	7.12	30
Age-adjusted mortality rate (per 1,000,000 population)	4.81	28
Total years of potential life lost to life expectancy	1,285	27
Years of potential life lost to life expectancy (per death)	13.2	8

Deaths by type of pneumoconiosis, 1988-1992		
	Deaths*	Percent** distribution
Asbestosis	64	66.0
Coal workers' pneumoconiosis	10	10.3
Silicosis	14	14.4
Byssinosis	6	6.2
Unspecified/Other pneumoconiosis	3	3.1

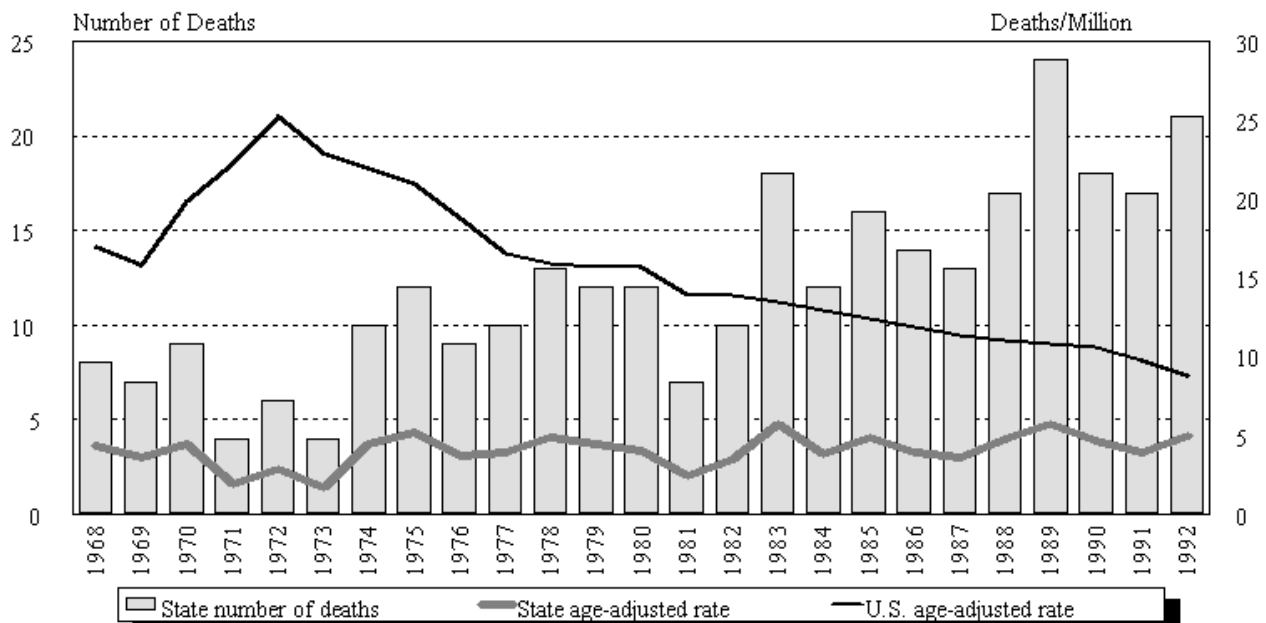
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure SC-1. All pneumoconioses: South Carolina and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## South Carolina

**Table SC-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, South Carolina residents age 15 and over, 1968-1992**

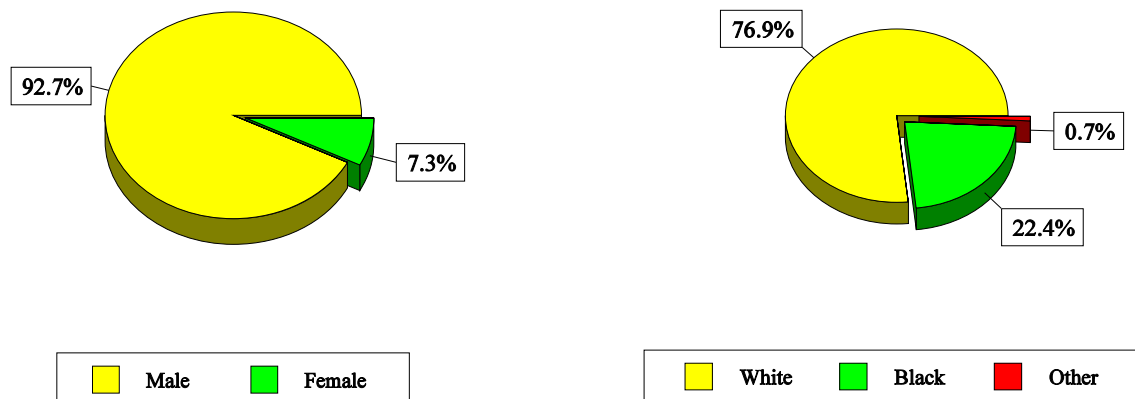
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	3	1.58	-	-	5	2.72			-	-	8	4.31
1969	5	2.55	-	-	2	1.02			-	-	7	3.57
1970	3	1.53	2	0.87	4	2.08			1	0.43	9	4.47
1971	1	0.49	1	0.49	-	-			2	0.98	4	1.96
1972	2	0.95	-	-	-	-			4	1.91	6	2.86
1973	2	0.91	-	-	2	0.84			-	-	4	1.74
1974	3	1.43	1	0.43	6	2.76			1	0.37	10	4.46
1975	3	1.24	2	0.79	4	1.84			3	1.35	12	5.22
1976	2	0.85	2	0.85	2	0.82			3	1.20	9	3.72
1977	5	2.22	1	0.38	3	0.93			1	0.38	10	3.90
1978	8	3.09	2	0.72	2	0.72			2	0.68	13	4.90
1979	7	2.61	-	-	5	1.85	-	-	1	0.39	12	4.42
1980	4	1.44	4	1.15	2	0.72	1	0.34	1	0.34	12	3.99
1981	2	0.61	1	0.28	4	1.59	-	-	-	-	7	2.48
1982	4	1.74	1	0.48	4	0.96	-	-	1	0.27	10	3.45
1983	8	2.93	2	0.57	3	0.67	2	0.68	3	0.94	18	5.78
1984	6	1.92	1	0.30	1	0.37	4	1.22	-	-	12	3.80
1985	9	2.61	2	0.53	3	1.09	-	-	2	0.66	16	4.89
1986	9	2.48	1	0.22	3	0.67	1	0.50	-	-	14	3.88
1987	8	2.28	2	0.58	2	0.53	1	0.28	-	-	13	3.66
1988	14	3.80	1	0.13	2	0.84	-	-	-	-	17	4.77
1989	18	4.47	3	0.60	3	0.69	-	-	-	-	24	5.75
1990	11	2.40	1	0.19	5	1.71	1	0.37	-	-	18	4.66
1991	8	1.78	-	-	3	0.88	3	0.78	3	0.49	17	3.93
1992	13	3.20	5	1.05	1	0.11	2	0.62	-	-	21	4.99

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure SC-2. All pneumoconioses: Distribution of deaths by sex and race, South Carolina residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

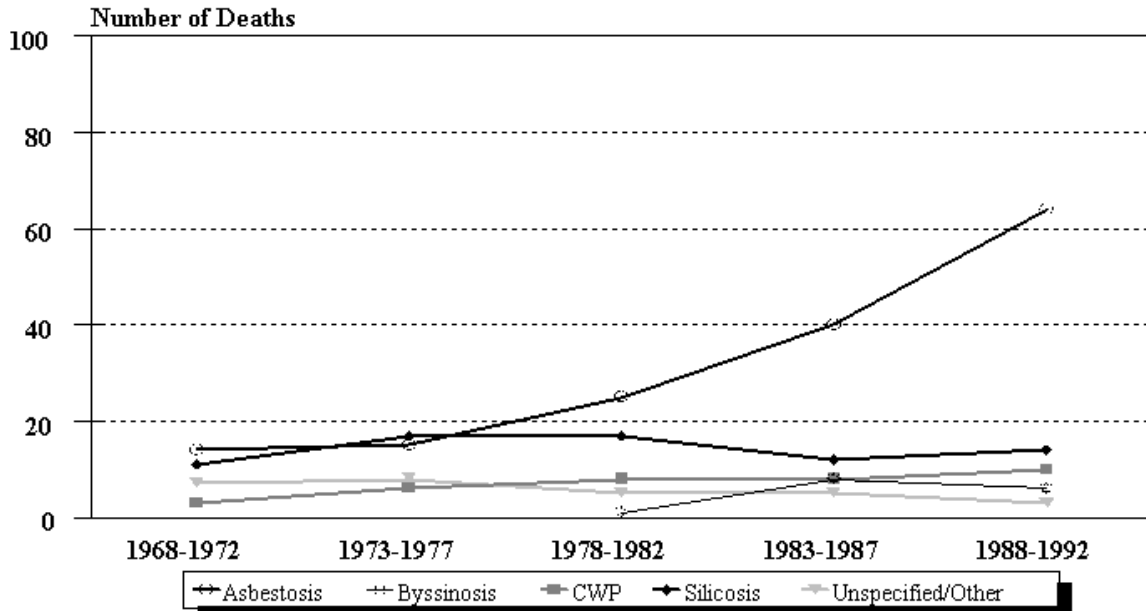
**Table SC-2. All pneumoconioses: Distribution of deaths by sex, race, and age, South Carolina residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		303	100.0	97	100.0
Sex	Male	281	92.7	90	92.8
	Female	22	7.3	7	7.2
Race	White	233	76.9	73	75.3
	Black	68	22.4	24	24.7
	Other	2	0.7	0	0.0
Age	15-24	1	0.3	1	1.0
	25-34	1	0.3	0	0.0
	35-44	6	2.0	1	1.0
	45-54	21	6.9	3	3.1
	55-64	75	24.8	13	13.4
	65-74	106	35.0	34	35.1
	75-84	80	26.4	39	40.2
	85+	13	4.3	6	6.2
Mean age		68.4		72.0	
Range for age		18-98		18-98	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

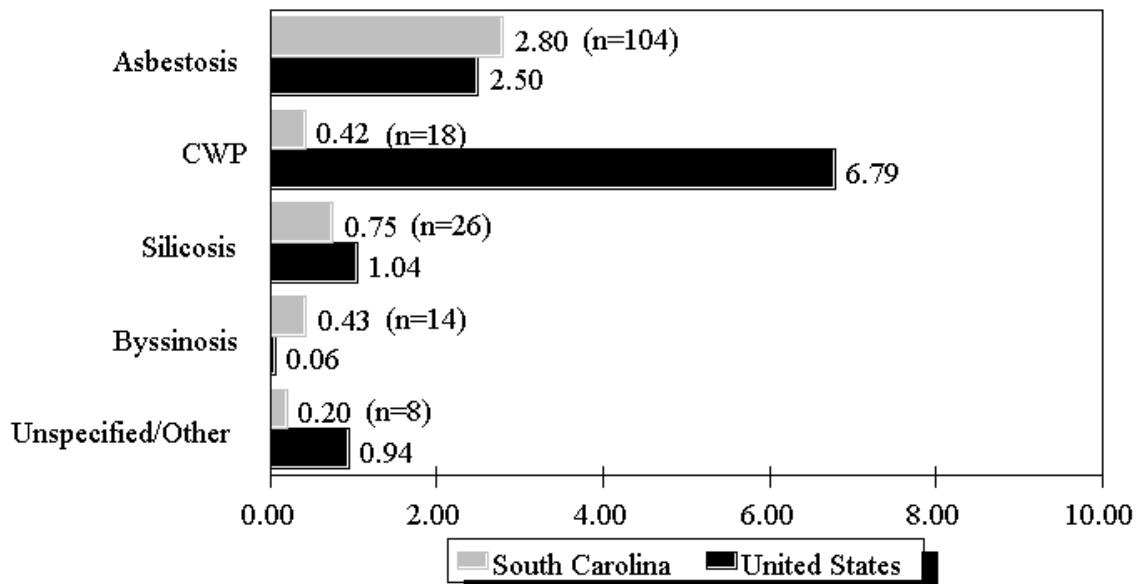
## South Carolina

**Figure SC-3. Pneumoconiosis deaths by condition, South Carolina residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure SC-4. South Carolina and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table SC-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, South Carolina residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Abbeville	-	-	1	1.89	-	-	-	-	-	-	1	1.89
Aiken	1	0.58	-	-	-	-	2	1.77	1	0.58	4	2.93
Anderson	1	0.38	1	0.38	2	1.06	1	0.68	-	-	5	2.50
Bamberg	1	3.34	-	-	-	-	-	-	-	-	1	3.34
Barnwell	1	5.34	-	-	-	-	-	-	-	-	1	5.34
Beaufort	2	1.80	-	-	-	-	-	-	-	-	2	1.80
Berkeley	7	9.12	-	-	1	1.41	-	-	-	-	8	10.53
Charleston	44	15.98	1	0.43	2	0.55	-	-	-	-	47	16.95
Cherokee	2	4.68	-	-	-	-	-	-	-	-	2	4.68
Chester	-	-	1	1.68	1	1.68	1	3.13	-	-	3	6.49
Clarendon	1	3.53	-	-	2	10.75	-	-	1	3.53	4	17.81
Colleton	5	10.98	2	4.64	-	-	-	-	-	-	7	15.62
Darlington	1	2.27	1	1.00	1	2.27	-	-	-	-	3	5.55
Dillon	-	-	-	-	1	5.29	-	-	-	-	1	5.29
Dorchester	7	11.99	-	-	-	-	-	-	-	-	7	11.99
Fairfield	-	-	-	-	1	4.72	-	-	1	4.72	2	9.44
Florence	2	1.99	-	-	-	-	-	-	-	-	2	1.99
Georgetown	-	-	1	2.16	-	-	-	-	-	-	1	2.16
Greenville	4	1.23	-	-	2	0.40	1	0.44	-	-	7	2.07
Greenwood	-	-	-	-	1	2.46	-	-	-	-	1	2.46
Horry	-	-	2	1.07	1	0.54	-	-	2	1.07	5	2.69
Kershaw	3	7.16	-	-	1	2.39	-	-	-	-	4	9.55
Lancaster	-	-	1	1.92	-	-	2	3.84	-	-	3	5.76
Laurens	-	-	2	2.63	-	-	-	-	-	-	2	2.63
Lexington	-	-	-	-	2	1.55	-	-	1	0.55	3	2.09
McCormick	-	-	1	6.07	-	-	-	-	-	-	1	6.07
Marion	1	3.12	-	-	-	-	1	1.80	-	-	2	4.92
Marlboro	1	3.50	-	-	1	3.50	2	7.00	-	-	4	14.01
Newberry	1	2.84	-	-	1	2.84	-	-	-	-	2	5.68
Oconee	1	1.65	-	-	-	-	2	4.12	-	-	3	5.77
Orangeburg	2	2.53	1	1.27	-	-	-	-	-	-	3	3.80

See footnotes at end of table.

## South Carolina

**Table SC-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, South Carolina residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Pickens	-	-	-	-	2	<b>1.38</b>	-	-	-	-	2	<b>1.38</b>
Richland	6	<b>2.46</b>	-	-	1	<b>0.29</b>	-	-	1	<b>0.47</b>	8	<b>3.22</b>
Spartanburg	5	<b>2.26</b>	1	<b>0.26</b>	2	<b>0.87</b>	1	<b>0.46</b>	-	-	9	<b>3.86</b>
Sumter	-	-	-	-	-	-	-	-	1	<b>1.33</b>	1	<b>1.33</b>
York	5	<b>3.85</b>	2	<b>1.14</b>	1	<b>0.90</b>	1	<b>0.90</b>	-	-	9	<b>6.79</b>

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



South Dakota: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	7	49
Crude mortality rate (per 1,000,000 population)	2.66	50
Age-adjusted mortality rate (per 1,000,000 population)	1.14	51
Total years of potential life lost to life expectancy	69	51
Years of potential life lost to life expectancy (per death)	9.9	49

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	0	0.0
Coal workers' pneumoconiosis	3	42.9
Silicosis	3	42.9
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	1	14.3

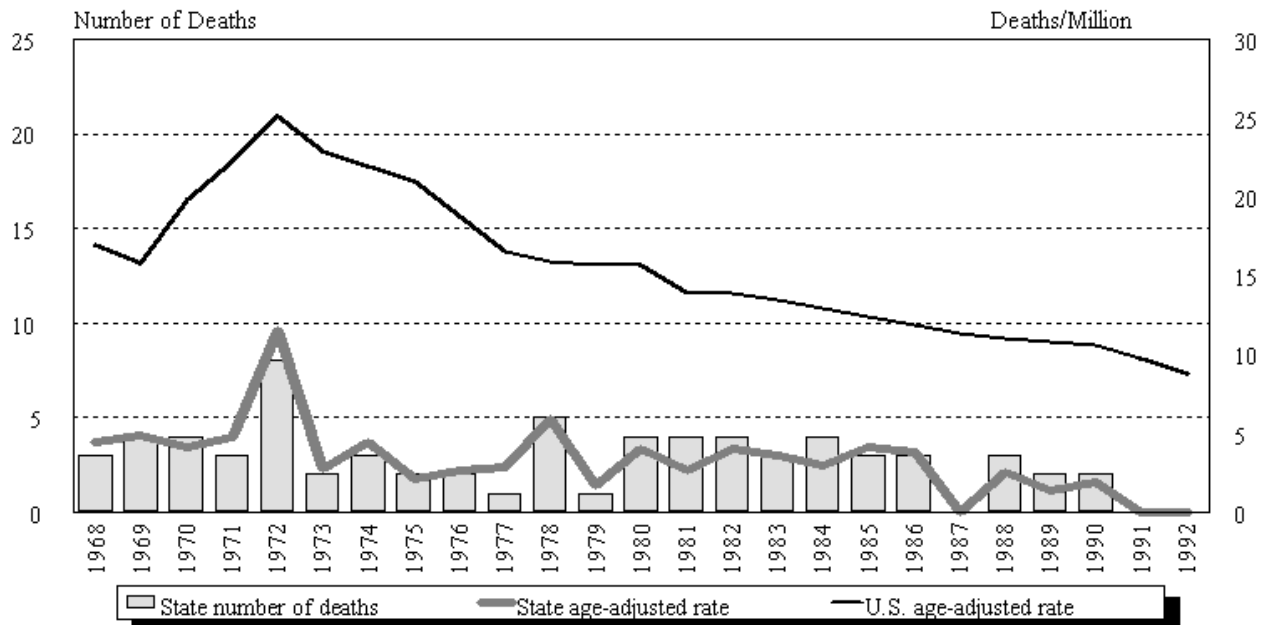
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure SD-1. All pneumoconioses: South Dakota and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## South Dakota

**Table SD-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, South Dakota residents age 15 and over, 1968-1992**

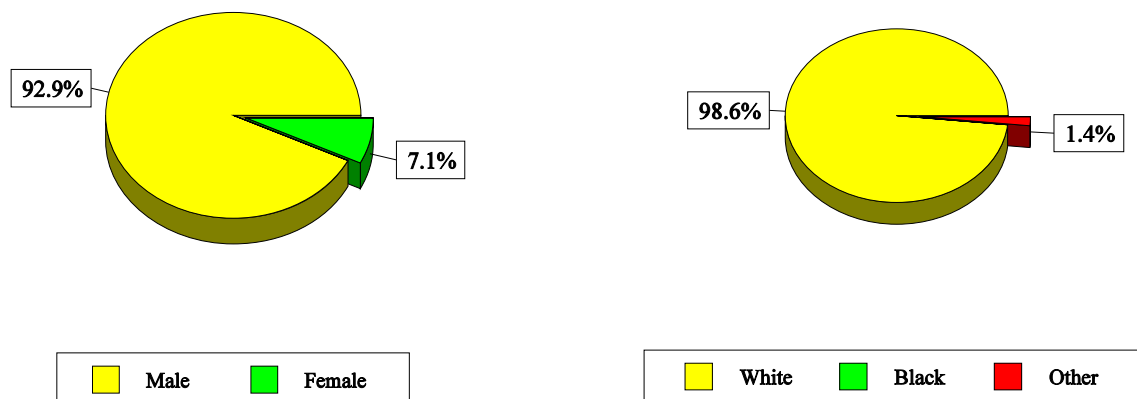
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	3	4.48			-	-	3	4.48
1969	-	-	-	-	3	3.44			1	1.38	4	4.82
1970	-	-	-	-	3	2.81			1	1.38	4	4.18
1971	-	-	1	1.72	1	0.84			1	2.20	3	4.77
1972	-	-	-	-	6	7.14			2	4.39	8	11.53
1973	-	-	-	-	1	1.36			1	1.36	2	2.73
1974	-	-	-	-	3	4.41			-	-	3	4.41
1975	-	-	-	-	1	1.35			1	0.80	2	2.15
1976	-	-	-	-	1	1.33			1	1.33	2	2.66
1977	-	-	-	-	-	-			1	2.90	1	2.90
1978	1	1.67	2	1.68	1	1.30			1	1.30	5	5.95
1979	-	-	-	-	-	-	-	-	1	1.67	1	1.67
1980	-	-	1	1.66	2	1.63	-	-	1	0.77	4	4.05
1981	-	-	2	1.10	2	1.52	-	-	-	-	4	2.62
1982	-	-	1	0.75	3	3.26	-	-	-	-	4	4.01
1983	1	1.24	1	1.65	1	0.74	-	-	-	-	3	3.63
1984	-	-	1	0.31	1	0.72	-	-	2	1.95	4	2.99
1985	1	1.65	-	-	2	2.44	-	-	-	-	3	4.09
1986	-	-	1	1.21	2	2.65	-	-	-	-	3	3.86
1987	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	2	1.37	1	1.19	-	-	-	-	3	2.56
1989	-	-	1	0.68	1	0.68	-	-	-	-	2	1.35
1990	-	-	-	-	1	1.19	-	-	1	0.67	2	1.85
1991	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure SD-2. All pneumoconioses: Distribution of deaths by sex and race, South Dakota residents age 15 and over, 1968-1992**



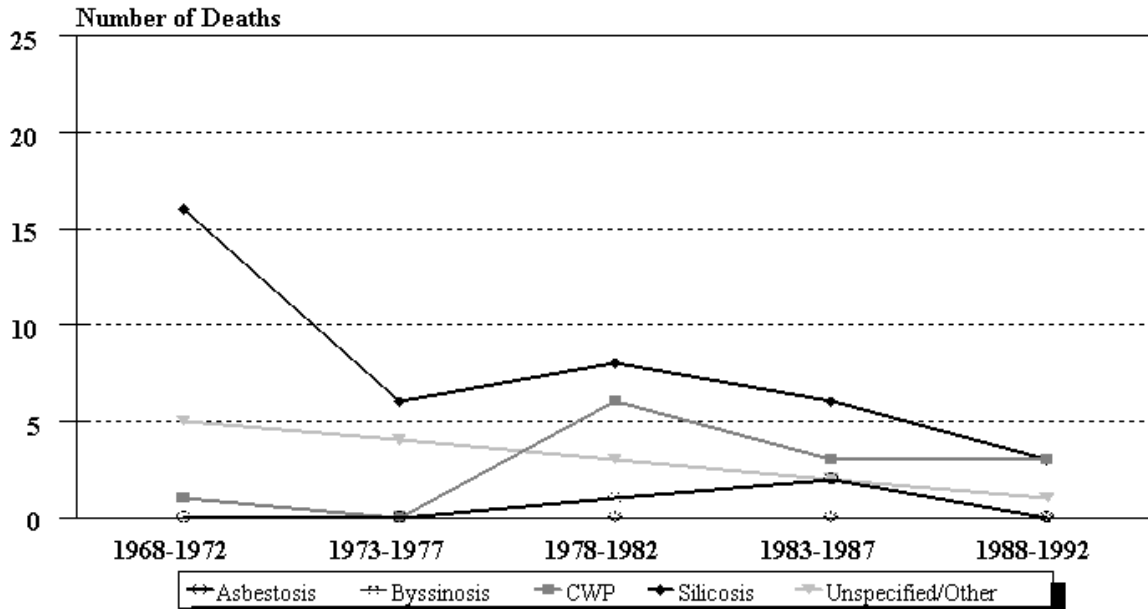
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table SD-2. All pneumoconioses: Distribution of deaths by sex, race, and age, South Dakota residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		70	100.0	7	100.0
Sex	Male	65	92.9	7	100.0
	Female	5	7.1	0	0.0
Race	White	69	98.6	7	100.0
	Black	0	0.0	0	0.0
	Other	1	1.4	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	1	1.4	0	0.0
	35-44	1	1.4	0	0.0
	45-54	3	4.3	0	0.0
	55-64	9	12.9	0	0.0
	65-74	29	41.4	2	28.6
	75-84	22	31.4	5	71.4
	85+	5	7.1	0	0.0
Mean age		71.4		76.1	
Range for age		30-96		67-82	

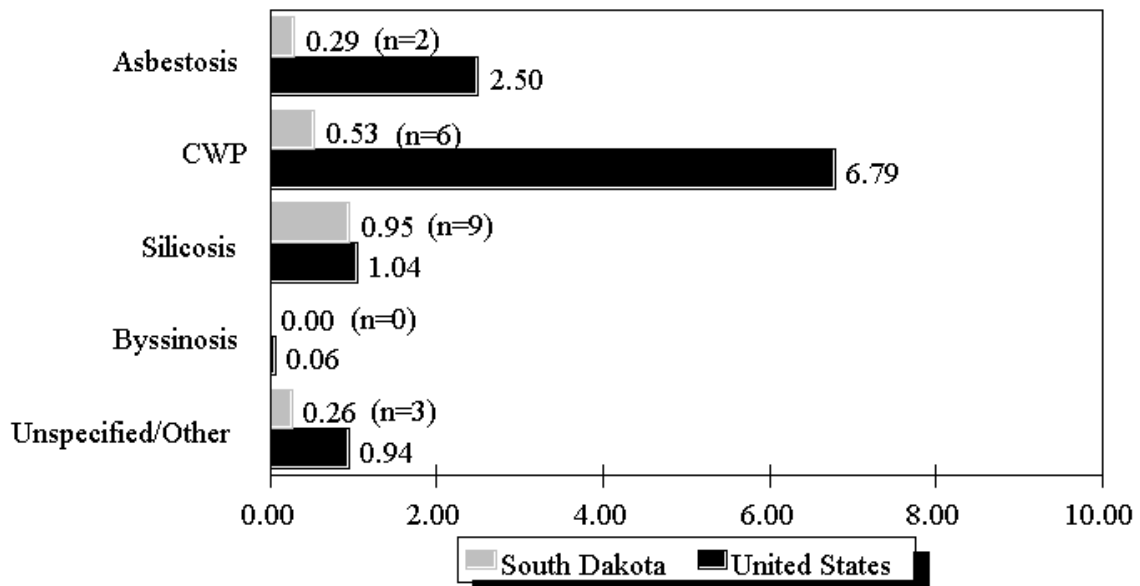
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure SD-3. Pneumoconiosis deaths by condition, South Dakota residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure SD-4. South Dakota and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table SD-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, South Dakota residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Brown	1	2.88	-	-	-	-	-	-	-	-	1	2.88
Butte	-	-	1	11.24	-	-	-	-	-	-	1	11.24
Custer	-	-	-	-	1	14.53	-	-	-	-	1	14.53
Fall River	1	9.32	-	-	-	-	-	-	-	-	1	9.32
Grant	-	-	-	-	2	7.45	-	-	1	10.72	3	18.17
Kingsbury	-	-	-	-	1	12.15	-	-	-	-	1	12.15
Lawrence	-	-	1	5.16	3	12.45	-	-	-	-	4	17.61
Meade	-	-	2	6.17	1	3.09	-	-	1	3.09	4	12.34
Miner	-	-	1	6.63	-	-	-	-	-	-	1	6.63
Minnehaha	-	-	1	0.43	-	-	-	-	-	-	1	0.43
Pennington	-	-	-	-	1	1.64	-	-	1	0.84	2	2.48

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Tennessee: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	265	13
Crude mortality rate (per 1,000,000 population)	13.69	11
Age-adjusted mortality rate (per 1,000,000 population)	7.76	12
Total years of potential life lost to life expectancy	3,129	13
Years of potential life lost to life expectancy (per death)	11.8	29

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	35	13.2
Coal workers' pneumoconiosis	168	63.4
Silicosis	19	7.2
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	44	16.6

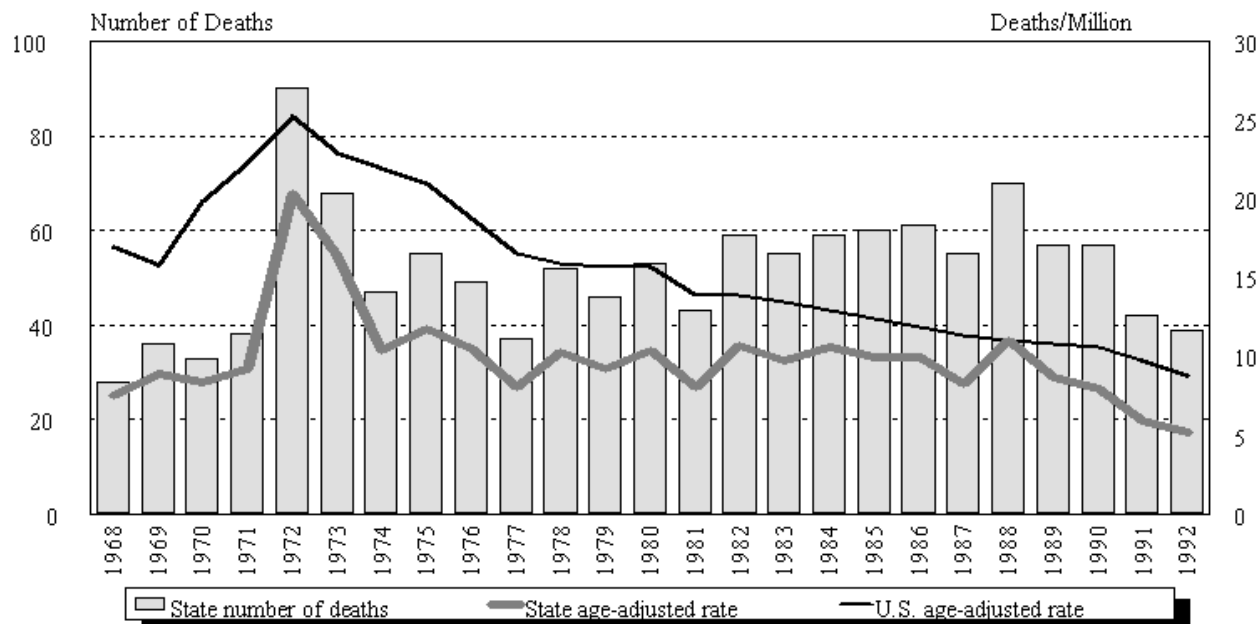
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure TN-1. All pneumoconioses: Tennessee and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Tennessee

**Table TN-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Tennessee residents age 15 and over, 1968-1992**

Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.36	-	-	18	4.79			9	2.43	28	7.57
1969	-	-	4	0.87	22	5.44			11	2.69	36	8.86
1970	-	-	6	1.50	9	2.43			18	4.43	33	8.37
1971	-	-	8	1.90	9	2.31			21	5.03	38	9.24
1972	4	1.00	20	4.23	16	3.77			50	11.33	90	20.32
1973	-	-	17	4.27	10	2.78			42	9.56	68	16.33
1974	-	-	17	3.70	4	0.99			26	5.70	47	10.39
1975	1	0.23	19	4.01	13	3.07			24	4.94	55	11.80
1976	-	-	13	3.11	10	2.42			28	5.44	49	10.48
1977	5	1.36	14	2.80	6	1.45			13	2.57	37	8.02
1978	1	0.16	22	4.28	7	1.46			25	5.01	52	10.24
1979	5	1.35	16	2.95	9	1.93	-	-	17	3.29	46	9.27
1980	3	0.60	25	4.74	8	1.53	-	-	17	3.51	53	10.38
1981	-	-	35	6.46	6	1.27	-	-	2	0.29	43	8.02
1982	10	1.84	33	5.80	4	0.78	-	-	12	2.32	59	10.74
1983	5	1.37	37	5.77	11	2.30	-	-	4	0.77	55	9.77
1984	5	1.21	41	7.08	9	1.83	-	-	5	0.73	59	10.62
1985	8	1.29	40	6.62	5	1.04	-	-	7	1.07	60	10.02
1986	10	1.89	39	6.10	5	0.87	1	0.13	6	1.01	61	9.99
1987	4	0.79	39	5.72	6	0.75	-	-	6	0.98	55	8.24
1988	12	2.08	45	6.96	5	0.79	-	-	9	1.33	70	11.06
1989	5	0.91	33	4.65	6	1.23	-	-	13	1.94	57	8.73
1990	6	1.02	37	4.82	3	0.61	-	-	11	1.52	57	7.97
1991	8	1.50	23	2.77	3	0.49	-	-	8	1.20	42	5.96
1992	4	0.78	30	3.65	2	0.36	-	-	3	0.46	39	5.25

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Figure TN-2. All pneumoconioses: Distribution of deaths by sex and race, Tennessee residents age 15 and over, 1968-1992**



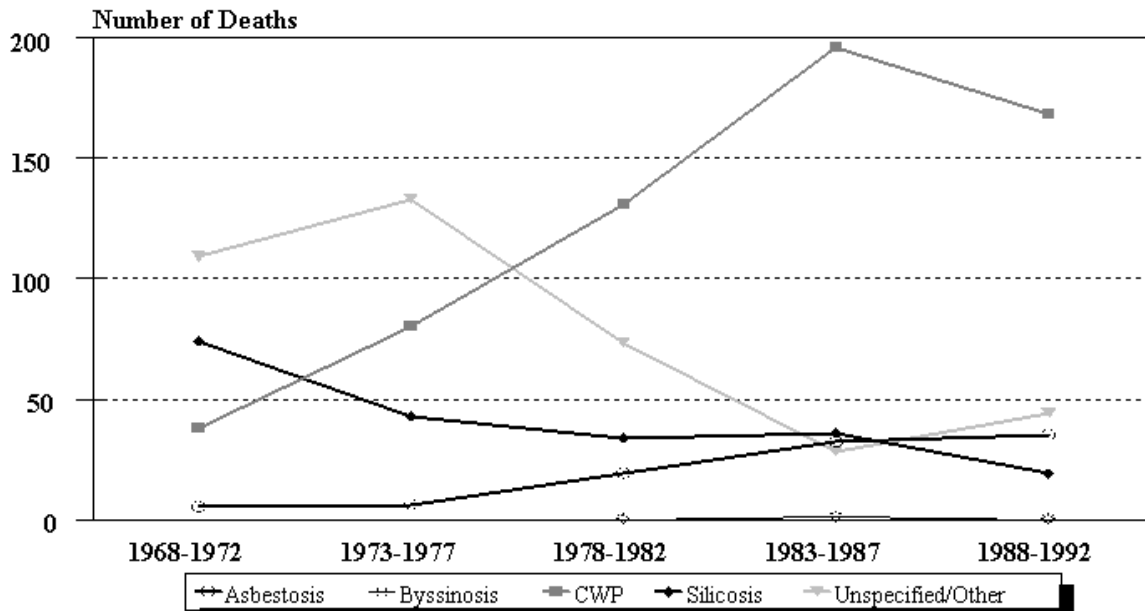
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table TN-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Tennessee residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1,289	100.0	265	100.0
Sex	Male	1,252	97.1	253	95.5
	Female	37	2.9	12	4.5
Race	White	1,235	95.8	252	95.1
	Black	54	4.2	13	4.9
	Other	0	0.0	0	0.0
Age	15-24	1	0.1	1	0.4
	25-34	2	0.2	0	0.0
	35-44	12	0.9	2	0.8
	45-54	41	3.2	5	1.9
	55-64	212	16.4	27	10.2
	65-74	472	36.6	85	32.1
	75-84	428	33.2	105	39.6
	85+	121	9.4	40	15.1
Mean age		72.0		74.9	
Range for age		21-99		21-99	

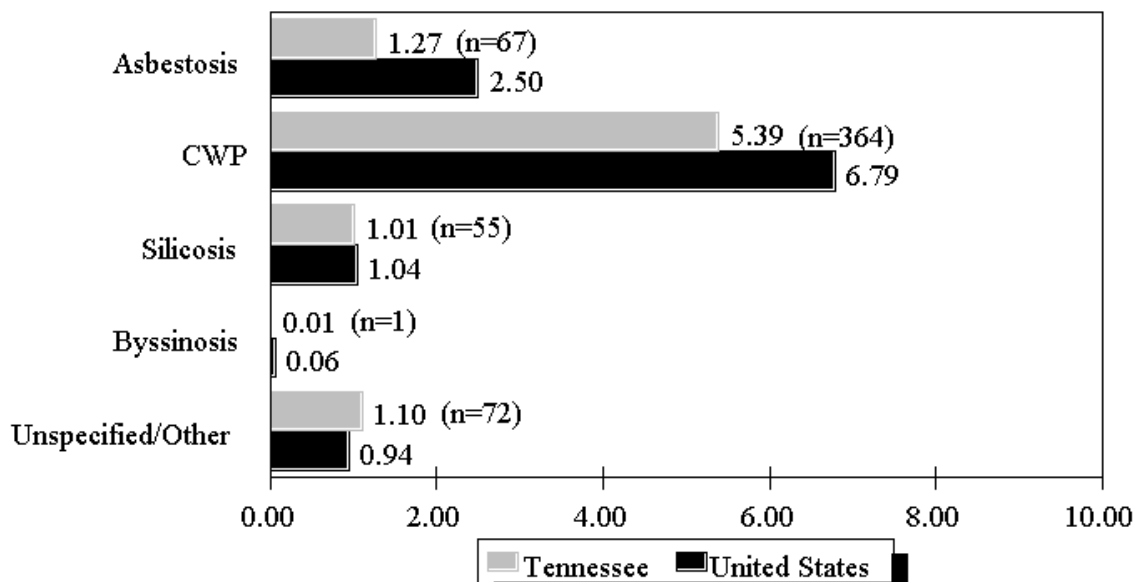
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure TN-3. Pneumoconiosis deaths by condition, Tennessee residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure TN-4. Tennessee and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table TN-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Tennessee residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Anderson	3	3.85	43	42.69	-	-	-	-	9	8.25	54	53.51
Bedford	1	3.09	-	-	-	-	-	-	1	3.09	2	6.19
Benton	1	2.47	1	2.47	1	2.47	-	-	-	-	3	7.42
Bledsoe	-	-	6	51.21	-	-	-	-	-	-	6	51.21
Blount	2	1.69	3	2.81	-	-	1	0.57	1	1.12	7	6.20
Bradley	3	4.67	1	1.56	1	1.56	-	-	-	-	5	7.78
Campbell	-	-	72	135.24	3	6.60	-	-	7	11.77	82	153.61
Cannon	-	-	-	-	1	8.61	-	-	-	-	1	8.61
Carroll	1	1.27	1	1.27	-	-	-	-	-	-	2	2.53
Carter	-	-	3	3.51	1	0.87	-	-	-	-	4	4.38
Chester	1	7.63	-	-	-	-	-	-	-	-	1	7.63
Claiborne	1	2.08	26	84.27	3	9.89	-	-	5	15.87	33	104.30
Cocke	-	-	1	1.80	-	-	-	-	-	-	1	1.80
Cumberland	-	-	6	9.89	-	-	-	-	2	2.57	8	12.46
Davidson	5	0.89	-	-	1	0.22	-	-	2	0.33	8	1.45
Decatur	1	7.44	-	-	-	-	-	-	-	-	1	7.44
Dickson	2	4.66	-	-	-	-	-	-	-	-	2	4.66
Fayette	-	-	-	-	-	-	-	-	1	1.88	1	1.88
Fentress	-	-	6	29.63	-	-	-	-	2	13.38	8	43.01
Franklin	-	-	1	1.39	-	-	-	-	-	-	1	1.39
Grainger	-	-	5	23.56	-	-	-	-	-	-	5	23.56
Greene	1	0.88	5	5.16	3	5.62	-	-	1	2.33	10	13.99
Grundy	-	-	17	94.66	1	7.53	-	-	1	10.56	19	112.75
Hamblen	2	3.95	9	14.13	-	-	-	-	-	-	11	18.08
Hamilton	5	1.54	5	1.41	4	1.23	-	-	5	1.41	19	5.59
Hancock	-	-	2	19.33	-	-	-	-	-	-	2	19.33
Hawkins	1	2.24	7	15.34	-	-	-	-	4	5.80	12	23.38
Henry	1	2.68	-	-	-	-	-	-	1	1.19	2	3.87
Jackson	-	-	-	-	1	8.96	-	-	-	-	1	8.96
Jefferson	-	-	2	4.46	1	2.88	-	-	-	-	3	7.34
Johnson	1	2.84	4	11.35	-	-	-	-	1	2.84	6	17.02
Knox	6	1.74	12	2.79	9	1.90	-	-	1	0.16	27	6.42
Loudon	-	-	1	2.89	2	4.44	-	-	1	1.55	4	8.87

See footnotes at end of table.

## Tennessee

**Table TN-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Tennessee residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
McMinn	1	3.24	-	-	-	-	-	-	-	-	1	3.24
McNairy	1	3.94	1	1.71	-	-	-	-	-	-	2	5.65
Marion	-	-	9	29.83	-	-	-	-	2	6.41	11	36.24
Maury	4	7.20	1	1.86	2	2.75	-	-	-	-	7	11.81
Meigs	-	-	1	8.02	-	-	-	-	1	13.11	2	21.13
Monroe	-	-	-	-	1	3.25	-	-	-	-	1	3.25
Montgomery	1	1.54	6	6.72	2	1.82	-	-	-	-	9	10.08
Moore	-	-	-	-	1	19.94	-	-	-	-	1	19.94
Morgan	-	-	17	79.52	1	6.38	-	-	-	-	18	85.90
Overton	-	-	3	15.29	-	-	-	-	-	-	3	15.29
Polk	-	-	2	7.18	-	-	-	-	-	-	2	7.18
Putnam	1	2.09	5	7.18	1	1.00	-	-	2	4.17	9	14.45
Rhea	2	8.22	4	9.93	1	4.11	-	-	-	-	7	22.26
Roane	4	8.16	15	15.99	-	-	-	-	3	3.94	22	28.09
Robertson	1	1.28	-	-	-	-	-	-	-	-	1	1.28
Rutherford	2	2.63	1	0.72	-	-	-	-	-	-	3	3.35
Scott	1	5.90	7	29.44	-	-	-	-	2	8.84	10	44.18
Sequatchie	1	12.65	5	42.29	-	-	-	-	-	-	6	54.95
Sevier	-	-	3	5.22	1	2.02	-	-	-	-	4	7.24
Shelby	1	0.15	2	0.30	7	1.06	-	-	1	0.15	11	1.66
Smith	-	-	1	6.38	-	-	-	-	-	-	1	6.38
Sullivan	3	1.36	23	11.30	1	0.37	-	-	8	4.48	35	17.51
Sumner	1	0.68	1	1.23	-	-	-	-	-	-	2	1.91
Unicoi	-	-	2	4.74	3	9.73	-	-	1	4.99	6	19.45
Union	1	8.75	4	26.46	-	-	-	-	1	4.48	6	39.69
Van Buren	-	-	1	11.69	-	-	-	-	-	-	1	11.69
Warren	-	-	1	1.38	-	-	-	-	-	-	1	1.38
Washington	2	2.14	6	4.23	-	-	-	-	1	0.52	9	6.89
Wayne	-	-	1	3.25	-	-	-	-	-	-	1	3.25
Weakley	-	-	-	-	1	2.99	-	-	1	1.15	2	4.14
White	-	-	1	2.05	-	-	-	-	2	4.10	3	6.15
Williamson	1	1.78	-	-	1	1.06	-	-	1	1.06	3	3.91
Wilson	1	1.90	2	2.13	-	-	-	-	1	1.06	4	5.09

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Texas: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	426	10
Crude mortality rate (per 1,000,000 population)	6.59	32
Age-adjusted mortality rate (per 1,000,000 population)	4.81	28
Total years of potential life lost to life expectancy	5,537	10
Years of potential life lost to life expectancy (per death)	13.0	9

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	335	78.6
Coal workers' pneumoconiosis	33	7.7
Silicosis	45	10.6
Byssinosis	1	0.2
Unspecified/Other pneumoconiosis	18	4.2

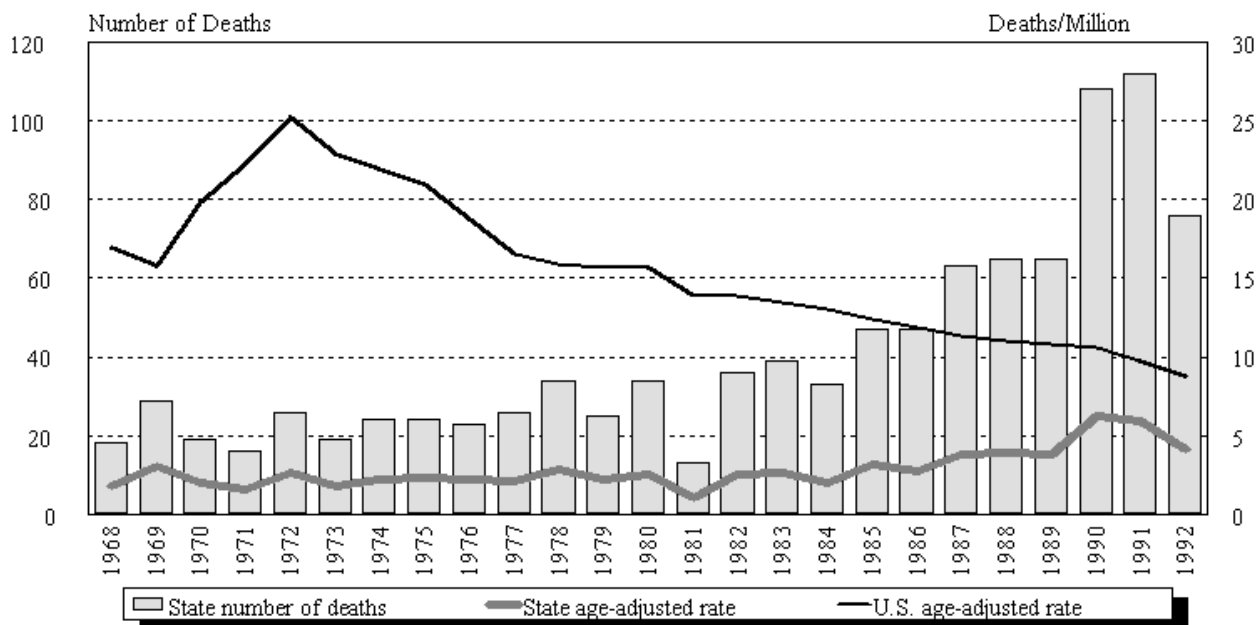
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure TX-1. All pneumoconioses: Texas and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Texas

**Table TX-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Texas residents age 15 and over, 1968-1992**

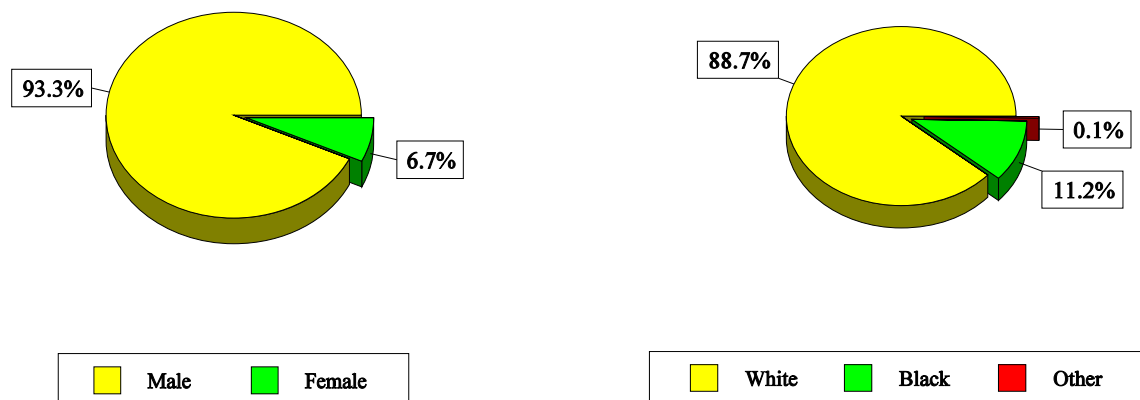
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	2	0.22	2	0.20	8	0.75			6	0.64	18	1.81
1969	2	0.21	3	0.26	15	1.58			10	1.04	29	3.02
1970	2	0.22	2	0.23	7	0.71			9	0.97	19	2.01
1971	-	-	1	0.05	9	0.87			6	0.64	16	1.56
1972	6	0.62	-	-	12	1.17			10	1.08	26	2.68
1973	1	0.11	4	0.33	6	0.60			8	0.79	19	1.82
1974	4	0.41	5	0.39	7	0.66			8	0.73	24	2.18
1975	3	0.31	3	0.24	11	1.13			8	0.71	24	2.30
1976	6	0.55	3	0.21	10	1.00			4	0.41	23	2.17
1977	4	0.36	6	0.38	7	0.66			9	0.76	26	2.16
1978	4	0.28	2	0.14	13	1.20			16	1.27	34	2.83
1979	12	1.10	6	0.48	5	0.47	-	-	2	0.13	25	2.18
1980	8	0.67	4	0.26	16	1.23	-	-	6	0.41	34	2.57
1981	6	0.47	5	0.43	-	-	-	-	2	0.15	13	1.05
1982	12	0.94	12	0.73	12	0.91	-	-	2	0.06	36	2.53
1983	19	1.29	7	0.40	8	0.63	-	-	5	0.28	39	2.60
1984	12	0.79	8	0.45	11	0.68	1	0.08	1	0.07	33	2.06
1985	26	1.73	11	0.67	5	0.37	-	-	5	0.39	47	3.16
1986	25	1.42	7	0.36	14	0.87	1	0.07	1	0.07	47	2.73
1987	48	2.85	1	0.04	10	0.70	-	-	4	0.18	63	3.77
1988	46	2.68	7	0.37	12	0.81	-	-	2	0.15	65	3.87
1989	49	2.83	5	0.22	4	0.33	1	0.04	6	0.36	65	3.79
1990	91	5.29	5	0.17	7	0.52	-	-	6	0.36	108	6.28
1991	95	5.04	7	0.26	11	0.64	-	-	1	0.02	112	5.88
1992	54	3.01	9	0.35	11	0.62	-	-	3	0.19	76	4.08

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure TX-2. All pneumoconioses: Distribution of deaths by sex and race, Texas residents age 15 and over, 1968-1992**



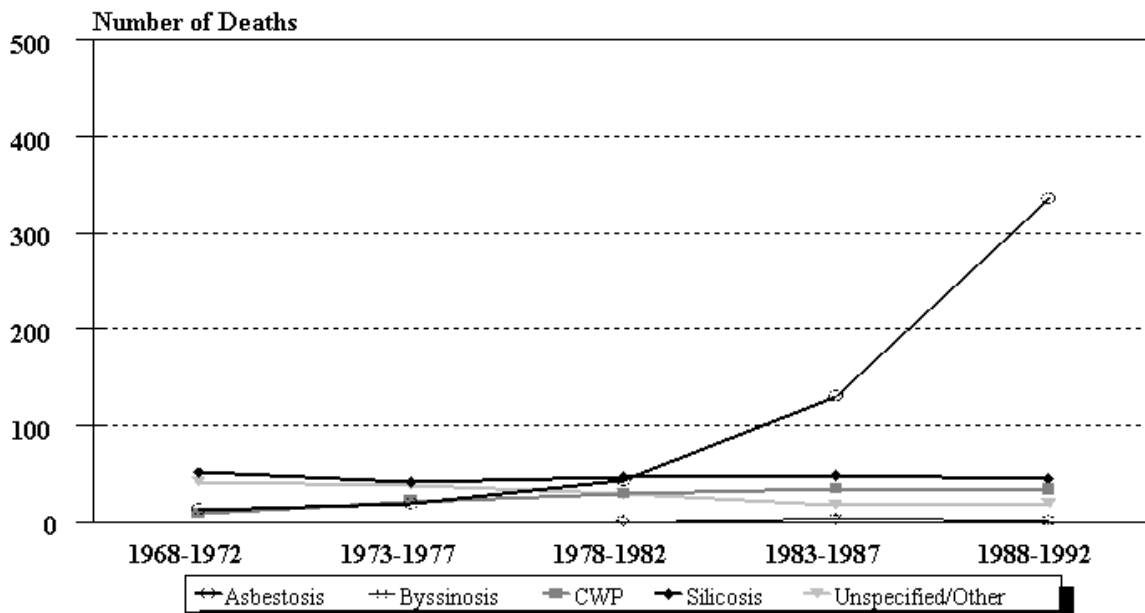
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table TX-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Texas residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1,021	100.0	426	100.0
Sex	Male	953	93.3	406	95.3
	Female	68	6.7	20	4.7
Race	White	906	88.7	383	89.9
	Black	114	11.2	43	10.1
	Other	1	0.1	0	0.0
Age	15-24	8	0.8	1	0.2
	25-34	4	0.4	1	0.2
	35-44	13	1.3	1	0.2
	45-54	82	8.0	18	4.2
	55-64	178	17.4	59	13.8
	65-74	364	35.7	152	35.7
	75-84	304	29.8	156	36.6
	85+	68	6.7	38	8.9
Mean age		69.7		72.5	
Range for age		20-95		22-93	

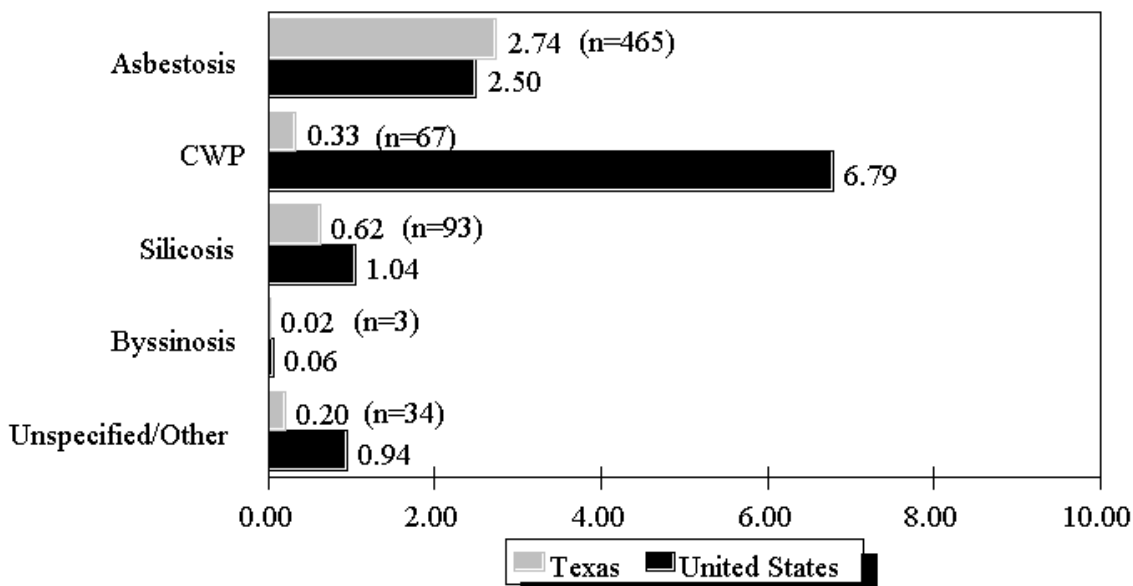
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure TX-3. Pneumoconiosis deaths by condition, Texas residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure TX-4. Texas and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table TX-3 (page 1 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Texas residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Anderson	1	2.40	-	-	-	-	-	-	-	-	1	2.40
Angelina	5	6.67	-	-	4	6.15	-	-	-	-	9	12.82
Aransas	1	3.96	-	-	-	-	-	-	-	-	1	3.96
Atascosa	-	-	1	1.85	-	-	-	-	-	-	1	1.85
Austin	1	4.51	-	-	-	-	-	-	-	-	1	4.51
Bastrop	1	1.30	-	-	3	7.10	-	-	-	-	4	8.40
Bee	2	9.19	-	-	-	-	-	-	-	-	2	9.19
Bell	1	0.80	-	-	-	-	-	-	-	-	1	0.80
Bexar	8	0.68	2	0.17	9	0.79	-	-	1	0.06	20	1.71
Bosque	-	-	-	-	1	4.74	-	-	-	-	1	4.74
Brazoria	16	10.62	-	-	-	-	-	-	-	-	16	10.62
Brazos	3	4.95	-	-	-	-	-	-	-	-	3	4.95
Burleson	2	8.31	1	2.46	-	-	-	-	-	-	3	10.77
Burnet	1	1.25	-	-	-	-	-	-	-	-	1	1.25
Cameron	1	0.49	1	0.49	3	1.02	-	-	-	-	5	2.00
Carson	-	-	2	19.77	-	-	-	-	-	-	2	19.77
Chambers	3	15.72	-	-	1	6.31	-	-	-	-	4	22.04
Cherokee	4	7.38	-	-	2	6.02	-	-	-	-	6	13.40
Clay	1	3.42	-	-	-	-	-	-	-	-	1	3.42
Collin	1	0.51	-	-	-	-	-	-	-	-	1	0.51
Comal	3	4.22	-	-	-	-	-	-	1	1.69	4	5.91
Comanche	1	1.72	-	-	-	-	-	-	-	-	1	1.72
Cooke	1	3.05	-	-	-	-	-	-	-	-	1	3.05
Coryell	1	3.14	-	-	-	-	-	-	-	-	1	3.14
Dallas	23	1.53	3	0.14	4	0.25	1	0.05	2	0.12	32	2.04
Denton	1	0.51	2	1.03	-	-	-	-	-	-	3	1.54
Duval	1	7.78	-	-	-	-	-	-	-	-	1	7.78
Ector	1	1.00	1	1.23	-	-	-	-	1	1.00	3	3.22
El Paso	3	0.49	1	0.16	3	0.65	-	-	3	0.65	10	1.95
Erath	-	-	1	6.54	1	3.85	-	-	-	-	2	10.39
Falls	1	1.48	-	-	1	1.48	-	-	-	-	2	2.96
Fannin	1	3.06	-	-	-	-	-	-	-	-	1	3.06
Foard	1	38.68	-	-	-	-	-	-	-	-	1	38.68

See footnotes at end of table.

## Texas

**Table TX-3 (page 2 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Texas residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Fort Bend	2	1.69	-	-	-	-	-	-	-	-	2	1.69
Freestone	1	5.25	-	-	1	1.75	-	-	-	-	2	7.00
Galveston	23	9.32	1	0.51	4	2.00	-	-	2	0.84	29	12.03
Gonzales	-	-	1	1.82	-	-	-	-	1	1.82	2	3.64
Grayson	1	0.39	1	0.96	-	-	-	-	1	0.39	3	1.73
Gregg	7	5.92	-	-	-	-	-	-	-	-	7	5.92
Grimes	-	-	-	-	1	5.33	-	-	-	-	1	5.33
Guadalupe	2	2.68	-	-	1	1.75	-	-	-	-	3	4.42
Hale	-	-	1	1.41	1	3.10	-	-	-	-	2	4.51
Hall	-	-	-	-	1	16.20	-	-	-	-	1	16.20
Hardin	5	8.15	-	-	-	-	-	-	-	-	5	8.15
Harris	74	3.52	12	0.52	21	1.08	-	-	2	0.08	107	5.09
Harrison	2	3.38	1	1.79	1	1.79	-	-	-	-	4	6.96
Hemphill	-	-	-	-	-	-	-	-	1	10.93	1	10.93
Henderson	5	4.55	-	-	1	1.22	-	-	-	-	6	5.78
Hidalgo	1	0.19	-	-	1	0.36	-	-	-	-	2	0.56
Hill	1	1.02	-	-	1	1.02	-	-	-	-	2	2.05
Hockley	-	-	1	5.03	-	-	-	-	-	-	1	5.03
Hood	1	2.85	-	-	-	-	-	-	-	-	1	2.85
Houston	1	1.39	-	-	1	3.97	-	-	-	-	2	5.36
Howard	-	-	-	-	-	-	-	-	1	1.41	1	1.41
Hunt	-	-	1	0.68	-	-	-	-	-	-	1	0.68
Hutchinson	3	8.36	-	-	-	-	-	-	-	-	3	8.36
Jasper	11	28.75	1	1.30	-	-	-	-	-	-	12	30.05
Jefferson	73	22.14	1	0.20	9	3.58	-	-	1	0.59	83	26.12
Jim Wells	-	-	1	1.48	-	-	-	-	-	-	1	1.48
Johnson	3	3.38	-	-	-	-	-	-	1	1.45	4	4.83
Kerr	4	2.83	-	-	-	-	-	-	-	-	4	2.83
Lavaca	1	3.94	-	-	-	-	-	-	-	-	1	3.94
Leon	2	11.39	-	-	-	-	-	-	1	13.03	3	24.43
Liberty	3	5.94	-	-	-	-	-	-	1	1.98	4	7.92
Limestone	1	1.38	-	-	-	-	-	-	1	1.38	2	2.77

See footnotes at end of table.

**Table TX-3 (page 3 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Texas residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Live Oak	1	4.32	-	-	-	-	-	-	-	-	1	4.32
Llano	-	-	3	7.35	-	-	-	-	-	-	3	7.35
Lubbock	2	1.18	-	-	1	0.31	1	0.59	1	0.59	5	2.68
McCulloch	1	9.28	-	-	-	-	1	9.28	-	-	2	18.56
McLennan	9	3.13	-	-	1	0.56	-	-	-	-	10	3.69
Madison	1	9.40	1	3.08	1	3.08	-	-	-	-	2	12.48
Mason	1	19.60	-	-	-	-	-	-	-	-	1	19.60
Matagorda	1	2.91	-	-	-	-	-	-	-	-	1	2.91
Maverick	1	2.51	-	-	-	-	-	-	-	-	1	2.51
Midland	1	0.77	1	1.16	-	-	-	-	-	-	2	1.93
Mills	-	-	1	4.47	-	-	-	-	-	-	1	4.47
Mitchell	-	-	-	-	-	-	-	-	1	9.32	1	9.32
Montgomery	5	3.59	3	1.79	2	1.28	-	-	-	-	10	6.66
Morris	-	-	1	2.71	-	-	-	-	-	-	1	2.71
Nacogdoches	-	-	-	-	1	2.30	-	-	1	2.30	2	4.60
Navarro	-	-	1	0.79	1	0.79	-	-	1	0.79	3	2.36
Newton	2	10.53	-	-	-	-	-	-	1	6.88	3	17.41
Nueces	10	3.92	4	0.99	-	-	-	-	-	-	14	4.91
Orange	50	56.05	2	2.23	1	0.91	-	-	-	-	52	58.28
Palo Pinto	2	2.87	-	-	-	-	-	-	-	-	2	2.87
Panola	1	1.73	1	4.16	-	-	-	-	-	-	2	5.89
Parker	1	1.79	-	-	-	-	-	-	-	-	1	1.79
Reeves	-	-	-	-	1	7.33	-	-	-	-	1	7.33
Rockwall	-	-	1	5.90	-	-	-	-	-	-	1	5.90
Rusk	3	3.59	-	-	-	-	-	-	-	-	3	3.59
Sabine	2	11.59	-	-	1	3.07	-	-	-	-	3	14.66
San Jacinto	1	4.91	-	-	-	-	-	-	-	-	1	4.91
Shelby	2	2.77	1	3.61	-	-	-	-	-	-	3	6.38
Smith	11	7.28	-	-	-	-	-	-	1	0.67	12	7.95
Starr	-	-	1	4.19	-	-	-	-	-	-	1	4.19
Tarrant	8	0.79	6	0.54	5	0.57	-	-	2	0.20	21	2.09
Taylor	1	0.97	-	-	-	-	-	-	1	0.97	2	1.94

See footnotes at end of table.

**Texas**

**Table TX-3 (page 4 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Texas residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Tom Green	-	-	-	-	-	-	-	-	1	1.15	1	1.15
Travis	5	1.35	-	-	-	-	-	-	1	0.26	6	1.61
Trinity	1	2.72	-	-	-	-	-	-	-	-	1	2.72
Tyler	3	8.16	-	-	-	-	-	-	-	-	3	8.16
Upshur	2	6.04	1	1.31	-	-	-	-	-	-	3	7.35
Val Verde	-	-	-	-	-	-	-	-	1	2.03	1	2.03
Van Zandt	2	4.20	-	-	-	-	-	-	-	-	2	4.20
Victoria	6	8.39	-	-	-	-	-	-	-	-	6	8.39
Waller	-	-	-	-	1	2.40	-	-	-	-	1	2.40
Washington	2	7.61	-	-	-	-	-	-	-	-	2	7.61
Wharton	1	2.51	-	-	-	-	-	-	-	-	1	2.51
Wichita	3	1.66	-	-	-	-	-	-	1	0.40	4	2.06
Wilbarger	1	5.49	-	-	-	-	-	-	-	-	1	5.49
Wilson	1	5.09	-	-	-	-	-	-	-	-	1	5.09
Wise	1	3.11	-	-	-	-	-	-	-	-	1	3.11
Wood	2	4.98	1	1.02	-	-	-	-	-	-	3	6.00
Yoakum	-	-	-	-	1	14.71	-	-	-	-	1	14.71
Young	-	-	1	1.61	-	-	-	-	-	-	1	1.61
Zapata	1	5.35	-	-	-	-	-	-	-	-	1	5.35

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Utah: Selected statistics from the United States section

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
<b>Total deaths</b>	<b>111</b>	<b>26</b>
<b>Crude mortality rate (per 1,000,000 population)</b>	<b>18.67</b>	<b>10</b>
<b>Age-adjusted mortality rate (per 1,000,000 population)</b>	<b>11.88</b>	<b>7</b>
<b>Total years of potential life lost to life expectancy</b>	<b>1,119</b>	<b>29</b>
<b>Years of potential life lost to life expectancy (per death)</b>	<b>10.1</b>	<b>48</b>

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
<b>Asbestosis</b>	<b>10</b>	<b>9.0</b>
<b>Coal workers' pneumoconiosis</b>	<b>73</b>	<b>65.8</b>
<b>Silicosis</b>	<b>18</b>	<b>16.2</b>
<b>Byssinosis</b>	<b>0</b>	<b>0.0</b>
<b>Unspecified/Other pneumoconiosis</b>	<b>11</b>	<b>9.9</b>

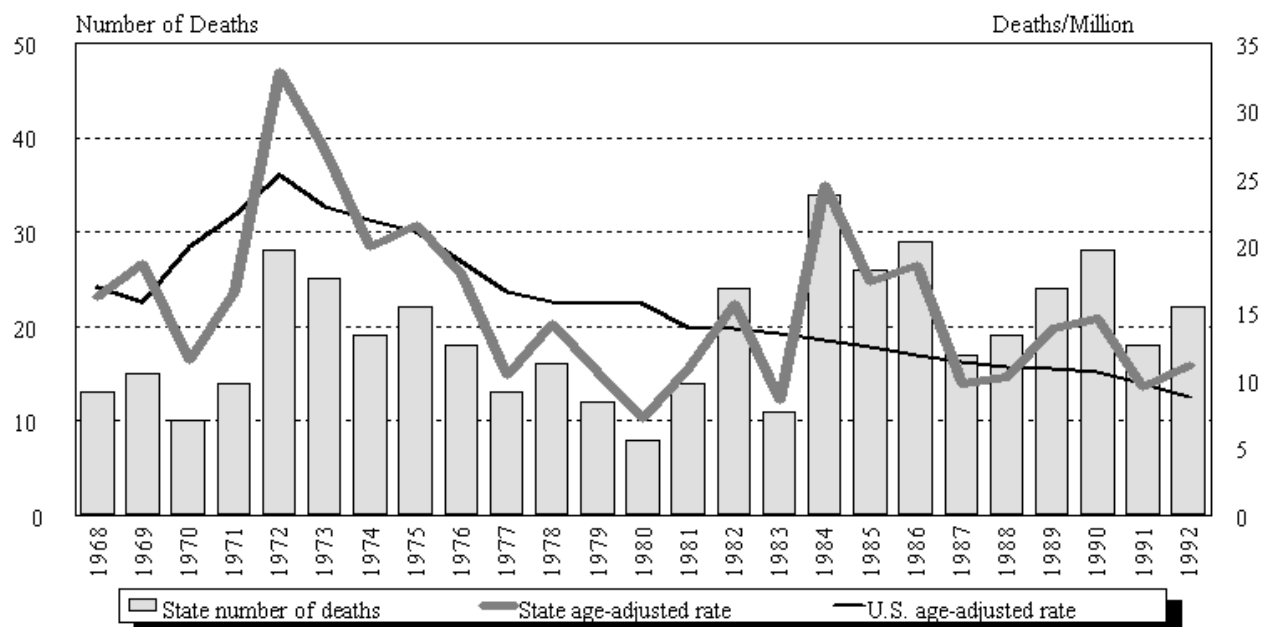
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure UT-1. All pneumoconioses: Utah and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

# Utah

**Table UT-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Utah residents age 15 and over, 1968-1992**

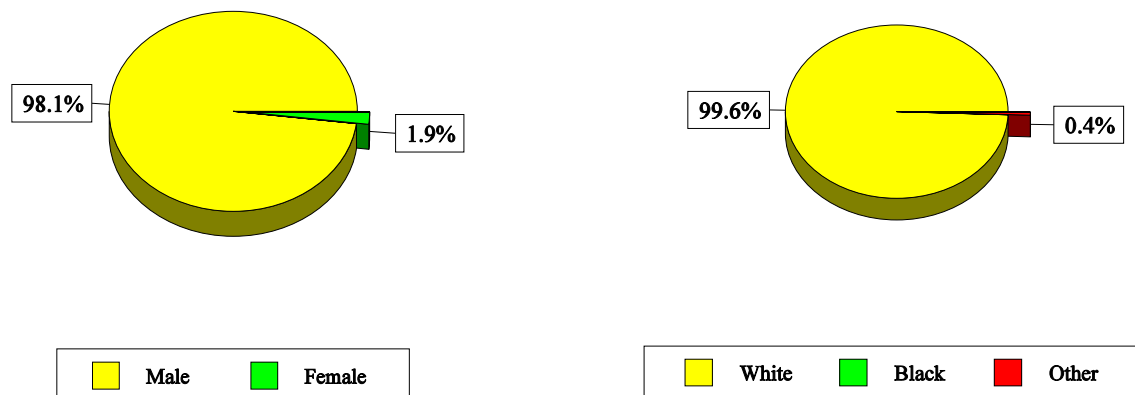
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	10	12.61			4	4.97	13	16.25
1969	-	-	3	3.56	10	13.22			2	1.96	15	18.73
1970	-	-	-	-	5	5.65			5	5.87	10	11.51
1971	-	-	-	-	11	13.68			5	5.43	14	16.53
1972	-	-	-	-	12	13.20			16	19.65	28	32.84
1973	-	-	4	4.30	13	13.61			8	9.13	25	27.04
1974	-	-	3	3.72	8	7.73			8	8.44	19	19.90
1975	-	-	5	4.16	8	8.29			10	10.15	22	21.47
1976	-	-	2	2.18	11	10.31			5	5.34	18	17.82
1977	-	-	3	3.02	9	6.83			1	0.48	13	10.33
1978	1	1.01	4	4.04	5	4.44			6	4.76	16	14.26
1979	-	-	3	2.68	3	2.68	-	-	6	5.26	12	10.63
1980	1	0.95	1	0.95	5	4.62	-	-	1	0.70	8	7.22
1981	2	1.57	6	4.72	3	2.24	-	-	3	2.48	14	11.01
1982	1	0.36	14	9.89	6	3.90	-	-	4	2.23	24	15.75
1983	1	0.84	4	3.04	4	2.63	-	-	2	1.99	11	8.50
1984	1	0.58	17	12.80	9	6.72	-	-	7	4.43	34	24.52
1985	-	-	14	8.54	9	6.40	-	-	3	2.33	26	17.26
1986	2	0.84	16	10.02	4	2.40	-	-	7	5.31	29	18.57
1987	2	1.28	12	6.98	2	1.04	-	-	1	0.52	17	9.82
1988	1	0.76	16	8.44	1	0.50	-	-	1	0.50	19	10.21
1989	2	1.74	14	7.17	6	3.24	-	-	2	1.66	24	13.81
1990	3	1.68	18	9.21	2	1.27	-	-	5	2.48	28	14.64
1991	-	-	12	6.84	5	2.21	-	-	1	0.46	18	9.50
1992	4	2.02	13	6.29	4	2.57	-	-	2	0.68	22	11.11

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure UT-2. All pneumoconioses: Distribution of deaths by sex and race, Utah residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
SOURCE: National Center for Health Statistics multiple cause of death data.

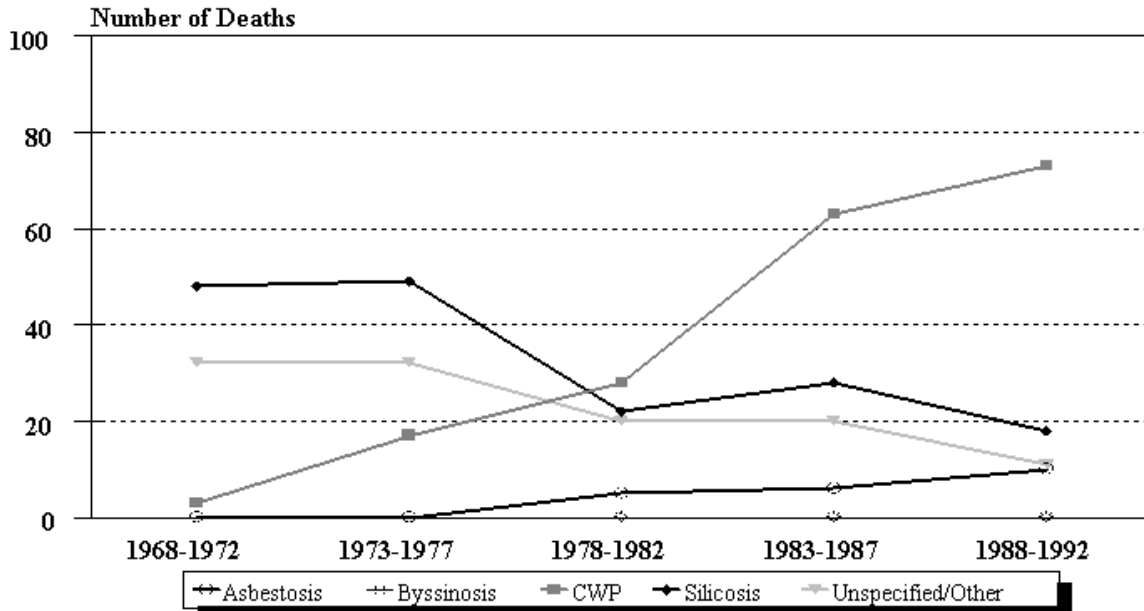
**Table UT-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Utah residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		479	100.0	111	100.0
Sex	Male	470	98.1	110	99.1
	Female	9	1.9	1	0.9
Race	White	477	99.6	110	99.1
	Black	0	0.0	0	0.0
	Other	2	0.4	1	0.9
Age	15-24	1	0.2	0	0.0
	25-34	1	0.2	0	0.0
	35-44	0	0.0	0	0.0
	45-54	5	1.0	1	0.9
	55-64	51	10.6	5	4.5
	65-74	179	37.4	27	24.3
	75-84	193	40.3	61	55.0
	85+	49	10.2	17	15.3
Mean age		74.2		77.8	
Range for age		15-96		53-96	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

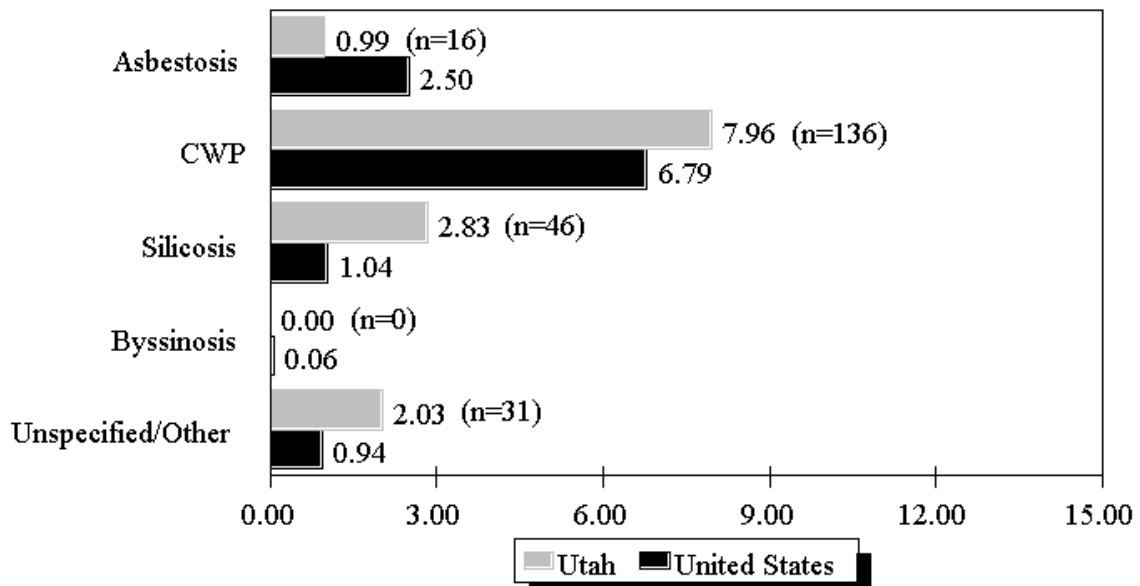
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure UT-3. Pneumoconiosis deaths by condition, Utah residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure UT-4. Utah and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table UT-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Utah residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Box Elder	-	-	-	-	1	3.61	-	-	-	-	1	3.61
Cache	-	-	-	-	1	1.03	-	-	-	-	1	1.03
Carbon	-	-	74	270.72	1	5.16	-	-	22	87.02	97	362.90
Davis	-	-	3	2.41	-	-	-	-	-	-	3	2.41
Emery	-	-	15	149.91	-	-	-	-	1	15.06	16	164.97
Grand	-	-	1	10.34	2	24.87	-	-	-	-	3	35.21
Iron	1	3.61	-	-	-	-	-	-	-	-	1	3.61
Juab	-	-	-	-	1	7.22	-	-	-	-	1	7.22
Salt Lake	12	1.76	18	2.33	22	3.40	-	-	4	0.55	56	8.04
San Juan	-	-	1	14.13	-	-	-	-	-	-	1	14.13
Sanpete	-	-	2	5.60	-	-	-	-	-	-	2	5.60
Sevier	-	-	1	3.00	-	-	-	-	-	-	1	3.00
Summit	-	-	1	13.20	3	34.59	-	-	1	8.19	5	55.98
Tooele	-	-	1	3.41	2	8.30	-	-	1	4.89	4	16.61
Uintah	-	-	1	6.52	-	-	-	-	-	-	1	6.52
Utah	3	2.22	8	3.72	8	4.45	-	-	2	0.82	21	11.21
Washington	-	-	6	5.87	2	1.96	-	-	-	-	7	6.85
Weber	-	-	4	2.69	3	1.56	-	-	-	-	7	4.25

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Vermont: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992		Value	State rank
Total deaths		28	43
Crude mortality rate (per 1,000,000 population)		12.67	15
Age-adjusted mortality rate (per 1,000,000 population)		6.73	18
Total years of potential life lost to life expectancy		274	44
Years of potential life lost to life expectancy (per death)		9.8	50

Deaths by type of pneumoconiosis, 1988-1992		Deaths*	Percent** distribution
Asbestosis		5	17.9
Coal workers' pneumoconiosis		4	14.3
Silicosis		16	57.1
Byssinosis		0	0.0
Unspecified/Other pneumoconiosis		3	10.7

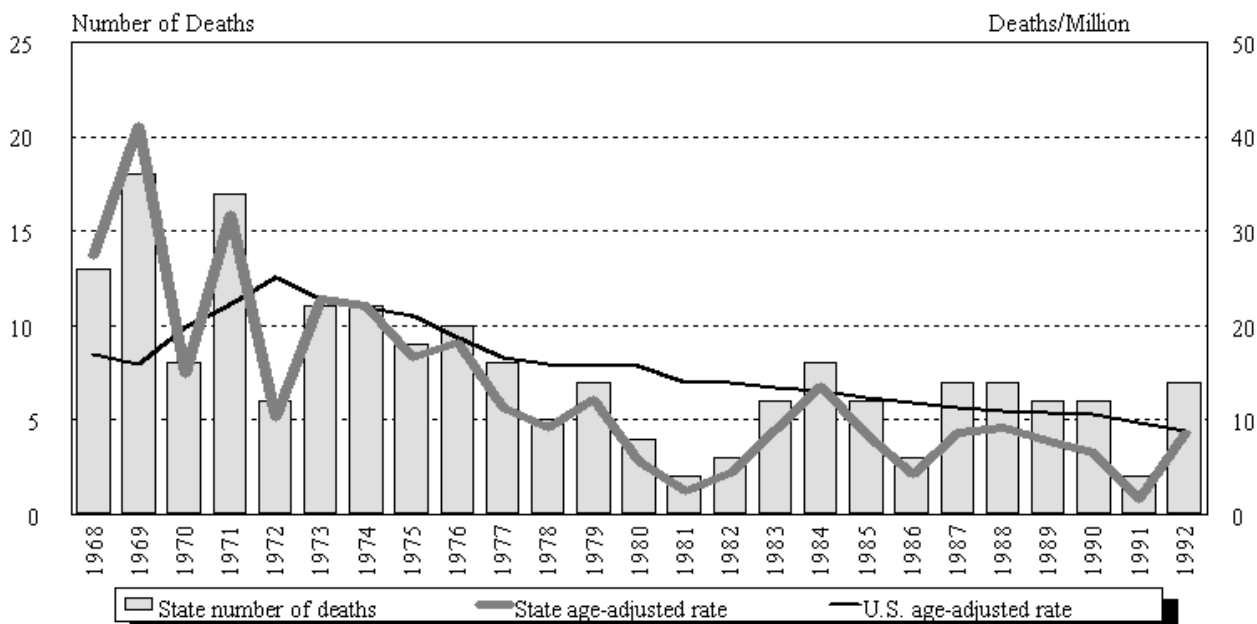
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure VT-1. All pneumoconioses: Vermont and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Vermont

**Table VT-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Vermont residents age 15 and over, 1968-1992**

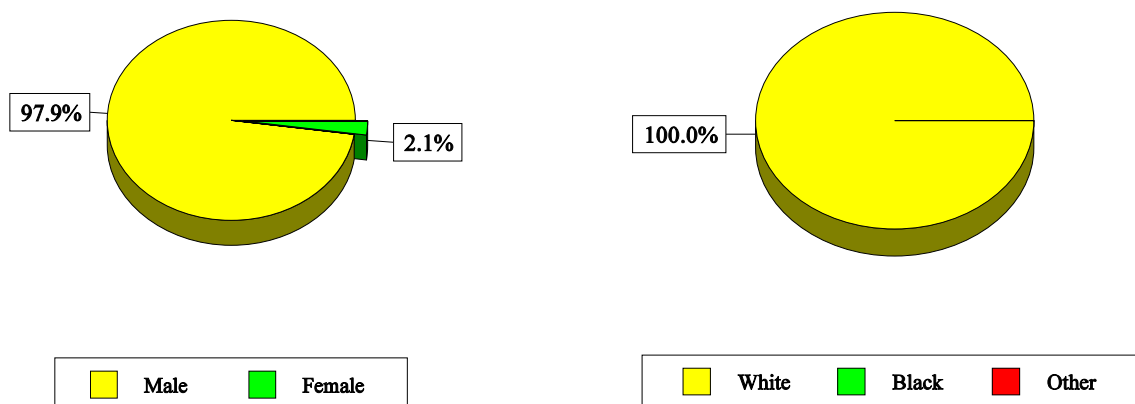
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	11	22.06			2	5.39	13	27.45
1969	2	4.96	-	-	16	36.16			1	2.69	18	41.12
1970	-	-	-	-	6	11.84			2	3.08	8	14.92
1971	-	-	1	0.88	10	17.87			7	15.32	17	31.84
1972	-	-	-	-	2	4.39			4	5.89	6	10.28
1973	-	-	-	-	9	17.99			2	4.78	11	22.77
1974	-	-	-	-	11	22.13			-	-	11	22.13
1975	-	-	-	-	7	12.42			2	4.15	9	16.57
1976	-	-	-	-	8	14.14			2	4.07	10	18.22
1977	-	-	-	-	6	8.69			3	4.01	8	11.36
1978	-	-	-	-	2	3.27			3	5.91	5	9.18
1979	2	3.88	-	-	5	8.38	-	-	-	-	7	12.26
1980	-	-	-	-	4	5.66	-	-	-	-	4	5.66
1981	-	-	-	-	2	2.50	-	-	-	-	2	2.50
1982	1	1.89	-	-	2	2.45	-	-	-	-	3	4.34
1983	1	2.35	1	1.21	3	3.63	-	-	1	1.87	6	9.05
1984	1	1.86	-	-	5	6.52	-	-	2	5.14	8	13.52
1985	1	1.85	1	0.55	3	4.88	1	1.18	-	-	6	8.46
1986	1	1.83	-	-	-	-	-	-	2	2.32	3	4.16
1987	2	2.89	1	1.81	3	2.87	1	1.14	-	-	7	8.70
1988	1	1.11	2	2.30	2	2.22	-	-	2	3.56	7	9.20
1989	-	-	1	1.09	4	4.35	-	-	1	2.37	6	7.81
1990	1	1.07	-	-	5	5.44	-	-	-	-	6	6.51
1991	-	-	1	0.48	1	1.04	-	-	-	-	2	1.52
1992	3	3.91	-	-	4	4.78	-	-	-	-	7	8.69

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure VT-2. All pneumoconioses: Distribution of deaths by sex and race, Vermont residents age 15 and over, 1968-1992**



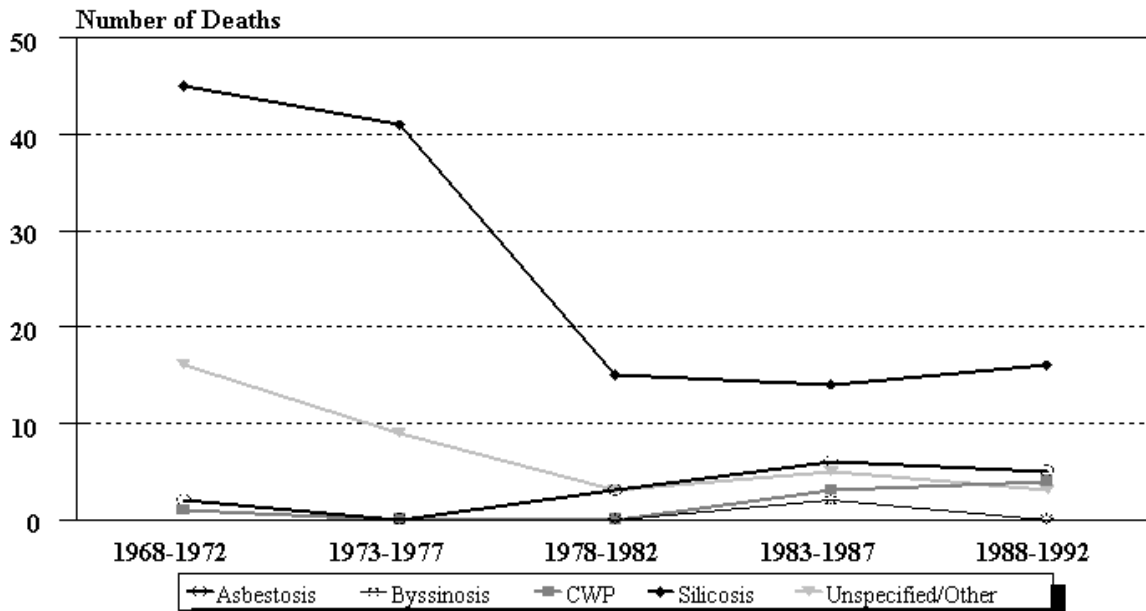
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table VT-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Vermont residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		190	100.0	28	100.0
Sex	Male	186	97.9	26	92.9
	Female	4	2.1	2	7.1
Race	White	190	100.0	28	100.0
	Black	0	0.0	0	0.0
	Other	0	0.0	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	0	0.0	0	0.0
	45-54	2	1.1	0	0.0
	55-64	21	11.1	1	3.6
	65-74	81	42.6	7	25.0
	75-84	68	35.8	16	57.1
	85+	18	9.5	4	14.3
Mean age		74.0		78.4	
Range for age		49-96		64-88	

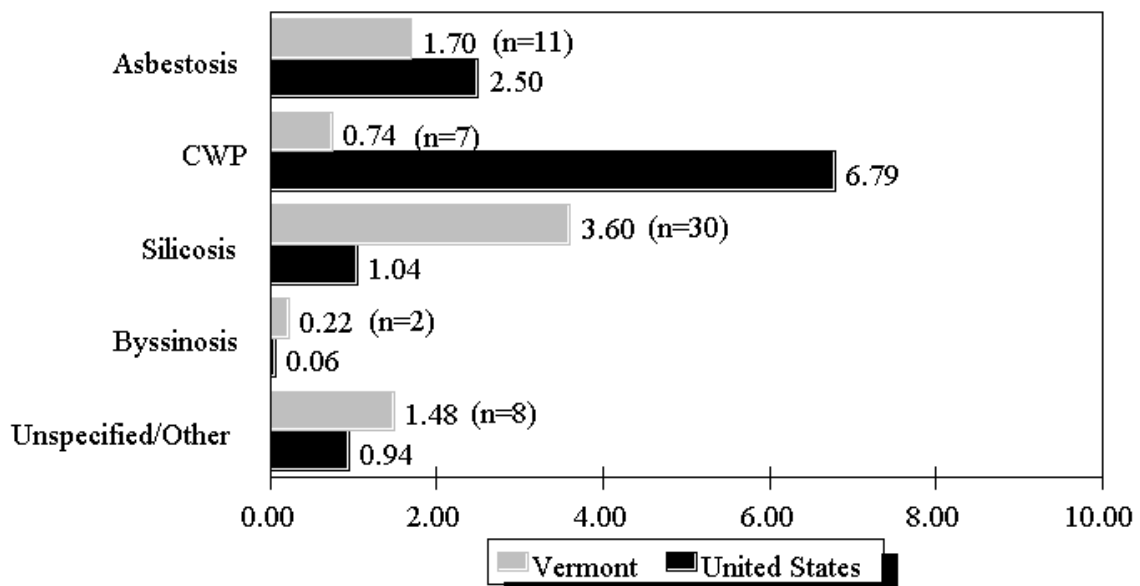
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure VT-3. Pneumoconiosis deaths by condition, Vermont residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure VT-4. Vermont and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table VT-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Vermont residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Bennington	1	2.81	1	1.13	-	-	-	-	-	-	2	3.94
Caledonia	1	3.89	-	-	1	1.78	-	-	1	3.89	3	9.56
Chittenden	2	2.39	-	-	1	0.62	-	-	-	-	3	3.01
Essex	-	-	1	7.92	-	-	-	-	-	-	1	7.92
Franklin	2	6.27	-	-	-	-	-	-	1	3.13	3	9.40
Grand Isle	-	-	-	-	-	-	1	12.28	-	-	1	12.28
Lamoille	3	12.78	1	3.11	1	3.11	-	-	1	6.56	6	25.56
Orleans	-	-	-	-	1	2.04	-	-	-	-	1	2.04
Rutland	-	-	2	1.49	10	12.18	-	-	3	4.74	15	18.40
Washington	-	-	1	2.12	15	15.40	1	0.86	-	-	17	18.38
Windham	2	2.26	-	-	1	1.13	-	-	-	-	3	3.39
Windsor	-	-	1	1.81	-	-	-	-	2	2.65	3	4.46

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.





## Virginia: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	980	3
Crude mortality rate (per 1,000,000 population)	39.76	4
Age-adjusted mortality rate (per 1,000,000 population)	28.00	4
Total years of potential life lost to life expectancy	12,282	3
Years of potential life lost to life expectancy (per death)	12.5	14

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	196	20.0
Coal workers' pneumoconiosis	715	73.0
Silicosis	14	1.4
Byssinosis	2	0.2
Unspecified/Other pneumoconiosis	54	5.5

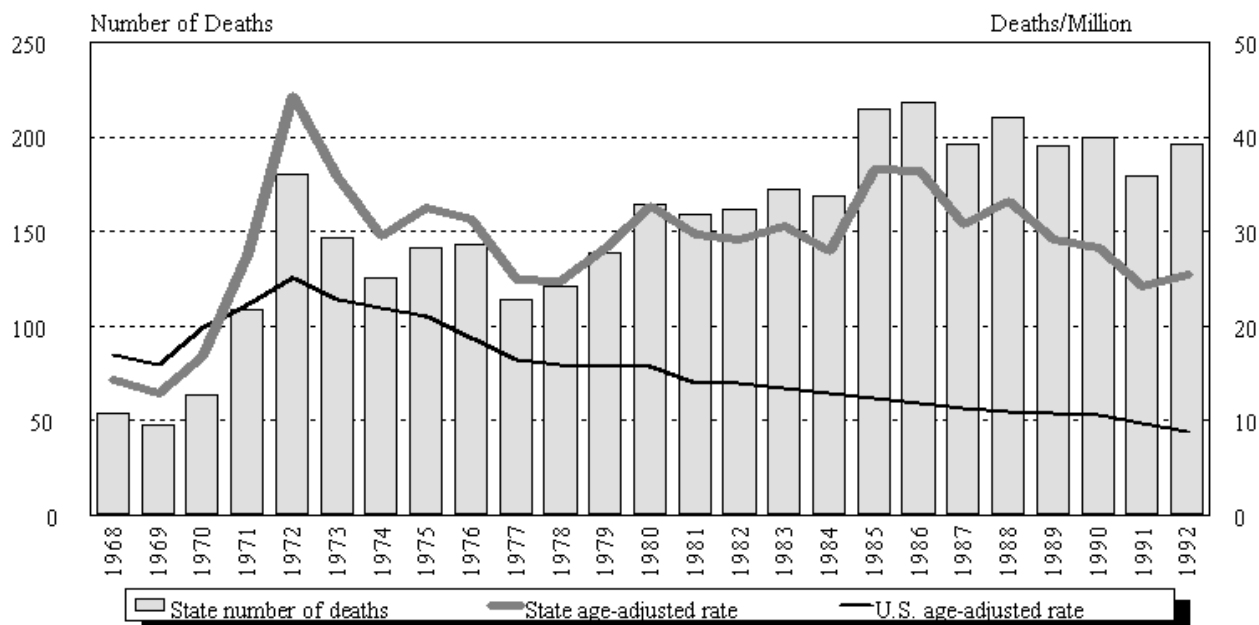
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure VA-1. All pneumoconioses: Virginia and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

# Virginia

**Table VA-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Virginia residents age 15 and over, 1968-1992**

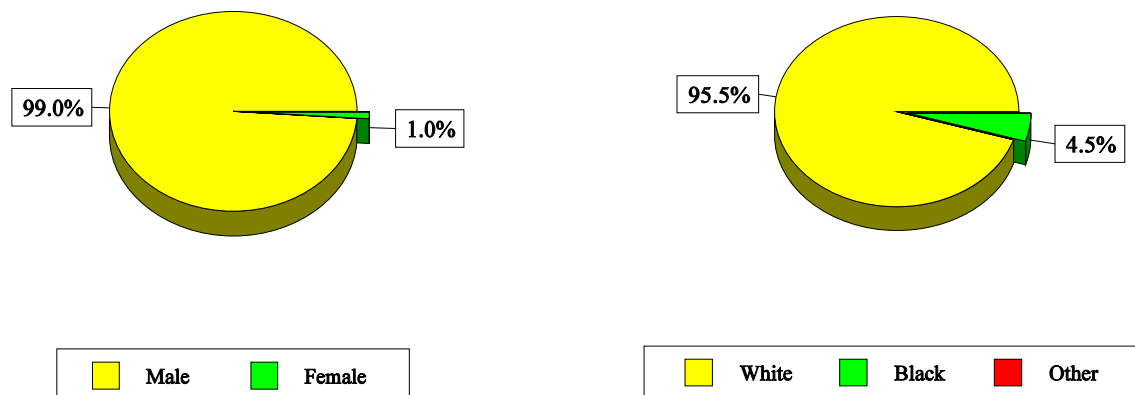
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	2	0.57	3	0.77	38	10.27			11	2.78	54	14.38
1969	1	0.28	4	1.04	35	9.44			8	2.08	48	12.84
1970	4	1.12	10	2.58	15	3.91			37	9.68	64	16.81
1971	1	0.27	46	11.65	15	3.82			50	12.67	109	27.64
1972	2	0.58	48	11.77	38	9.26			94	23.20	180	44.29
1973	2	0.59	45	10.94	22	5.21			80	19.40	147	35.69
1974	2	0.49	43	9.72	22	5.26			59	14.16	125	29.45
1975	5	1.19	55	12.96	17	3.84			65	14.73	141	32.49
1976	3	0.69	55	12.11	20	4.33			68	14.74	143	31.20
1977	9	1.88	40	8.75	13	2.87			56	12.24	114	24.89
1978	8	1.65	49	9.99	14	3.08			54	10.84	121	24.74
1979	13	2.75	46	9.57	7	1.34	-	-	73	14.63	139	28.28
1980	14	2.94	56	11.36	8	1.70	-	-	86	16.70	164	32.70
1981	11	2.14	66	12.40	10	1.87	-	-	72	13.35	159	29.76
1982	11	2.08	110	19.68	7	1.26	-	-	35	6.20	162	29.08
1983	18	3.26	129	22.98	7	1.22	-	-	19	3.11	172	30.49
1984	14	2.43	133	22.03	7	1.30	-	-	16	2.31	169	27.93
1985	27	4.81	167	28.20	5	0.70	1	0.21	16	2.69	215	36.54
1986	24	4.13	169	28.22	8	1.16	-	-	17	2.93	218	36.44
1987	22	3.46	150	23.55	11	1.67	1	0.21	14	2.14	196	30.73
1988	35	5.58	157	24.81	2	0.19	-	-	16	2.56	210	33.13
1989	35	5.37	146	21.85	4	0.56	-	-	10	1.45	195	29.23
1990	47	6.71	131	18.48	3	0.44	2	0.27	17	2.38	200	28.28
1991	36	5.20	134	18.07	2	0.32	-	-	7	0.69	179	24.28
1992	43	6.19	147	18.57	3	0.38	-	-	4	0.43	196	25.46

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure VA-2. All pneumoconioses: Distribution of deaths by sex and race, Virginia residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data.

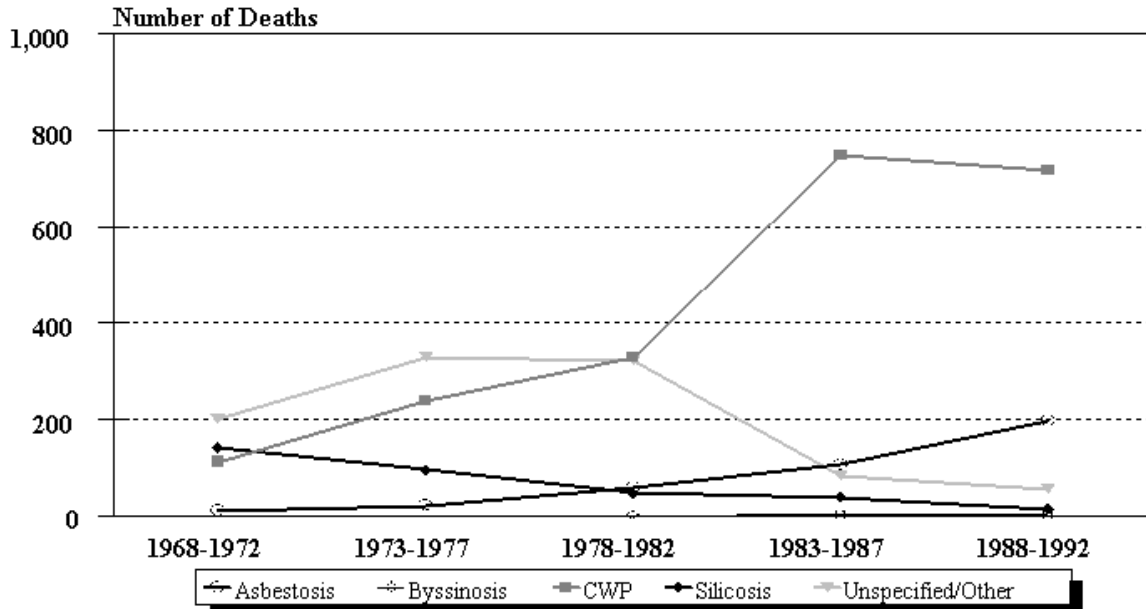
**Table VA-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Virginia residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		3,820	100.0	980	100.0
Sex	Male	3,781	99.0	966	98.6
	Female	39	1.0	14	1.4
Race	White	3,650	95.5	939	95.8
	Black	170	4.5	41	4.2
	Other	0	0.0	0	0.0
Age	15-24	2	0.1	0	0.0
	25-34	9	0.2	0	0.0
	35-44	44	1.2	5	0.5
	45-54	202	5.3	25	2.6
	55-64	832	21.8	141	14.4
	65-74	1,427	37.4	349	35.6
	75-84	1,044	27.3	358	36.5
	85+	260	6.8	102	10.4
Mean age		69.9		73.3	
Range for age		22-103		39-103	

NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

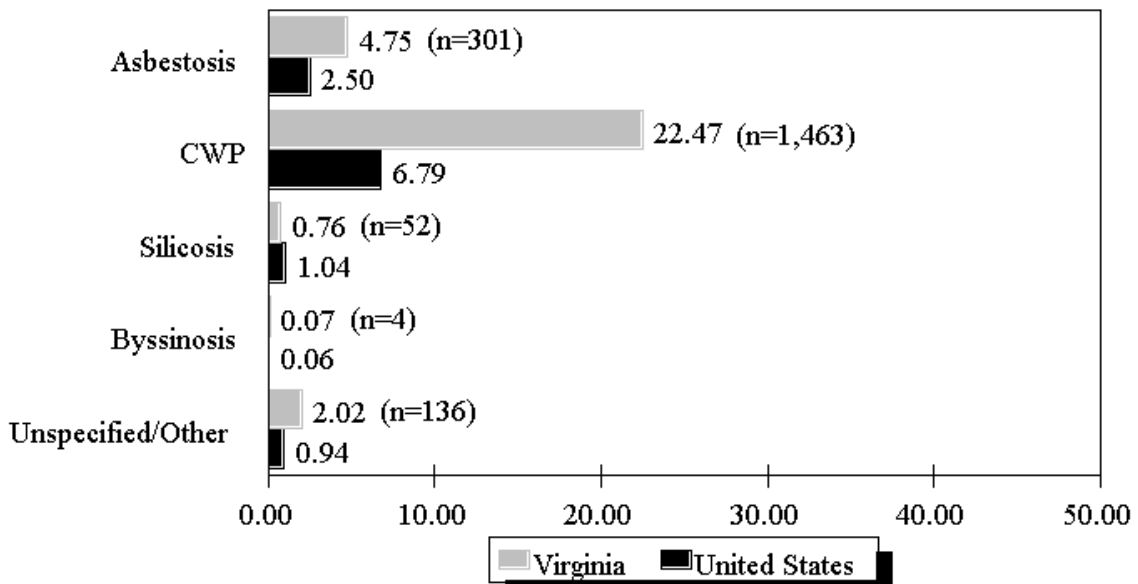
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure VA-3. Pneumoconiosis deaths by condition, Virginia residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure VA-4. Virginia and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table VA-3 (page 1 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Virginia residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Accomack	2	4.93	1	1.11	-	-	-	-	-	-	3	6.04
Albemarle	-	-	3	3.37	-	-	-	-	1	1.94	4	5.31
Alleghany	-	-	1	4.15	-	-	-	-	-	-	1	4.15
Amherst	-	-	-	-	3	7.52	-	-	2	5.52	5	13.03
Arlington	2	0.68	4	2.08	-	-	-	-	-	-	6	2.76
Augusta	4	6.27	3	4.32	-	-	-	-	-	-	7	10.60
Bedford	-	-	5	10.48	-	-	-	-	-	-	5	10.48
Bland	-	-	5	59.66	-	-	-	-	1	7.59	6	67.25
Botetourt	2	7.86	-	-	1	2.48	-	-	-	-	3	10.34
Buchanan	1	3.95	292	1036.86	-	-	-	-	7	26.49	300	1067.29
Buckingham	2	11.02	1	3.60	-	-	-	-	1	3.60	4	18.22
Campbell	-	-	-	-	1	2.20	-	-	-	-	1	2.20
Caroline	-	-	2	8.81	-	-	-	-	-	-	2	8.81
Carroll	3	4.63	6	12.50	1	3.16	-	-	2	4.70	12	24.99
Chesterfield	5	3.93	2	1.47	-	-	-	-	-	-	7	5.40
Clarke	-	-	1	8.14	1	8.14	-	-	-	-	2	16.28
Craig	1	21.36	-	-	-	-	-	-	-	-	1	21.36
Culpeper	-	-	2	8.38	-	-	-	-	-	-	2	8.38
Dickinson	-	-	128	613.86	-	-	-	-	9	36.07	137	649.94
Dinwiddie	1	4.65	-	-	-	-	-	-	-	-	1	4.65
Fairfax	1	0.14	7	1.27	2	0.35	-	-	2	0.36	11	1.95
Fauquier	-	-	1	2.73	-	-	-	-	1	2.73	2	5.45
Floyd	-	-	1	3.16	-	-	-	-	1	7.38	2	10.54
Fluvanna	1	7.99	-	-	1	4.96	-	-	-	-	2	12.95
Franklin	1	1.38	4	9.84	-	-	-	-	-	-	5	11.21
Frederick	-	-	-	-	1	3.01	-	-	-	-	1	3.01
Giles	2	5.47	4	13.07	1	2.73	-	-	2	7.60	9	28.87
Gloucester	2	7.90	1	2.08	-	-	-	-	-	-	3	9.98
Goochland	-	-	1	4.40	-	-	-	-	-	-	1	4.40
Grayson	-	-	1	5.00	-	-	-	-	-	-	1	5.00
Greensville	-	-	1	8.20	1	8.20	-	-	3	30.40	4	38.59
Halifax	1	4.69	1	2.96	2	4.40	-	-	-	-	4	12.04
Hanover	4	6.12	-	-	-	-	-	-	-	-	4	6.12

See footnotes at end of table.

## Virginia

**Table VA-3 (page 2 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Virginia residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Henrico	6	2.36	-	-	-	-	-	-	-	-	6	2.36
Henry	-	-	6	7.34	1	1.12	-	-	-	-	7	8.46
Highland	-	-	-	-	1	12.63	-	-	-	-	1	12.63
Isle of Wight	10	41.83	-	-	-	-	-	-	-	-	10	41.83
James City	-	-	1	3.23	-	-	-	-	-	-	1	3.23
King and Queen	1	13.53	-	-	-	-	-	-	-	-	1	13.53
Lancaster	1	5.47	-	-	-	-	-	-	-	-	1	5.47
Lee	-	-	80	217.51	-	-	-	-	10	28.43	90	245.94
Loudoun	-	-	2	2.75	-	-	-	-	1	2.20	3	4.95
Louisa	-	-	-	-	1	4.77	-	-	-	-	1	4.77
Mathews	1	7.98	-	-	-	-	-	-	-	-	1	7.98
Mecklenburg	3	7.94	-	-	1	2.65	-	-	-	-	4	10.59
Middlesex	1	7.70	1	7.70	-	-	-	-	1	7.70	3	23.09
Montgomery	-	-	1	1.14	1	1.14	-	-	-	-	2	2.29
Nelson	-	-	1	3.39	-	-	-	-	-	-	1	3.39
Northampton	1	2.44	-	-	1	5.44	-	-	-	-	2	7.89
North-umberland	1	5.46	-	-	-	-	-	-	-	-	1	5.46
Nottoway	1	2.34	1	2.34	-	-	-	-	-	-	2	4.67
Orange	-	-	2	4.49	-	-	-	-	-	-	2	4.49
Page	-	-	1	4.16	-	-	-	-	-	-	1	4.16
Patrick	1	2.26	3	9.47	-	-	-	-	-	-	4	11.73
Pittsylvania	1	1.25	1	0.73	2	1.98	-	-	1	0.73	5	4.69
Powhatan	1	6.42	1	9.01	-	-	-	-	-	-	2	15.43
Prince Edward	-	-	1	2.48	-	-	-	-	-	-	1	2.48
Prince George	1	5.49	1	5.49	-	-	-	-	1	5.49	2	10.98
Prince William	2	2.64	4	5.49	-	-	-	-	1	1.42	7	9.55
Pulaski	2	5.38	10	21.69	1	2.69	-	-	1	1.39	14	31.15
Roanoke	2	1.29	3	2.54	-	-	-	-	-	-	5	3.83
Rockbridge	-	-	1	3.22	1	4.64	-	-	1	4.64	3	12.50
Rockingham	2	1.78	-	-	1	0.89	-	-	-	-	3	2.67
Russell	-	-	114	335.83	1	3.47	-	-	10	27.13	125	366.43

See footnotes at end of table.

**Table VA-3 (page 3 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Virginia residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Scott	1	3.55	29	69.42	-	-	-	-	5	10.30	35	83.27
Smyth	-	-	14	27.06	1	1.39	-	-	-	-	15	28.45
Southampton	-	-	1	3.00	1	3.00	-	-	-	-	2	6.00
Spotsylvania	3	7.16	2	5.08	-	-	-	-	-	-	5	12.24
Stafford	-	-	1	2.31	1	2.31	-	-	-	-	1	2.31
Surry	2	30.47	-	-	-	-	-	-	1	15.24	3	45.71
Tazewell	-	-	285	488.14	3	4.30	2	3.16	23	35.94	313	531.55
Warren	3	11.80	-	-	-	-	-	-	-	-	3	11.80
Washington	2	3.98	49	73.70	1	1.99	-	-	2	2.15	54	81.82
Westmoreland	-	-	1	2.58	-	-	-	-	1	4.83	2	7.41
Wise	-	-	291	575.96	-	-	-	-	24	44.95	315	620.92
Wythe	-	-	3	6.96	1	1.71	-	-	3	10.61	6	17.57
York	4	12.18	1	3.35	-	-	-	-	-	-	5	15.53
<b>Independent cities:</b>												
Alexandria	3	2.90	2	1.15	1	1.17	-	-	1	1.16	7	6.38
Bedford	-	-	1	3.39	1	3.39	-	-	-	-	1	3.39
Bristol	1	1.86	4	9.86	-	-	-	-	1	4.28	6	16.00
Buena Vista	-	-	-	-	-	-	-	-	1	6.48	1	6.48
Charlottesville	1	1.23	-	-	1	2.42	-	-	-	-	2	3.65
Chesapeake	29	24.79	-	-	-	-	-	-	-	-	29	24.79
Colonial Heights	1	3.46	-	-	-	-	-	-	-	-	1	3.46
Covington	-	-	-	-	-	-	-	-	1	10.06	1	10.06
Danville	1	0.99	-	-	-	-	1	2.14	1	0.99	3	4.12
Fairfax	-	-	1	5.44	-	-	-	-	-	-	1	5.44
Fredericksburg	1	2.47	-	-	-	-	-	-	-	-	1	2.47
Galax	1	4.22	-	-	-	-	-	-	-	-	1	4.22
Hampton	31	25.34	6	4.79	-	-	-	-	1	0.67	38	30.80
Harrisonburg	2	6.84	-	-	-	-	-	-	-	-	2	6.84
Lynchburg	-	-	2	1.99	5	8.20	-	-	1	0.54	8	10.73
Manassas	-	-	1	9.39	1	5.06	-	-	-	-	2	14.45
Manassas Park	1	30.89	1	30.89	-	-	-	-	-	-	2	61.77

See footnotes at end of table.

**Virginia**

**Table VA-3 (page 4 of 4). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Virginia residents age 15 and over, 1983-1992**

	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
<b>Independent cities:</b>												
Martinsville	1	4.51	2	6.62	-	-	-	-	-	-	3	11.13
Newport News	34	20.80	4	1.98	1	0.49	-	-	1	0.79	40	24.05
Norfolk	25	11.25	3	1.46	1	0.26	-	-	2	0.97	31	13.94
Norton	-	-	28	445.35	-	-	-	-	3	53.04	31	498.39
Petersburg	-	-	1	2.38	-	-	-	-	-	-	1	2.38
Poquoson	8	84.92	1	12.66	-	-	-	-	-	-	9	97.58
Portsmouth	36	28.90	-	-	2	2.09	-	-	-	-	38	30.99
Radford	-	-	1	5.23	-	-	-	-	-	-	1	5.23
Richmond	7	3.04	-	-	1	0.47	-	-	1	0.19	9	3.70
Roanoke	5	2.89	9	4.89	2	1.26	-	-	2	0.74	18	9.79
Salem	-	-	1	1.75	-	-	-	-	1	5.90	2	7.65
Suffolk	12	17.95	1	1.09	-	-	-	-	1	1.09	14	20.12
Virginia Beach	8	3.46	3	1.15	1	0.38	1	0.48	-	-	13	5.47
Waynesboro	2	4.85	1	4.52	-	-	-	-	-	-	3	9.36
Winchester	3	13.05	-	-	-	-	-	-	-	-	3	13.05

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



Washington: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992		
	Value	State rank
Total deaths	243	16
Crude mortality rate (per 1,000,000 population)	12.77	14
Age-adjusted mortality rate (per 1,000,000 population)	7.54	14
Total years of potential life lost to life expectancy	2,755	16
Years of potential life lost to life expectancy (per death)	11.3	37

Deaths by type of pneumoconiosis, 1988-1992		
	Deaths*	Percent** distribution
Asbestosis	195	80.2
Coal workers' pneumoconiosis	15	6.2
Silicosis	22	9.1
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	13	5.3

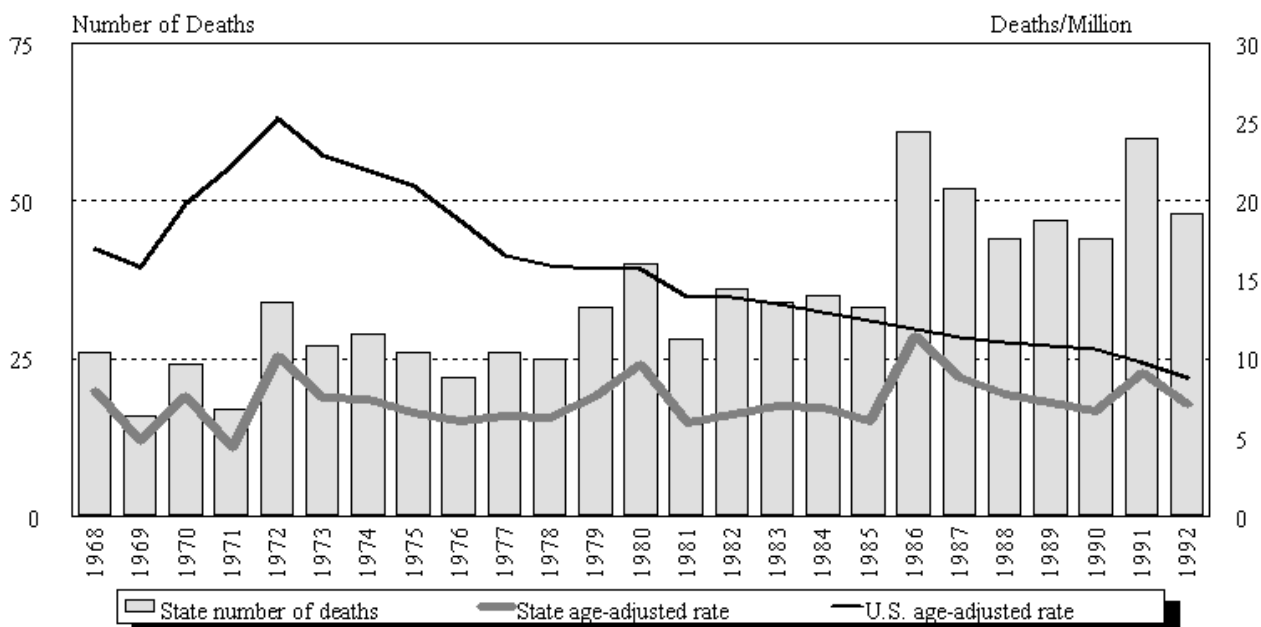
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure WA-1. All pneumoconioses: Washington and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Washington

**Table WA-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Washington residents age 15 and over, 1968-1992**

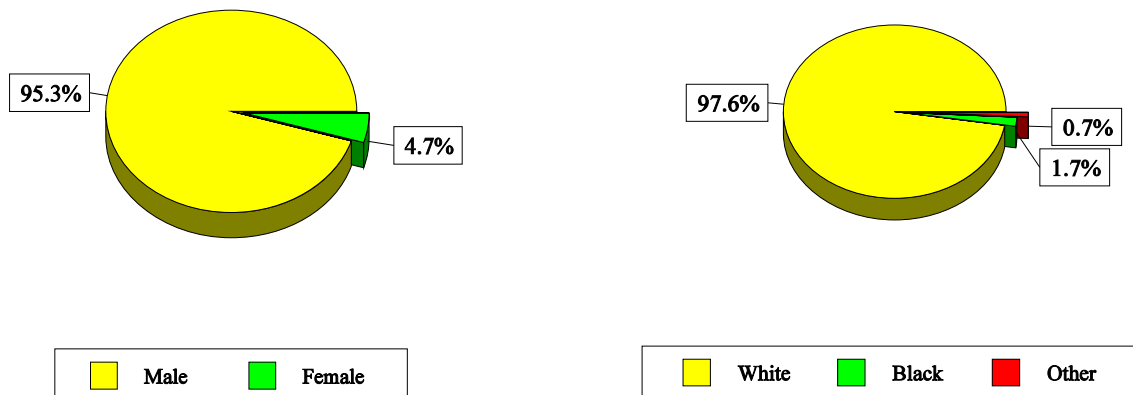
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	6	2.28	1	0.34	17	4.97			2	0.37	26	7.95
1969	-	-	1	0.14	15	4.59			-	-	16	4.73
1970	4	1.43	3	0.90	11	3.31			6	1.99	24	7.64
1971	6	1.70	-	-	9	2.12			2	0.55	17	4.36
1972	8	2.86	2	0.68	14	3.87			10	2.74	34	10.15
1973	10	3.00	3	0.86	12	2.94			2	0.71	27	7.52
1974	7	2.07	4	0.55	9	2.25			10	2.75	29	7.41
1975	8	2.03	2	0.50	12	2.98			4	1.08	26	6.58
1976	12	3.56	-	-	6	1.45			4	1.00	22	6.01
1977	10	2.56	1	0.10	10	2.35			7	1.83	26	6.37
1978	10	2.76	2	0.49	10	2.22			3	0.78	25	6.25
1979	16	3.67	3	0.73	14	3.39	1	0.09	1	0.19	33	7.62
1980	23	6.05	7	1.40	10	2.20	-	-	1	0.09	40	9.65
1981	18	4.04	2	0.17	2	0.35	-	-	6	1.37	28	5.93
1982	20	4.14	6	0.84	10	1.51	-	-	-	-	36	6.48
1983	24	5.18	4	0.72	6	1.14	-	-	-	-	34	7.04
1984	28	5.60	4	0.77	1	0.08	-	-	2	0.44	35	6.88
1985	21	4.08	3	0.23	8	1.54	-	-	1	0.22	33	6.08
1986	47	9.00	7	1.09	6	1.16	-	-	1	0.22	61	11.46
1987	40	6.92	6	0.97	6	0.92	-	-	-	-	52	8.81
1988	34	6.04	4	0.55	6	1.14	-	-	-	-	44	7.73
1989	37	5.57	3	0.46	4	0.60	-	-	3	0.53	47	7.16
1990	34	5.30	6	0.70	-	-	-	-	4	0.67	44	6.68
1991	50	7.54	1	0.12	7	0.99	-	-	3	0.59	60	9.12
1992	40	6.02	1	0.12	5	0.63	-	-	3	0.42	48	7.06

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure WA-2. All pneumoconioses: Distribution of deaths by sex and race, Washington residents age 15 and over, 1968-1992**



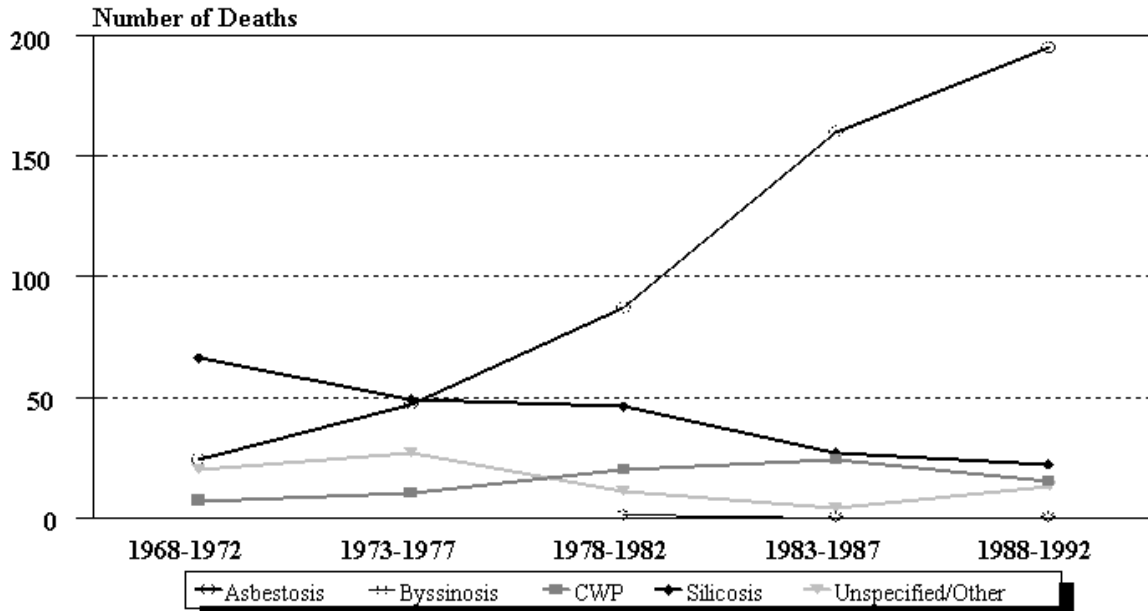
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table WA-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Washington residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		867	100.0	243	100.0
Sex	Male	826	95.3	236	97.1
	Female	41	4.7	7	2.9
Race	White	846	97.6	238	97.9
	Black	15	1.7	4	1.6
	Other	6	0.7	1	0.4
Age	15-24	0	0.0	0	0.0
	25-34	1	0.1	0	0.0
	35-44	5	0.6	2	0.8
	45-54	31	3.6	4	1.6
	55-64	122	14.1	16	6.6
	65-74	301	34.7	81	33.3
	75-84	320	36.9	113	46.5
	85+	87	10.0	27	11.1
	Mean age	72.8		75.3	
	Range for age	25-97		42-97	

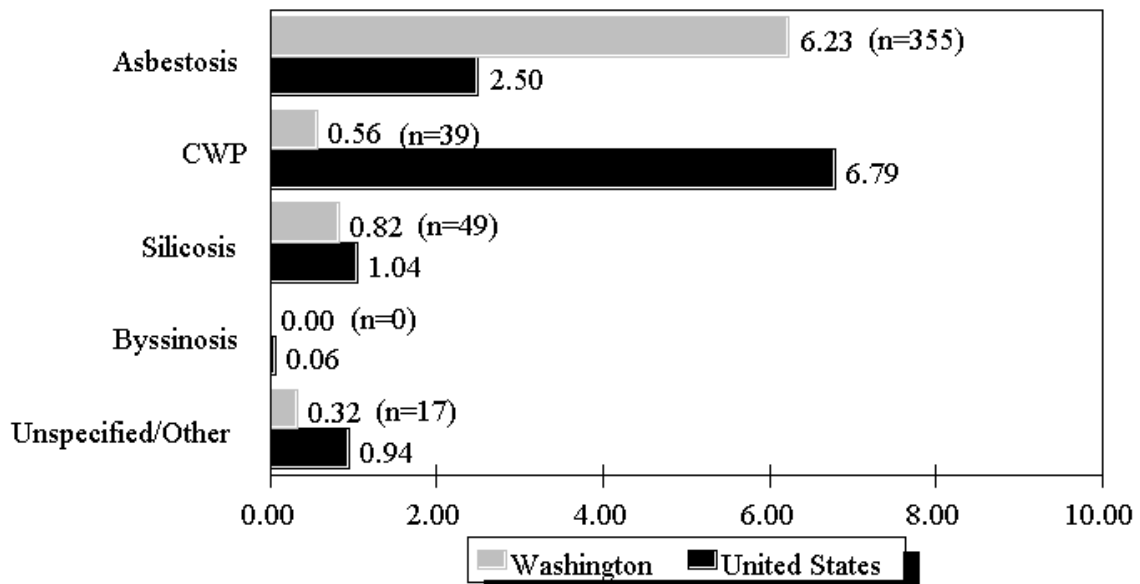
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WA-3. Pneumoconiosis deaths by condition, Washington residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WA-4. Washington and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table WA-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Washington residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Benton	12	11.17	2	1.79	-	-	-	-	1	0.69	15	13.65
Clallam	5	5.61	1	1.43	1	1.43	-	-	1	0.66	8	9.13
Clark	20	8.83	1	0.30	1	0.56	-	-	-	-	22	9.68
Columbia	-	-	1	8.21	1	19.47	-	-	-	-	2	27.68
Cowlitz	7	7.11	2	1.26	2	1.26	-	-	-	-	11	9.62
Douglas	-	-	-	-	2	6.65	-	-	-	-	2	6.65
Ferry	-	-	-	-	1	19.27	-	-	-	-	1	19.27
Franklin	1	3.30	-	-	1	2.10	-	-	-	-	2	5.40
Grant	2	2.26	-	-	1	1.13	-	-	-	-	3	3.39
Grays Harbor	3	2.84	1	0.69	-	-	-	-	-	-	4	3.53
Island	7	9.84	-	-	2	2.24	-	-	-	-	9	12.08
King	104	6.12	11	0.63	8	0.46	-	-	4	0.25	126	7.43
Kitsap	61	33.85	3	1.78	-	-	-	-	-	-	64	35.63
Kittitas	3	8.12	6	13.76	1	1.88	-	-	-	-	10	23.77
Lewis	-	-	-	-	-	-	-	-	2	2.35	2	2.35
Mason	6	11.56	1	1.39	-	-	-	-	-	-	7	12.95
Okanogan	2	4.44	-	-	1	1.42	-	-	-	-	3	5.87
Pacific	1	3.73	-	-	-	-	-	-	-	-	1	3.73
Pend Oreille	-	-	-	-	3	31.45	-	-	-	-	3	31.45
Pierce	41	6.52	4	0.47	6	1.02	-	-	2	0.49	53	8.51
San Juan	1	4.02	-	-	-	-	-	-	1	7.14	2	11.16
Skagit	4	2.32	-	-	1	0.58	-	-	2	1.83	7	4.72
Snohomish	26	6.17	2	0.35	4	0.83	-	-	3	0.80	35	8.14
Spokane	22	5.89	1	0.39	9	2.19	-	-	1	0.31	33	8.78
Stevens	1	1.77	1	3.66	1	3.66	-	-	-	-	3	9.10
Thurston	12	6.21	-	-	-	-	-	-	-	-	12	6.21
Wahkiakum	1	23.49	-	-	-	-	-	-	-	-	1	23.49
Walla Walla	1	2.08	-	-	-	-	-	-	-	-	1	2.08
Whatcom	3	2.35	-	-	1	0.96	-	-	-	-	4	3.31
Whitman	1	3.98	-	-	1	1.70	-	-	-	-	2	5.68
Yakima	8	3.47	2	0.53	1	0.26	-	-	-	-	10	4.00

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



West Virginia: Selected statistics from the United States section

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	1,878	2
Crude mortality rate (per 1,000,000 population)	262.60	1
Age-adjusted mortality rate (per 1,000,000 population)	132.76	1
Total years of potential life lost to life expectancy	22,378	2
Years of potential life lost to life expectancy (per death)	11.9	27

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	86	4.6
Coal workers' pneumoconiosis	1,458	77.6
Silicosis	29	1.5
Byssinosis	1	0.1
Unspecified/Other pneumoconiosis	309	16.5

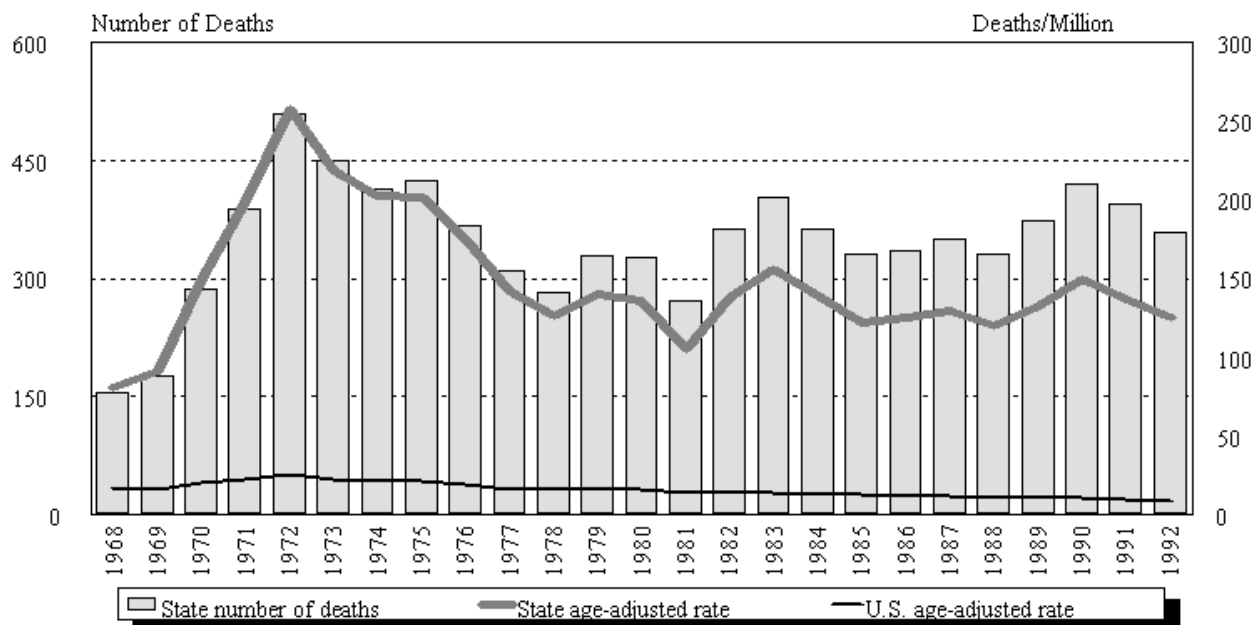
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure WV-1. All pneumoconioses: West Virginia and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## West Virginia

**Table WV-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, West Virginia residents age 15 and over, 1968-1992**

Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	30	15.42	75	38.96			52	27.35	156	80.98
1969	-	-	37	18.75	87	44.50			53	27.93	177	91.17
1970	1	0.59	70	37.10	71	36.74			150	77.68	287	149.51
1971	-	-	109	55.69	55	26.99			231	119.19	388	197.85
1972	-	-	190	98.39	58	27.35			270	136.98	508	257.40
1973	-	-	166	82.93	47	23.65			241	114.89	449	218.87
1974	1	0.58	156	76.84	44	21.96			224	108.88	413	202.07
1975	1	0.75	159	77.85	32	16.11			236	109.52	423	201.41
1976	-	-	148	71.89	32	14.11			190	90.17	366	175.17
1977	1	0.75	125	57.89	17	7.86			169	77.47	309	142.53
1978	2	1.22	115	52.44	24	11.11			144	62.81	283	126.68
1979	2	0.78	153	65.95	10	4.34	-	-	164	69.17	329	140.23
1980	4	1.27	262	109.60	7	2.93	1	0.32	54	22.58	326	135.73
1981	-	-	204	79.21	9	3.84	-	-	59	22.05	272	105.10
1982	4	1.22	315	120.52	7	2.50	-	-	37	14.05	363	138.28
1983	6	2.92	345	133.53	4	1.05	-	-	48	18.64	403	156.14
1984	3	0.87	326	125.56	12	3.87	-	-	25	9.48	363	138.78
1985	5	2.52	281	103.06	5	1.56	-	-	39	14.88	330	122.03
1986	11	4.62	302	111.52	3	0.84	-	-	20	8.23	336	125.21
1987	15	6.14	284	105.23	7	1.98	-	-	46	16.82	350	129.33
1988	15	6.51	255	93.26	5	1.50	-	-	56	19.30	330	120.15
1989	6	2.23	333	116.01	2	0.68	-	-	33	13.20	374	132.13
1990	17	6.42	279	99.02	6	2.42	-	-	118	41.15	420	149.01
1991	20	7.29	308	104.42	12	5.75	1	0.62	58	20.03	395	136.44
1992	28	10.02	283	96.58	4	1.76	-	-	44	16.49	359	124.85

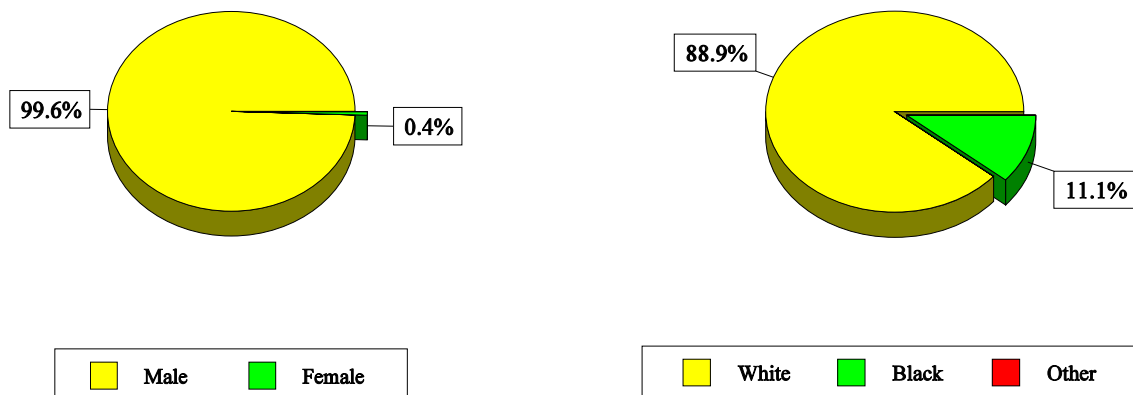
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Figure WV-2. All pneumoconioses: Distribution of deaths by sex and race, West Virginia residents age 15 and over, 1968-1992**



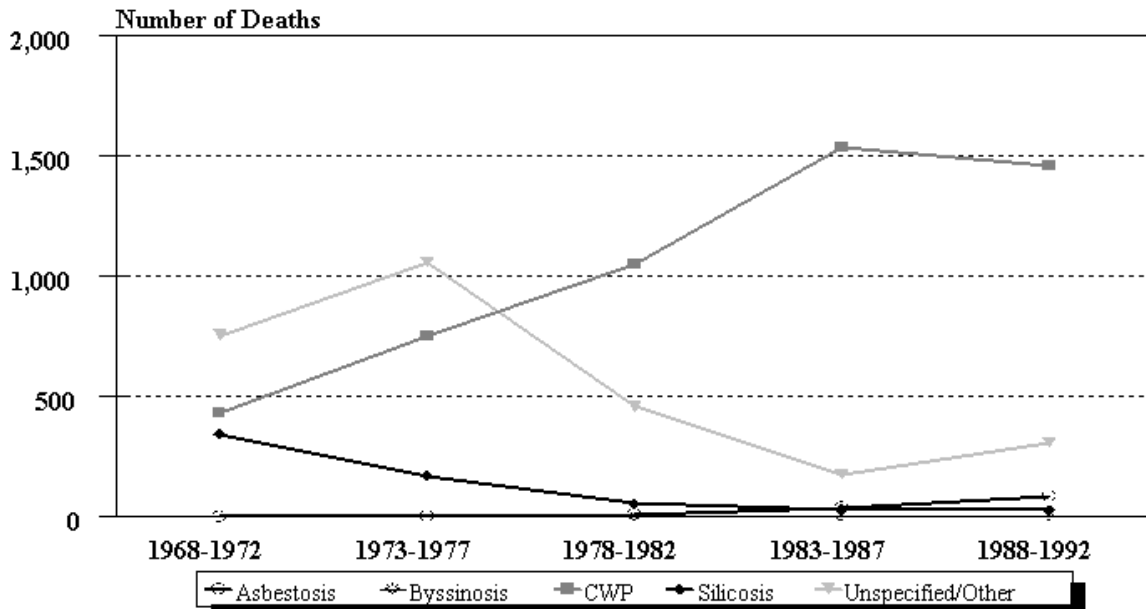
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table WV-2. All pneumoconioses: Distribution of deaths by sex, race, and age, West Virginia residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		8,709	100.0	1,878	100.0
Sex	Male	8,672	99.6	1,872	99.7
	Female	37	0.4	6	0.3
Race	White	7,746	88.9	1,746	93.0
	Black	963	11.1	132	7.0
	Other	0	0.0	0	0.0
Age	15-24	1	0.0	0	0.0
	25-34	4	0.0	0	0.0
	35-44	66	0.8	5	0.3
	45-54	404	4.6	38	2.0
	55-64	1,572	18.1	216	11.5
	65-74	3,166	36.4	656	34.9
	75-84	2,702	31.0	723	38.5
	85+	794	9.1	240	12.8
Mean age		71.5		74.3	
Range for age		24-107		39-107	

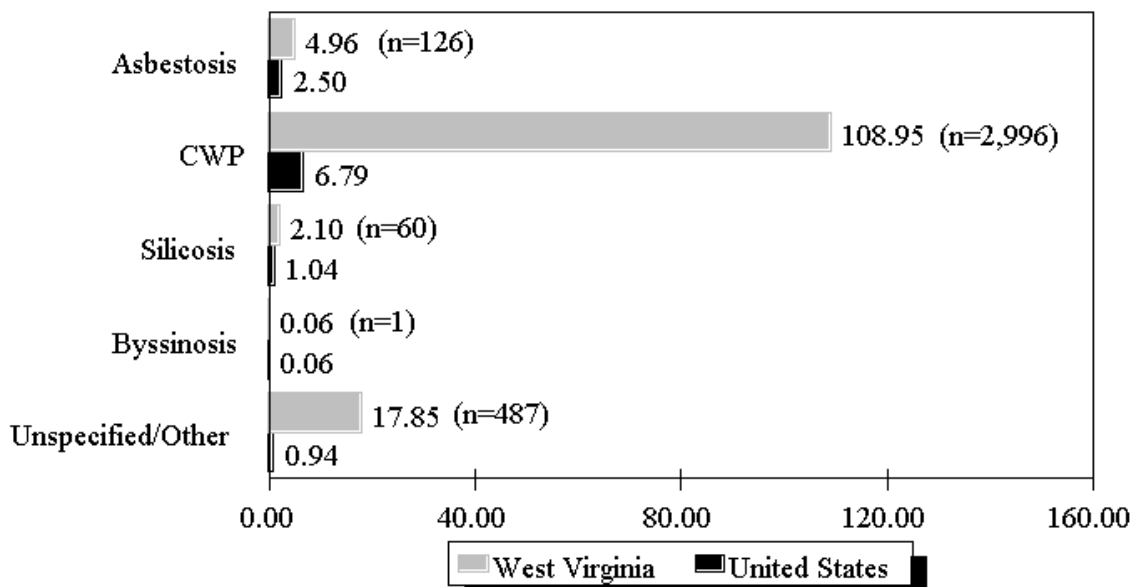
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WV-3. Pneumoconiosis deaths by condition, West Virginia residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WV-4. West Virginia and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table WV-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, West Virginia residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Barbour	-	-	16	61.88	-	-	-	-	1	2.35	17	64.23
Berkeley	-	-	1	1.84	-	-	-	-	-	-	1	1.84
Boone	1	2.21	163	522.99	4	11.86	-	-	32	96.38	200	633.45
Braxton	-	-	6	23.65	-	-	-	-	2	13.48	8	37.13
Brooke	2	5.99	9	23.92	-	-	-	-	1	1.61	12	31.52
Cabell	8	4.14	13	7.56	-	-	-	-	4	3.61	25	15.31
Calhoun	-	-	1	4.74	-	-	-	-	-	-	1	4.74
Clay	-	-	16	132.62	-	-	-	-	2	14.73	18	147.35
Doddridge	-	-	1	12.02	-	-	-	-	1	12.02	2	24.03
Fayette	1	1.68	279	350.83	1	0.78	-	-	60	77.35	341	430.64
Gilmer	-	-	1	4.32	1	12.27	-	-	-	-	2	16.59
Grant	-	-	4	22.17	-	-	-	-	-	-	4	22.17
Greenbrier	1	1.02	70	119.25	-	-	-	-	10	19.75	81	140.02
Hampshire	3	20.18	-	-	2	11.35	-	-	-	-	5	31.53
Hancock	1	2.20	-	-	1	1.31	-	-	1	1.31	3	4.82
Hardy	-	-	-	-	-	-	-	-	1	13.39	1	13.39
Harrison	7	6.88	58	45.87	2	2.34	-	-	17	13.36	83	67.28
Jackson	1	5.12	3	9.11	1	1.84	-	-	1	3.63	6	19.70
Jefferson	1	1.90	-	-	-	-	-	-	-	-	1	1.90
Kanawha	49	17.14	127	38.92	3	1.02	-	-	24	6.83	202	63.50
Lewis	-	-	8	30.49	1	2.02	-	-	-	-	9	32.51
Lincoln	1	4.90	17	61.75	1	4.90	-	-	2	9.80	21	81.35
Logan	1	2.20	168	319.60	3	4.88	-	-	48	91.15	220	417.83
McDowell	-	-	333	635.19	6	8.96	1	2.37	18	32.13	356	676.02
Marion	1	0.60	139	133.41	2	2.00	-	-	26	26.28	168	162.29
Marshall	3	7.14	9	16.61	1	1.25	-	-	1	1.25	14	26.25
Mason	4	12.86	3	9.20	1	1.87	-	-	1	3.66	9	27.59
Mercer	2	1.25	168	170.47	3	1.87	-	-	29	28.16	200	199.82
Mineral	4	10.48	2	3.55	-	-	-	-	1	3.46	7	17.49
Mingo	-	-	59	169.26	3	8.71	-	-	26	70.28	87	244.95
Monongalia	6	6.51	55	68.36	1	1.65	-	-	7	8.16	69	84.69
Monroe	-	-	9	54.68	-	-	-	-	1	3.26	10	57.94

See footnotes at end of table.

## West Virginia

**Table WV-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, West Virginia residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Morgan	-	-	1	3.76	-	-	-	-	1	6.98	2	10.74
Nicholas	-	-	70	210.26	-	-	-	-	18	55.12	88	265.38
Ohio	2	1.33	12	12.10	4	3.49	-	-	6	7.29	24	24.21
Pendleton	-	-	-	-	-	-	-	-	1	10.75	1	10.75
Pleasants	2	11.85	-	-	-	-	-	-	-	-	2	11.85
Pocahontas	1	8.89	1	8.89	-	-	-	-	2	7.01	4	24.80
Preston	-	-	47	123.40	1	4.81	-	-	1	3.29	49	131.50
Putnam	10	23.05	7	14.06	1	1.54	-	-	7	15.15	25	53.80
Raleigh	3	2.82	784	664.06	3	1.71	-	-	75	65.17	865	733.76
Randolph	1	1.44	22	56.69	-	-	-	-	-	-	23	58.12
Ritchie	-	-	1	8.53	1	8.53	-	-	-	-	2	17.05
Roane	-	-	2	8.64	-	-	-	-	2	8.64	4	17.27
Summers	-	-	14	59.18	-	-	-	-	3	11.15	17	70.32
Taylor	-	-	16	66.40	-	-	-	-	8	33.20	24	99.60
Tucker	-	-	8	48.93	-	-	-	-	-	-	8	48.93
Upshur	-	-	28	75.72	1	1.73	-	-	8	13.80	37	91.25
Wayne	2	4.46	22	37.06	3	6.69	-	-	1	2.23	27	48.22
Webster	1	8.47	41	258.65	-	-	-	-	5	42.36	47	309.48
Wetzel	-	-	2	6.71	2	4.17	-	-	-	-	4	10.89
Wirt	1	9.02	-	-	-	-	-	-	-	-	1	9.02
Wood	6	4.72	3	2.65	4	2.57	-	-	4	3.73	17	13.67
Wyoming	-	-	177	546.97	3	10.33	-	-	28	91.71	206	642.12

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Wisconsin: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	109	27
Crude mortality rate (per 1,000,000 population)	5.73	39
Age-adjusted mortality rate (per 1,000,000 population)	3.64	36
Total years of potential life lost to life expectancy	1,513	23
Years of potential life lost to life expectancy (per death)	13.9	5

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	37	33.9
Coal workers' pneumoconiosis	7	6.4
Silicosis	58	53.2
Byssinosis	1	0.9
Unspecified/Other pneumoconiosis	8	7.3

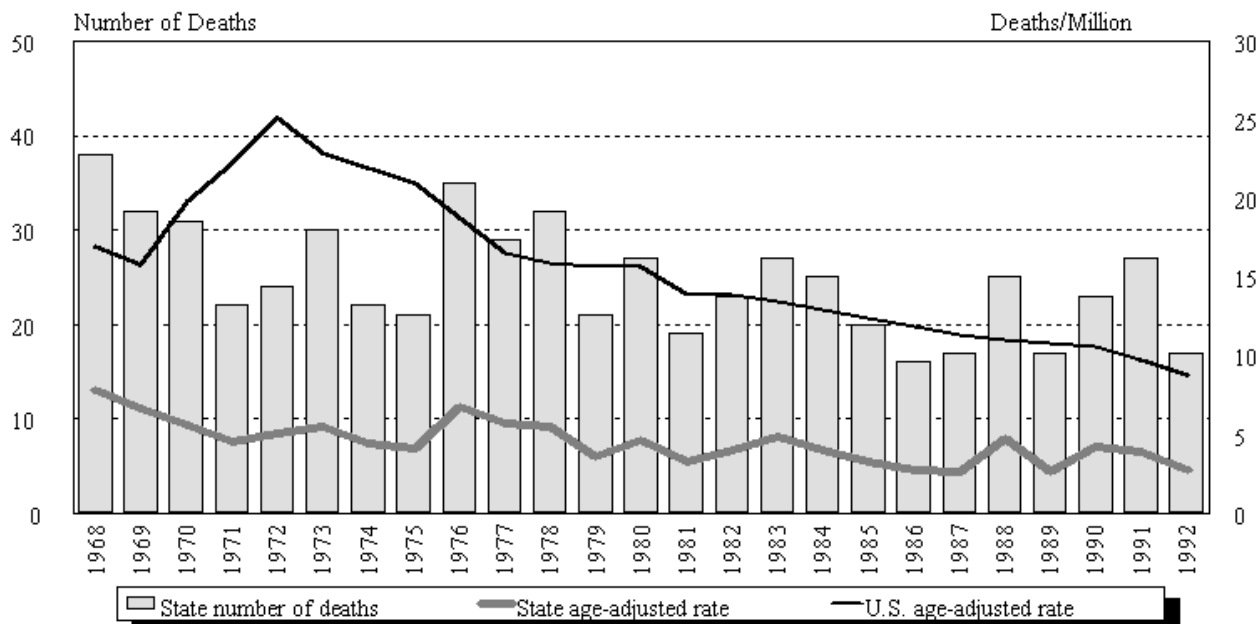
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure WI-1. All pneumoconioses: Wisconsin and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

## Wisconsin

**Table WI-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Wisconsin residents age 15 and over, 1968-1992**

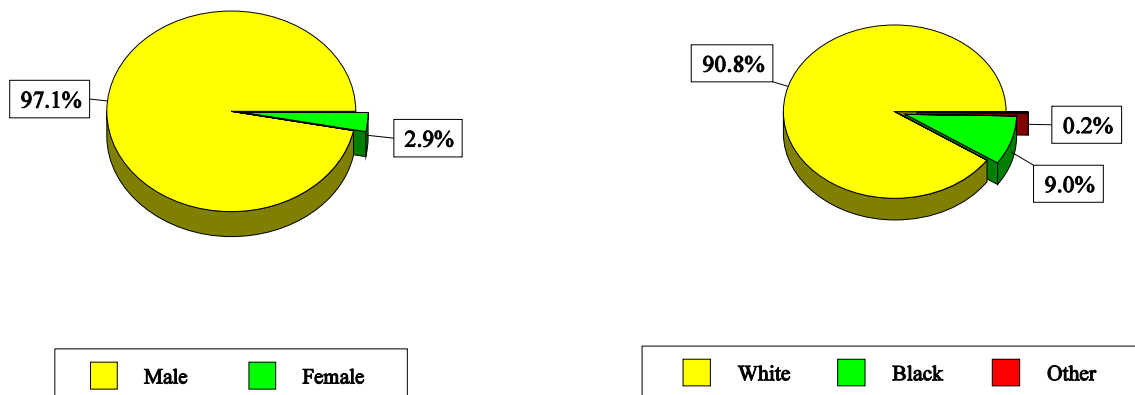
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.26	2	0.49	30	6.29			5	0.84	38	7.88
1969	-	-	1	0.23	20	4.19			11	2.23	32	6.65
1970	-	-	4	0.92	22	3.87			7	1.09	31	5.57
1971	-	-	1	0.26	14	2.82			7	1.45	22	4.53
1972	2	0.52	-	-	14	2.88			8	1.73	24	5.13
1973	3	0.58	1	0.26	19	3.56			9	1.47	30	5.51
1974	-	-	3	0.52	15	3.02			7	1.39	22	4.41
1975	1	0.33	1	0.26	12	1.90			7	1.64	21	4.12
1976	2	0.28	2	0.29	22	4.62			10	1.88	35	6.82
1977	2	0.46	3	0.59	17	3.24			7	1.41	29	5.71
1978	5	0.91	1	0.25	14	2.34			13	2.05	32	5.48
1979	-	-	1	0.20	15	2.71	-	-	5	0.71	21	3.62
1980	4	0.71	2	0.26	17	2.93	-	-	5	0.85	27	4.62
1981	2	0.44	3	0.43	13	2.26	-	-	1	0.13	19	3.25
1982	6	1.41	3	0.38	12	1.87	-	-	2	0.39	23	4.05
1983	6	1.00	3	0.76	18	3.06	-	-	-	-	27	4.82
1984	6	1.10	1	0.19	17	2.51	-	-	2	0.44	25	4.05
1985	3	0.55	1	0.19	12	1.95	-	-	4	0.61	20	3.31
1986	5	1.11	-	-	10	1.56	-	-	1	0.12	16	2.78
1987	4	0.60	1	0.19	10	1.59	-	-	2	0.24	17	2.61
1988	4	0.75	1	0.18	16	2.79	1	0.25	3	0.78	25	4.76
1989	7	0.98	2	0.16	7	1.28	-	-	1	0.18	17	2.60
1990	9	1.66	3	0.70	10	1.67	-	-	2	0.43	23	4.20
1991	11	2.04	1	0.10	16	2.09	-	-	-	-	27	3.92
1992	6	0.94	-	-	9	1.58	-	-	2	0.20	17	2.72

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure WI-2. All pneumoconioses: Distribution of deaths by sex and race, Wisconsin residents age 15 and over, 1968-1992**



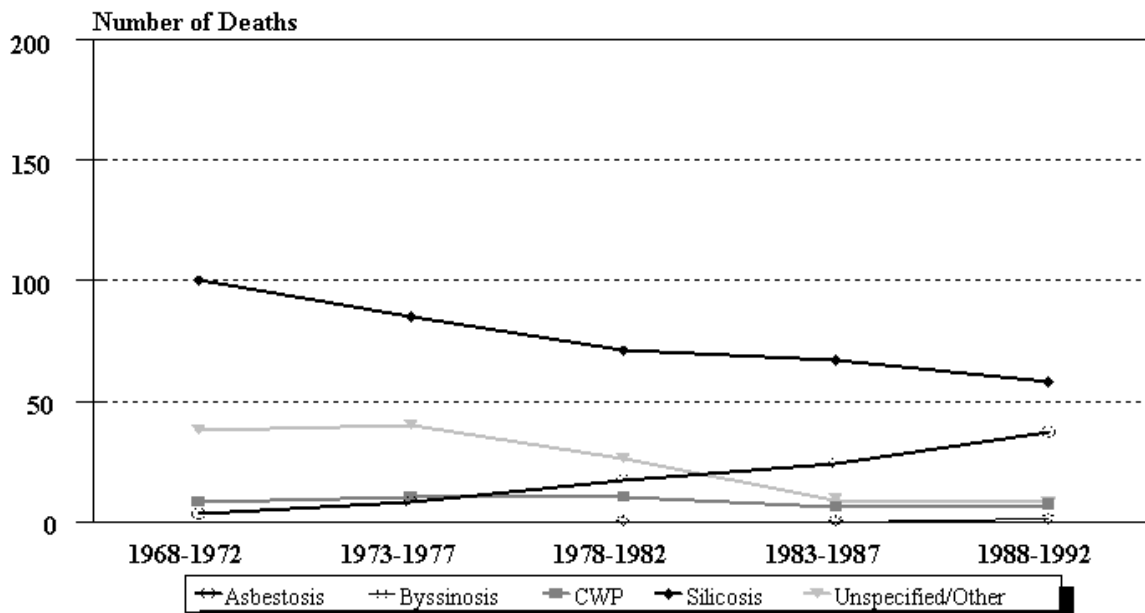
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table WI-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Wisconsin residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		620	100.0	109	100.0
Sex	Male	602	97.1	107	98.2
	Female	18	2.9	2	1.8
Race	White	563	90.8	97	89.0
	Black	56	9.0	12	11.0
	Other	1	0.2	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	1	0.2	0	0.0
	35-44	6	1.0	2	1.8
	45-54	28	4.5	8	7.3
	55-64	102	16.5	17	15.6
	65-74	218	35.2	35	32.1
	75-84	201	32.4	36	33.0
	85+	64	10.3	11	10.1
Mean age		71.8		71.6	
Range for age		27-95		42-95	

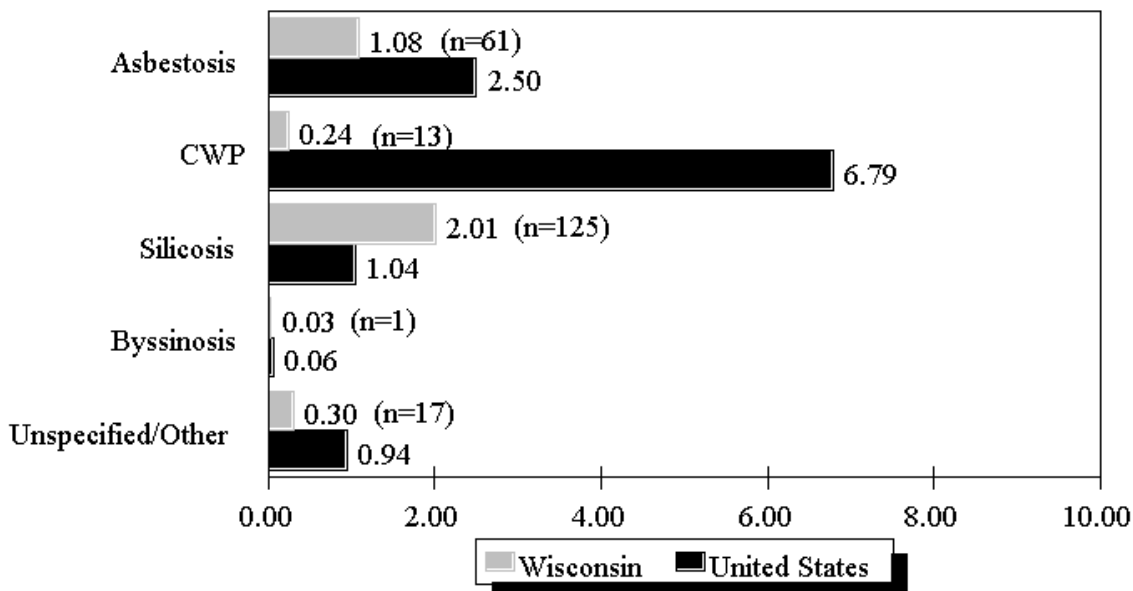
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WI-3. Pneumoconiosis deaths by condition, Wisconsin residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WI-4. Wisconsin and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.



**Table WI-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Wisconsin residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Barron	1	2.34	-	-	-	-	-	-	-	-	1	2.34
Bayfield	2	8.56	-	-	-	-	-	-	-	-	2	8.56
Brown	3	1.75	-	-	2	0.98	-	-	-	-	5	2.73
Buffalo	2	9.19	-	-	-	-	-	-	-	-	2	9.19
Burnett	3	19.76	-	-	1	11.72	-	-	-	-	3	19.76
Calumet	-	-	-	-	1	3.51	-	-	-	-	1	3.51
Chippewa	-	-	-	-	1	0.81	-	-	-	-	1	0.81
Columbia	-	-	-	-	2	4.27	-	-	-	-	2	4.27
Crawford	-	-	-	-	1	9.70	-	-	-	-	1	9.70
Dane	-	-	-	-	4	1.19	-	-	2	0.59	6	1.79
Door	2	6.91	-	-	1	1.32	-	-	-	-	3	8.23
Douglas	3	4.11	-	-	-	-	-	-	-	-	3	4.11
Eau Claire	1	1.90	-	-	-	-	-	-	-	-	1	1.90
Fond du Lac	-	-	1	0.48	-	-	-	-	2	0.96	3	1.44
Green Lake	1	4.48	-	-	-	-	-	-	-	-	1	4.48
Jefferson	2	2.33	-	-	2	2.33	-	-	1	1.63	5	6.29
Juneau	-	-	-	-	1	3.94	-	-	-	-	1	3.94
Kenosha	4	2.59	1	0.88	2	1.75	-	-	1	0.88	8	6.09
Kewaunee	-	-	-	-	1	5.08	-	-	-	-	1	5.08
Langlade	-	-	-	-	1	1.71	-	-	-	-	1	1.71
Lincoln	1	1.38	-	-	1	3.40	-	-	-	-	2	4.78
Manitowoc	3	2.84	-	-	2	3.04	-	-	-	-	5	5.88
Marathon	2	1.95	-	-	7	4.73	-	-	1	0.98	10	7.65
Marinette	-	-	-	-	1	0.86	-	-	-	-	1	0.86
Marquette	-	-	1	5.64	2	8.44	-	-	-	-	3	14.08
Milwaukee	15	1.27	3	0.32	29	3.03	-	-	5	0.54	51	5.06
Oneida	-	-	1	1.22	-	-	-	-	-	-	1	1.22
Outagamie	1	0.90	-	-	3	2.40	-	-	-	-	4	3.30
Ozaukee	1	0.90	-	-	2	1.81	-	-	-	-	3	2.71
Pierce	-	-	-	-	1	4.11	-	-	-	-	1	4.11
Polk	1	2.86	-	-	-	-	-	-	-	-	1	2.86
Portage	1	2.20	-	-	-	-	-	-	-	-	1	2.20

See footnotes at end of table.

## Wisconsin

**Table WI-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Wisconsin residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Racine	1	0.32	1	0.64	6	3.05	-	-	-	-	8	4.00
Rock	1	0.79	2	1.57	5	2.22	-	-	-	-	8	4.58
Rusk	-	-	-	-	1	2.27	-	-	-	-	1	2.27
Sauk	-	-	-	-	1	0.82	-	-	-	-	1	0.82
Shawano	-	-	-	-	1	2.34	-	-	-	-	1	2.34
Sheboygan	-	-	-	-	31	14.93	-	-	1	0.41	32	15.33
Trempealeau	-	-	-	-	-	-	1	3.65	-	-	1	3.65
Vernon	-	-	-	-	-	-	-	-	1	1.23	1	1.23
Walworth	1	1.43	-	-	1	1.43	-	-	-	-	2	2.86
Washington	3	4.17	-	-	1	0.67	-	-	-	-	4	4.84
Waukesha	1	0.24	1	0.40	5	1.70	-	-	2	0.64	9	2.99
Waupaca	1	0.70	-	-	1	2.07	-	-	-	-	2	2.77
Waushara	1	1.74	-	-	-	-	-	-	-	-	1	1.74
Winnebago	-	-	2	1.61	2	1.15	-	-	1	0.81	5	3.56
Wood	3	4.31	-	-	2	2.87	-	-	-	-	4	5.74

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Wyoming: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992		Value	State rank
Total deaths		41	38
Crude mortality rate (per 1,000,000 population)		24.17	6
Age-adjusted mortality rate (per 1,000,000 population)		12.77	6
Total years of potential life lost to life expectancy		382	42
Years of potential life lost to life expectancy (per death)		9.3	51

Deaths by type of pneumoconiosis, 1988-1992		Deaths*	Percent** distribution
Asbestosis		8	19.5
Coal workers' pneumoconiosis		26	63.4
Silicosis		1	2.4
Byssinosis		0	0.0
Unspecified/Other pneumoconiosis		6	14.6

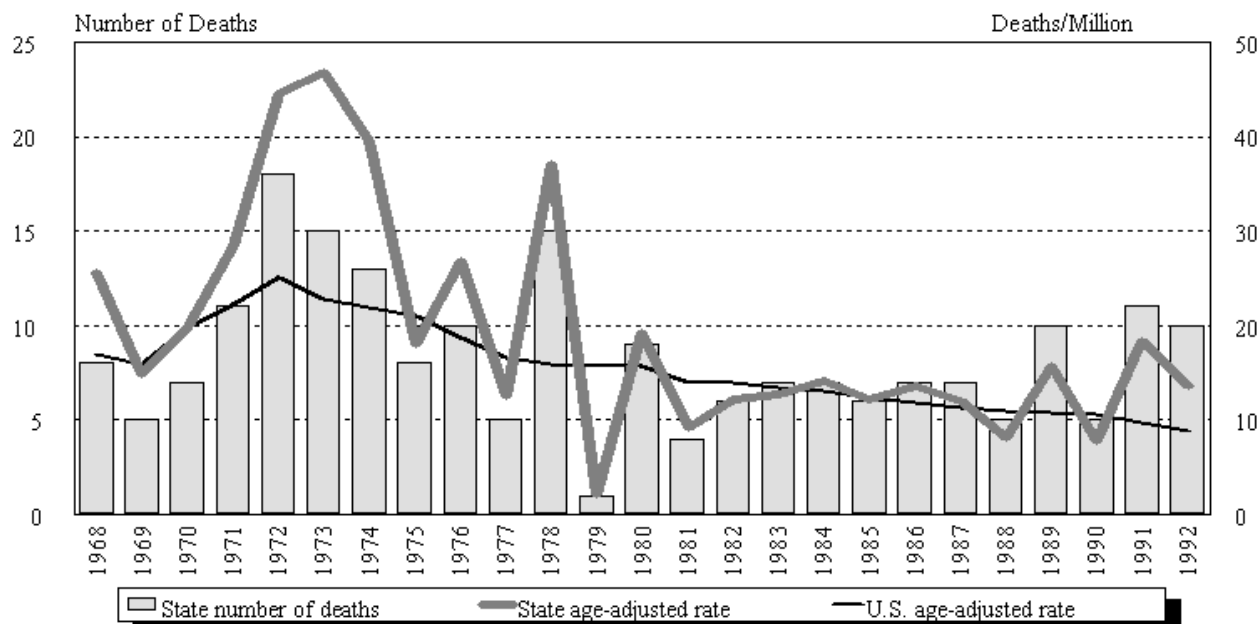
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* Percentages may total more than 100% due to deaths with multiple pneumoconioses.

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

Figure WY-1. All pneumoconioses: Wyoming and U.S. age-adjusted mortality rates, residents age 15 and over, 1968-1992



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

# Wyoming

**Table WY-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Wyoming residents age 15 and over, 1968-1992**

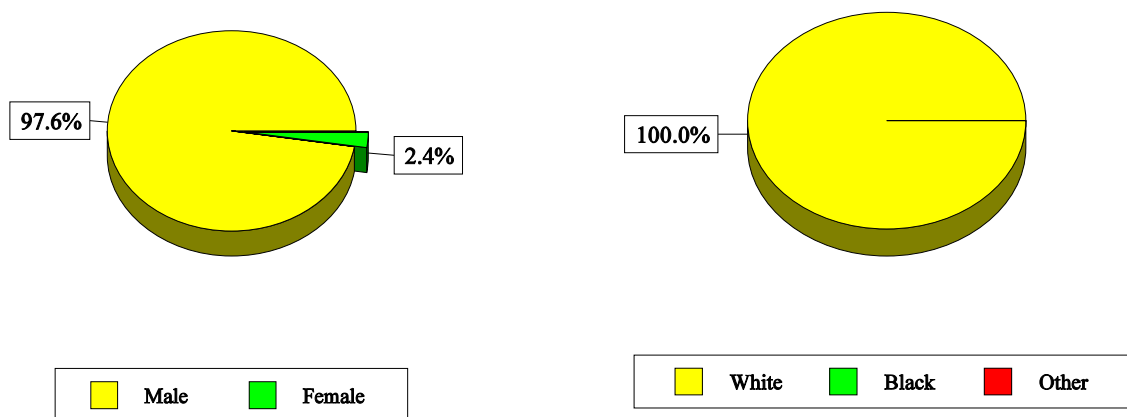
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	2	7.23			6	18.34	8	25.57
1969	-	-	1	3.51	1	3.61			3	7.66	5	14.77
1970	-	-	1	3.51	1	2.37			5	14.12	7	20.00
1971	-	-	2	7.24	3	5.65			6	15.58	11	28.47
1972	2	7.23	8	15.47	-	-			8	21.78	18	44.49
1973	-	-	6	20.41	-	-			9	26.44	15	46.85
1974	-	-	7	20.58	3	9.83			3	9.09	13	39.50
1975	-	-	2	4.42	1	2.21			5	11.37	8	18.00
1976	-	-	4	10.88	1	3.10			6	15.94	10	26.81
1977	-	-	2	5.22	-	-			3	7.26	5	12.48
1978	-	-	4	9.81	2	5.15			9	22.12	15	37.08
1979	-	-	-	-	-	-	-	-	1	2.16	1	2.16
1980	-	-	6	11.95	-	-	-	-	3	7.32	9	19.27
1981	-	-	2	4.61	-	-	-	-	2	4.61	4	9.21
1982	-	-	2	5.04	1	0.93	-	-	3	6.22	6	12.18
1983	-	-	4	6.87	1	2.44	-	-	2	3.33	7	12.63
1984	-	-	5	9.28	1	2.41	-	-	1	2.41	7	14.09
1985	-	-	6	12.17	1	1.68	-	-	-	-	6	12.17
1986	-	-	4	7.23	3	6.30	-	-	-	-	7	13.53
1987	2	3.20	2	3.98	1	2.35	-	-	2	2.47	7	12.00
1988	1	1.61	4	6.42	-	-	-	-	-	-	5	8.03
1989	1	2.99	5	7.17	1	1.58	-	-	3	3.99	10	15.73
1990	1	1.55	4	6.22	-	-	-	-	-	-	5	7.77
1991	4	7.64	7	10.64	-	-	-	-	-	-	11	18.28
1992	1	0.76	6	8.37	-	-	-	-	3	4.42	10	13.56

- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

NOTE: Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure WY-2. All pneumoconioses: Distribution of deaths by sex and race, Wyoming residents age 15 and over, 1968-1992**



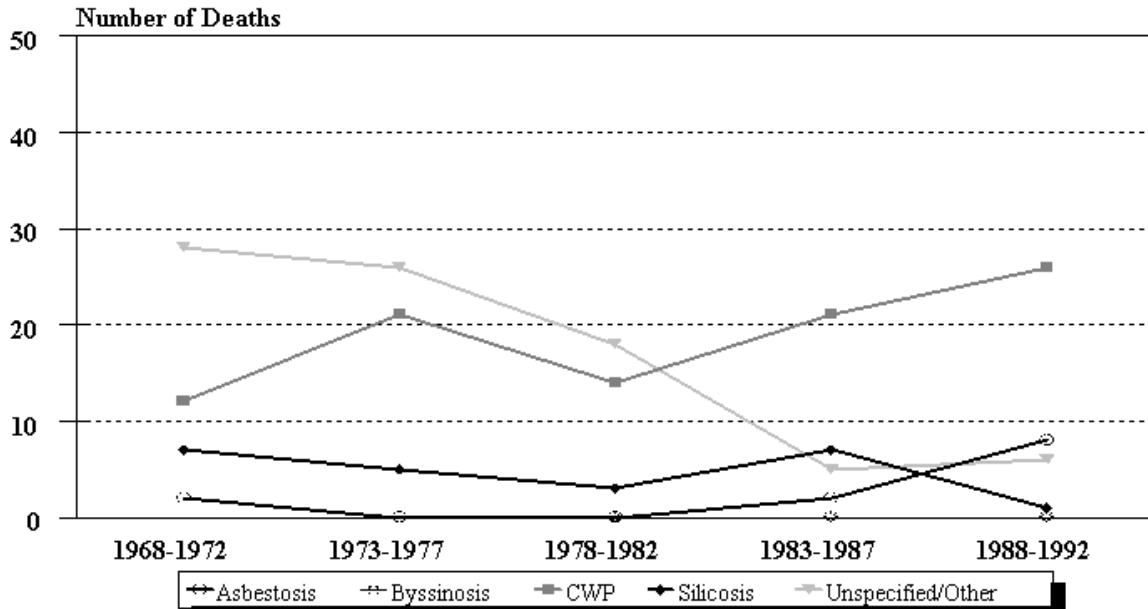
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table WY-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Wyoming residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		210	100.0	41	100.0
Sex	Male	205	97.6	41	100.0
	Female	5	2.4	0	0.0
Race	White	210	100.0	41	100.0
	Black	0	0.0	0	0.0
	Other	0	0.0	0	0.0
Age	15-24	1	0.5	0	0.0
	25-34	0	0.0	0	0.0
	35-44	1	0.5	0	0.0
	45-54	2	1.0	0	0.0
	55-64	24	11.4	2	4.9
	65-74	60	28.6	7	17.1
	75-84	88	41.9	21	51.2
	85+	34	16.2	11	26.8
Mean age		75.2		79.1	
Range for age		19-100		59-96	

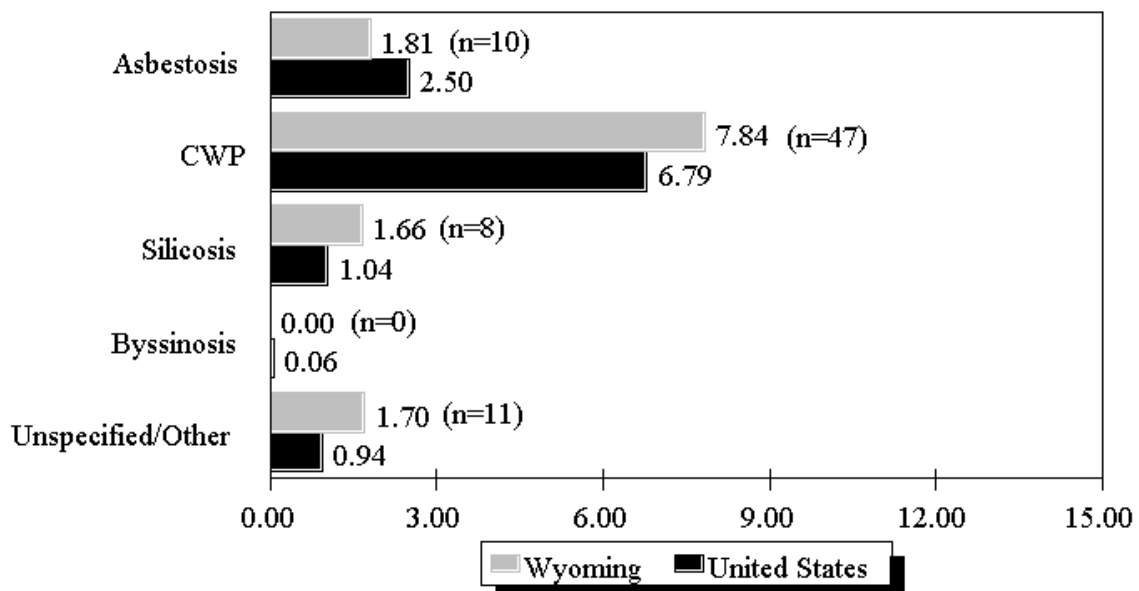
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WY-3. Pneumoconiosis deaths by condition, Wyoming residents age 15 and over, 1968-1992**



NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure WY-4. Wyoming and U.S. age-adjusted mortality rates (per 1,000,000 population) by condition, residents age 15 and over, 1983-1992**



NOTE: Rates based on small numbers may be unstable. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Table WY-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Wyoming residents age 15 and over, 1983-1992**

County	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Albany	-	-	2	8.35	2	5.70	-	-	-	-	3	11.19
Campbell	1	7.80	1	6.03	-	-	-	-	-	-	2	13.83
Carbon	-	-	3	15.13	-	-	-	-	-	-	3	15.13
Converse	-	-	1	6.64	-	-	-	-	-	-	1	6.64
Fremont	-	-	2	3.83	-	-	-	-	-	-	2	3.83
Goshen	-	-	1	3.12	-	-	-	-	1	3.12	2	6.23
Hot Springs	-	-	3	17.46	-	-	-	-	-	-	3	17.46
Johnson	-	-	3	33.57	1	13.84	-	-	-	-	4	47.41
Laramie	6	6.98	1	0.92	-	-	-	-	-	-	7	7.90
Lincoln	1	5.94	6	46.06	-	-	-	-	-	-	7	51.99
Natrona	2	2.98	3	3.56	1	1.19	-	-	1	1.79	7	9.52
Platte	-	-	-	-	1	11.79	-	-	-	-	1	11.79
Sublette	-	-	-	-	-	-	-	-	1	11.07	1	11.07
Sweetwater	-	-	20	57.07	1	4.10	-	-	8	21.16	29	82.33
Uinta	-	-	-	-	2	20.16	-	-	-	-	2	20.16
Washakie	-	-	1	11.22	-	-	-	-	-	-	1	11.22

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.