

## Alabama: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	303	12
Crude mortality rate (per 1,000,000 population)	19.16	9
Age-adjusted mortality rate (per 1,000,000 population)	9.89	10
Total years of potential life lost to life expectancy	3,388	12
Years of potential life lost to life expectancy (per death)	11.2	42

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	94	31.0
Coal workers' pneumoconiosis	146	48.2
Silicosis	25	8.3
Byssinosis	2	0.7
Unspecified/Other pneumoconiosis	36	11.9

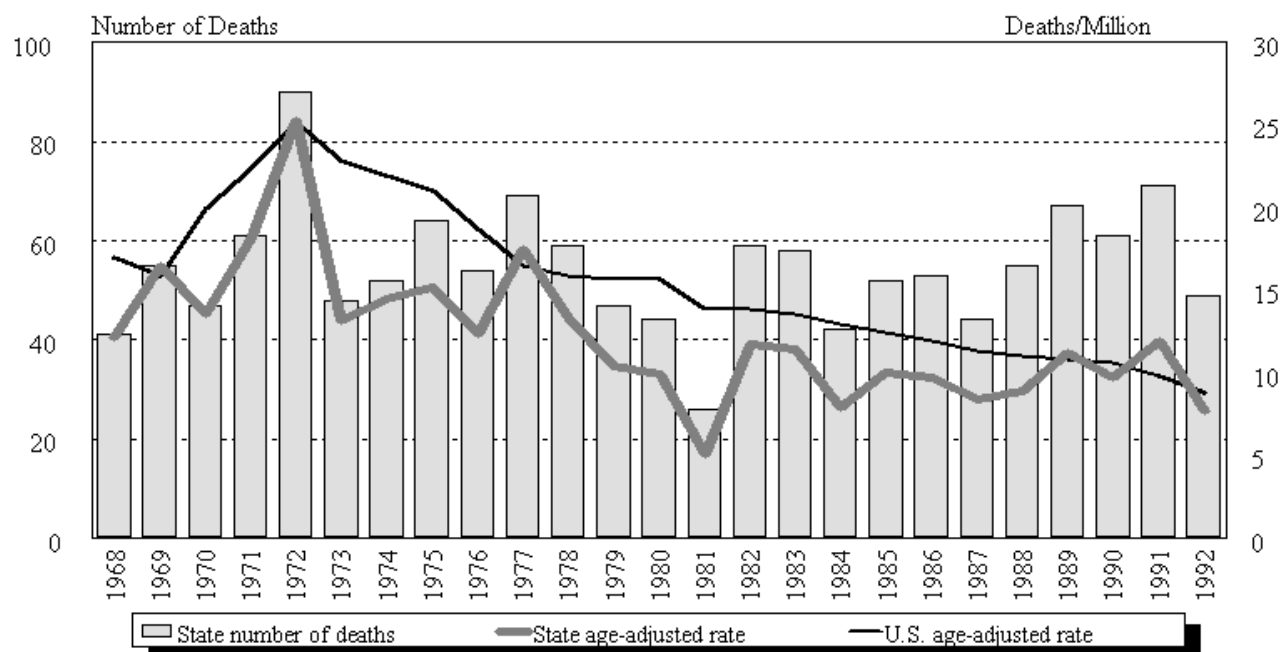
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 AL-1. All pneumoconioses: Alabama 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.

## Alabama

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

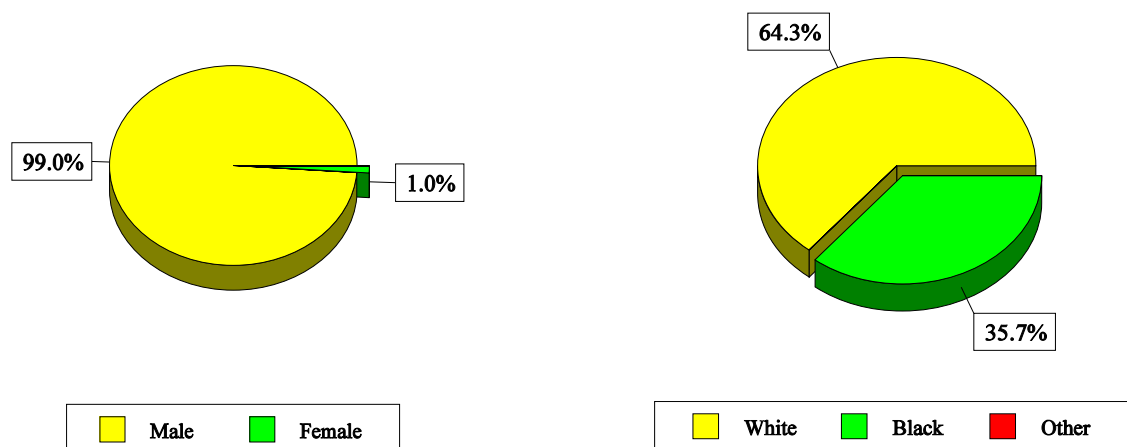
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	3	0.95	21	6.47			17	4.66	41	12.09
1969	-	-	7	2.09	27	8.15			22	6.55	55	16.48
1970	-	-	2	0.55	19	5.73			26	7.24	47	13.53
1971	-	-	5	1.58	15	5.11			42	11.75	61	18.14
1972	-	-	8	2.96	22	6.33			60	15.94	90	25.23
1973	-	-	6	1.65	12	3.36			30	8.12	48	13.13
1974	1	0.32	12	3.72	9	2.45			31	8.21	52	14.44
1975	1	0.21	17	4.13	17	4.06			29	6.73	64	15.14
1976	-	-	22	5.13	6	1.26			26	5.98	54	12.38
1977	2	0.56	27	7.08	14	3.65			29	6.93	69	17.53
1978	2	0.54	17	3.68	10	2.41			30	6.75	59	13.38
1979	2	0.49	19	3.91	11	2.91	2	0.53	17	3.56	47	10.45
1980	2	0.53	13	3.05	5	1.40	1	0.23	23	4.74	44	9.95
1981	-	-	18	3.42	2	0.35	-	-	6	1.27	26	5.03
1982	5	1.08	40	7.20	4	0.91	-	-	10	2.54	59	11.73
1983	4	0.91	32	6.08	4	0.84	-	-	18	3.63	58	11.45
1984	4	0.90	26	4.51	4	1.09	-	-	9	1.62	42	7.89
1985	7	1.55	30	5.78	1	0.22	-	-	15	2.72	52	10.04
1986	9	1.90	32	5.58	7	1.52	1	0.22	4	0.53	53	9.75
1987	6	1.31	23	4.21	6	1.09	-	-	10	2.09	44	8.42
1988	10	2.09	33	4.86	6	1.09	-	-	6	0.92	55	8.95
1989	22	4.29	33	4.70	4	0.87	-	-	8	1.37	67	11.24
1990	21	4.42	29	3.41	3	0.74	1	0.13	7	1.01	61	9.71
1991	23	4.81	28	3.71	9	1.64	1	0.13	10	1.61	71	11.90
1992	18	3.28	23	3.24	3	0.47	-	-	5	0.67	49	7.66

- 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 AL-2. All pneumoconioses: Distribution of deaths by sex and race, Alabama 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.

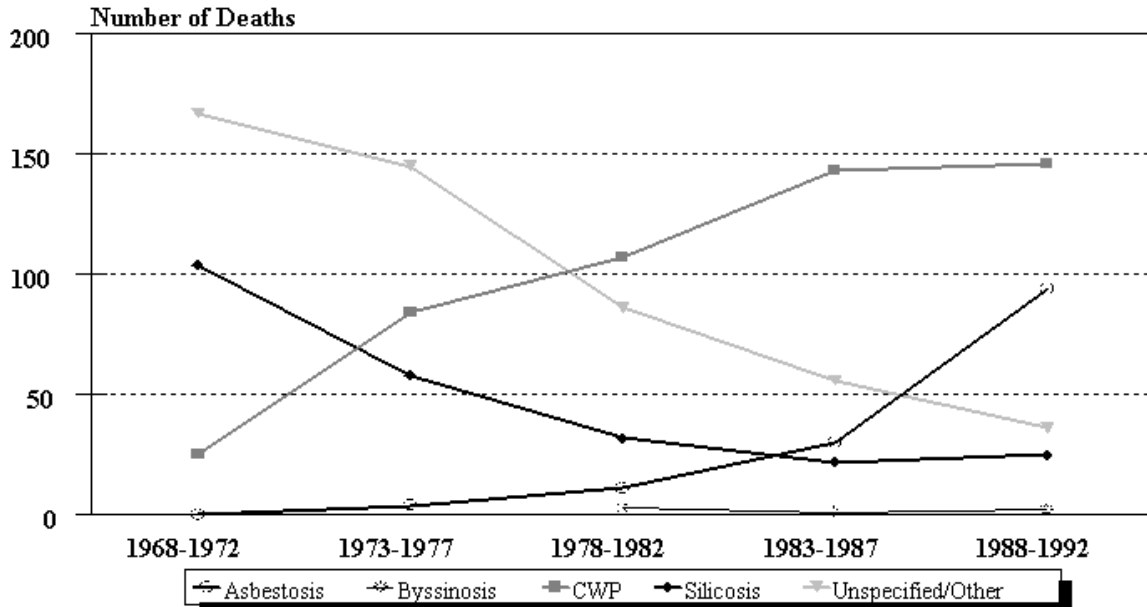
**Table AL-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Alabama residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1,368	100.0	303	100.0
Sex	Male	1,355	99.0	299	98.7
	Female	13	1.0	4	1.3
Race	White	880	64.3	227	74.9
	Black	488	35.7	76	25.1
	Other	0	0.0	0	0.0
Age	15-24	1	0.1	1	0.3
	25-34	2	0.1	1	0.3
	35-44	14	1.0	3	1.0
	45-54	42	3.1	2	0.7
	55-64	191	14.0	23	7.6
	65-74	489	35.7	89	29.4
	75-84	464	33.9	124	40.9
	85+	165	12.1	60	19.8
Mean age		73.0		75.9	
Range for age		16-101		16-95	

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.

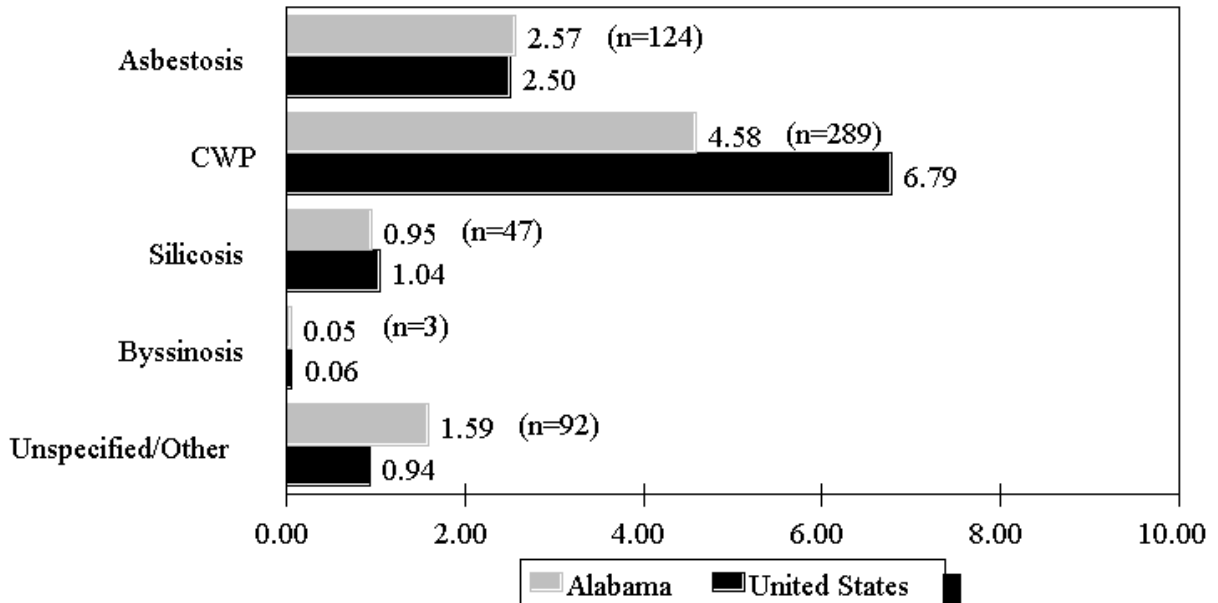
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure AL-3. Pneumoconiosis deaths by condition, Alabama 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 AL-4. Alabama 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 AL-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Alabama 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
Autauga	-	-	-	-	1	3.99	-	-	-	-	1	3.99
Baldwin	10	8.06	2	1.01	-	-	-	-	1	0.50	13	9.58
Barbour	-	-	-	-	1	1.73	-	-	-	-	1	1.73
Bibb	-	-	-	-	-	-	-	-	2	9.53	2	9.53
Blount	-	-	5	6.49	-	-	-	-	-	-	5	6.49
Butler	1	1.59	-	-	-	-	-	-	-	-	1	1.59
Calhoun	2	1.38	6	4.15	1	0.50	-	-	1	0.50	10	6.53
Chambers	-	-	-	-	-	-	1	2.37	-	-	1	2.37
Cherokee	-	-	-	-	-	-	1	2.55	-	-	1	2.55
Chilton	-	-	1	1.45	-	-	1	1.45	-	-	2	2.90
Clarke	3	9.52	-	-	-	-	-	-	-	-	3	9.52
Cleburne	-	-	-	-	1	7.68	-	-	-	-	1	7.68
Colbert	2	3.39	-	-	2	3.39	-	-	-	-	4	6.79
Coosa	-	-	-	-	-	-	-	-	2	16.25	2	16.25
Covington	2	3.28	2	2.00	-	-	-	-	-	-	4	5.27
Cullman	-	-	3	3.48	-	-	-	-	-	-	3	3.48
Dale	-	-	-	-	1	2.76	-	-	-	-	1	2.76
Dallas	-	-	1	0.92	-	-	-	-	-	-	1	0.92
De Kalb	1	1.73	1	0.81	-	-	-	-	2	4.36	4	6.90
Escambia	2	5.52	-	-	-	-	-	-	-	-	2	5.52
Etowah	1	0.86	3	1.75	-	-	-	-	2	0.89	6	3.51
Fayette	-	-	2	4.09	-	-	-	-	1	5.02	3	9.11
Geneva	-	-	1	3.63	-	-	-	-	-	-	1	3.63
Henry	1	2.59	-	-	-	-	-	-	-	-	1	2.59
Houston	1	1.32	-	-	-	-	-	-	-	-	1	1.32
Jackson	-	-	2	3.27	1	2.09	-	-	-	-	2	3.27
Jefferson	8	0.89	118	11.21	25	2.95	-	-	45	4.80	196	19.85
Lamar	1	5.76	-	-	-	-	-	-	-	-	1	5.76
Lauderdale	1	1.18	-	-	-	-	-	-	-	-	1	1.18
Lawrence	1	3.43	1	1.84	-	-	-	-	-	-	2	5.27
Limestone	-	-	1	1.12	1	2.10	-	-	-	-	2	3.21
Madison	2	1.04	-	-	-	-	-	-	-	-	2	1.04

See footnotes at end of table.

## Alabama

**Table AL-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Alabama 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
Marion	-	-	5	8.51	-	-	-	-	1	3.08	6	11.59
Marshall	1	0.69	2	2.01	-	-	-	-	-	-	3	2.70
Mobile	70	17.91	1	0.16	1	0.29	-	-	1	0.16	73	18.53
Monroe	2	6.54	-	-	-	-	-	-	1	1.94	3	8.48
Montgomery	-	-	2	0.82	-	-	-	-	-	-	2	0.82
Morgan	2	1.69	3	2.30	-	-	-	-	1	0.61	6	4.60
Perry	-	-	1	2.65	-	-	-	-	-	-	1	2.65
Pickens	2	6.08	1	4.31	-	-	-	-	-	-	3	10.39
Pike	-	-	-	-	1	4.46	-	-	-	-	1	4.46
Russell	1	2.11	1	2.11	-	-	-	-	-	-	2	4.22
St. Clair	-	-	9	14.26	3	4.75	-	-	3	3.88	14	20.73
Shelby	2	3.03	13	18.00	-	-	-	-	1	1.61	16	22.64
Sumter	-	-	1	2.38	-	-	-	-	-	-	1	2.38
Talladega	-	-	-	-	1	1.35	-	-	-	-	1	1.35
Tallapoosa	1	1.06	1	2.27	1	2.27	-	-	1	2.27	4	7.88
Tuscaloosa	-	-	16	9.71	5	3.17	-	-	5	3.54	25	15.63
Walker	2	2.82	83	79.82	1	0.68	-	-	22	20.11	108	103.44
Washington	2	13.46	-	-	-	-	-	-	-	-	2	13.46
Winston	-	-	1	2.22	-	-	-	-	-	-	1	2.22

- 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.

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

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	7	49
Crude mortality rate (per 1,000,000 population)	3.48	47
Age-adjusted mortality rate (per 1,000,000 population)	5.61	23
Total years of potential life lost to life expectancy	100	50
Years of potential life lost to life expectancy (per death)	14.3	3

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	5	71.4
Coal workers' pneumoconiosis	1	14.3
Silicosis	1	14.3
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	0	0.0

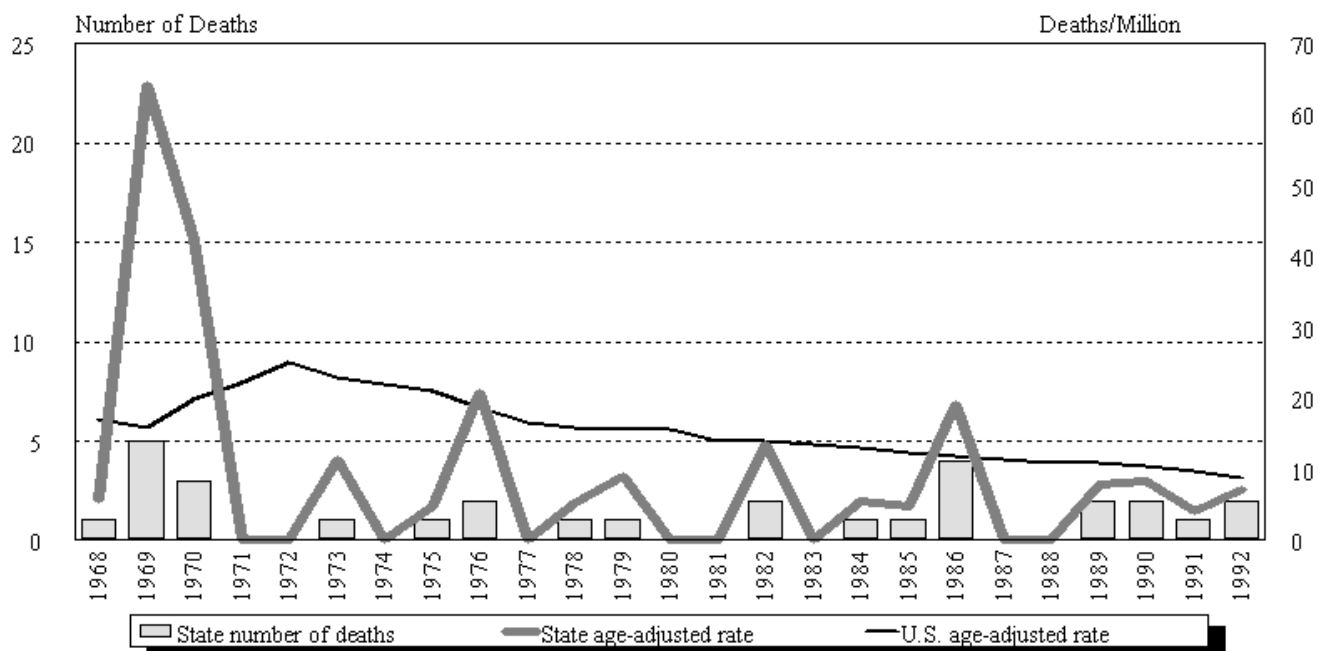
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 AK-1. All pneumoconioses: Alaska 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.

# Alaska

**Table AK-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Alaska 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	5.79	-	-	-	-			-	-	1	5.79
1969	-	-	1	13.64	4	50.48			-	-	5	64.11
1970	-	-	-	-	1	15.29			2	27.28	3	42.56
1971	-	-	-	-	-	-			-	-	-	-
1972	-	-	-	-	-	-			-	-	-	-
1973	-	-	-	-	1	11.40			-	-	1	11.40
1974	-	-	-	-	-	-			-	-	-	-
1975	1	4.89	-	-	-	-			-	-	1	4.89
1976	1	9.73	-	-	1	11.01			-	-	2	20.74
1977	-	-	-	-	-	-			-	-	-	-
1978	-	-	-	-	-	-			1	5.29	1	5.29
1979	-	-	-	-	-	-	-	-	1	9.12	1	9.12
1980	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	2	13.40			-	-	2	13.40
1983	-	-	-	-	-	-			-	-	-	-
1984	-	-	1	5.58	-	-			-	-	1	5.58
1985	-	-	-	-	1	4.90			-	-	1	4.90
1986	1	4.63	1	4.83	2	9.67			-	-	4	19.13
1987	-	-	-	-	-	-			-	-	-	-
1988	-	-	-	-	-	-			-	-	-	-
1989	2	7.96	-	-	-	-			-	-	2	7.96
1990	1	4.17	-	-	1	4.12			-	-	2	8.28
1991	1	4.03	-	-	-	-			-	-	1	4.03
1992	1	3.53	1	3.64	-	-			-	-	2	7.17

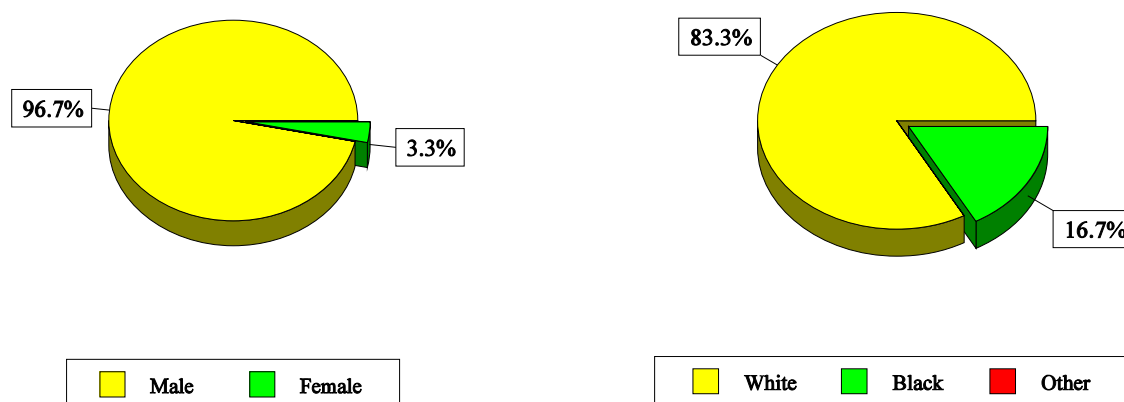
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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 AK-2. All pneumoconioses: Distribution of deaths by sex and race, Alaska 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.

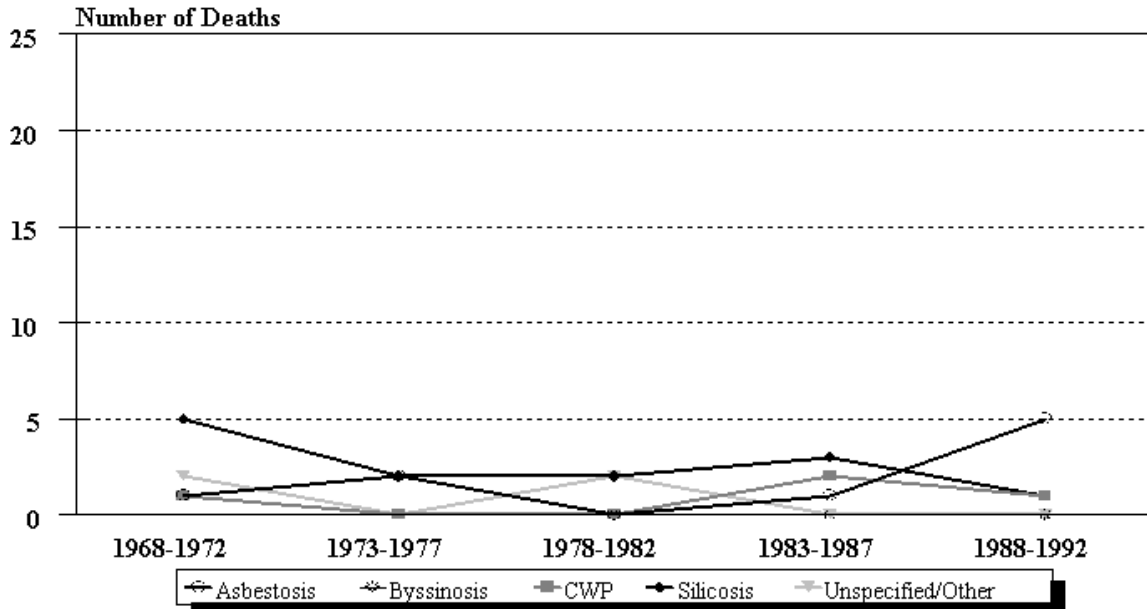
**Table AK-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Alaska residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		30	100.0	7	100.0
Sex	Male	29	96.7	7	100.0
	Female	1	3.3	0	0.0
Race	White	25	83.3	7	100.0
	Black	0	0.0	0	0.0
	Other	5	16.7	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	6.7	0	0.0
	55-64	3	10.0	2	28.6
	65-74	12	40.0	3	42.9
	75-84	12	40.0	2	28.6
	85+	1	3.3	0	0.0
	Mean age	72.0		69.9	
Range for age	47-97		61-80		

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.

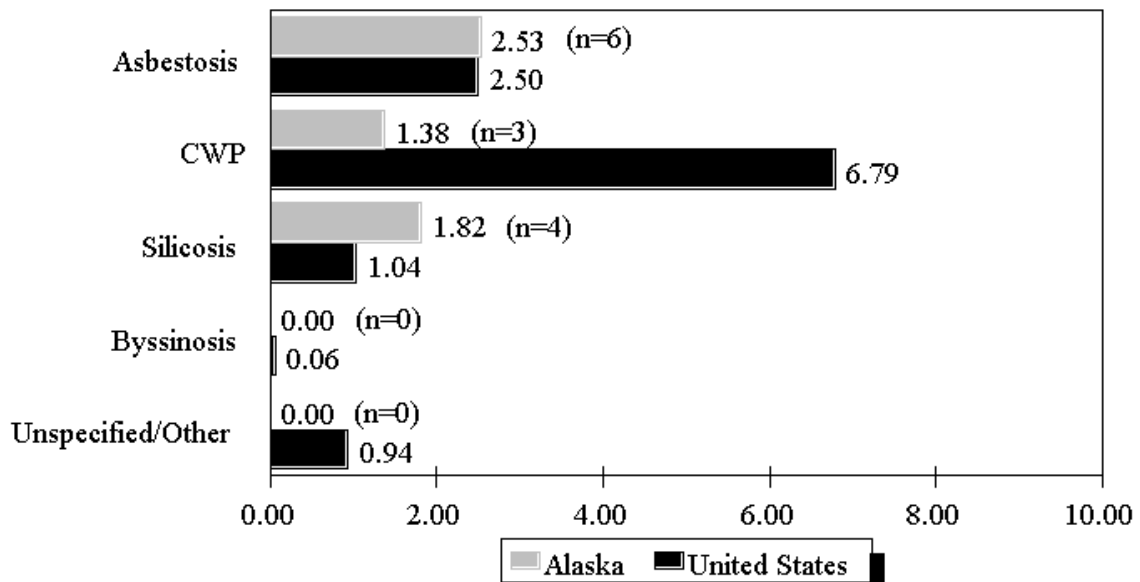
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure AK-3. Pneumoconiosis deaths by condition, Alaska 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 AK-4. Alaska 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 AK-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Alaska 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
Anchorage	3	2.91	1	1.30	2	2.61	-	-	-	-	6	6.82
Fairbanks	1	3.51	-	-	-	-	-	-	-	-	1	3.51
Juneau	-	-	-	-	1	7.42	-	-	-	-	1	7.42
Matanuska-Susitna	1	4.84	2	10.34	-	-	-	-	-	-	3	15.18
North Slope	-	-	-	-	1	46.17	-	-	-	-	1	46.17
Wrangell-Petersburg	1	22.65	-	-	-	-	-	-	-	-	1	22.65

- indicates no deaths listed.

NOTE: Counties with no deaths for all listed conditions are not displayed. 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.



Arizona: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	Value	State rank
Total deaths	75	31
Crude mortality rate (per 1,000,000 population)	5.28	40
Age-adjusted mortality rate (per 1,000,000 population)	3.15	40
Total years of potential life lost to life expectancy	933	31
Years of potential life lost to life expectancy (per death)	12.4	17

Deaths by type of pneumoconiosis, 1988-1992

	Deaths*	Percent** distribution
Asbestosis	30	40.0
Coal workers' pneumoconiosis	20	26.7
Silicosis	15	20.0
Byssinosis	1	1.3
Unspecified/Other pneumoconiosis	9	12.0

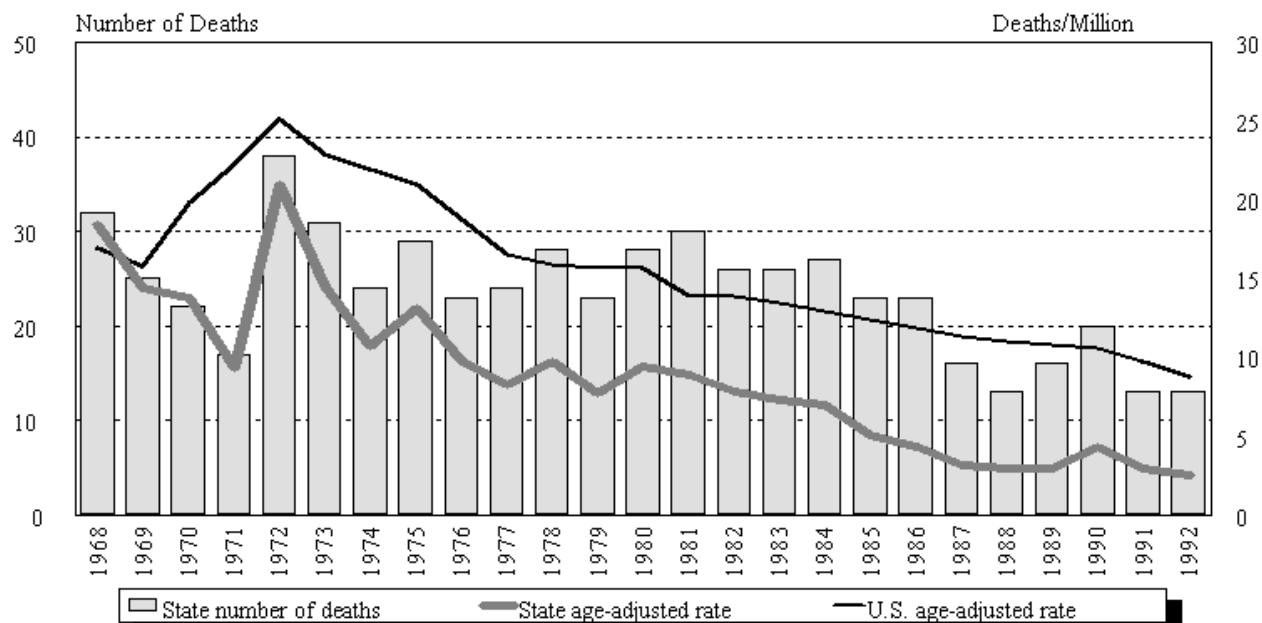
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 AZ-1. All pneumoconioses: Arizona 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.

## Arizona

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

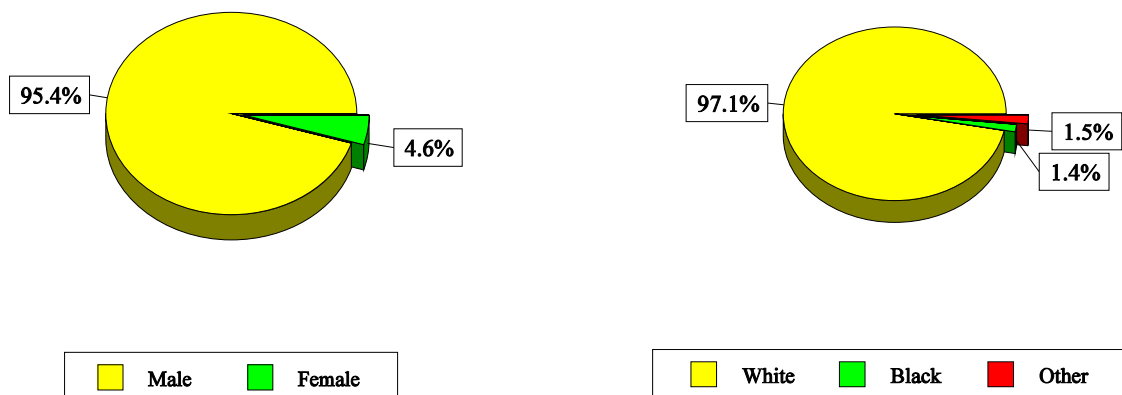
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	2	1.33	28	15.87			3	1.79	32	18.40
1969	-	-	2	1.10	21	11.83			3	2.02	25	14.43
1970	1	0.51	2	1.51	16	9.80			3	1.97	22	13.79
1971	-	-	2	1.04	11	6.23			4	2.04	17	9.31
1972	6	3.12	2	1.02	24	14.05			8	3.78	38	20.95
1973	1	0.84	5	2.20	12	5.64			14	6.32	31	14.53
1974	1	0.54	4	1.74	15	6.65			5	2.22	24	10.70
1975	3	1.63	-	-	18	8.27			9	3.70	29	13.18
1976	3	1.25	5	2.20	10	4.37			7	3.14	23	9.79
1977	2	0.70	2	0.70	12	4.03			9	3.07	24	8.26
1978	3	1.22	6	1.82	10	3.58			9	3.12	28	9.74
1979	5	1.81	6	2.15	5	1.56	1	0.28	6	1.95	23	7.75
1980	2	0.94	8	2.79	11	3.78	-	-	7	1.89	28	9.39
1981	2	0.81	14	4.07	12	3.35	-	-	2	0.61	30	8.85
1982	6	1.86	10	2.44	10	3.54	-	-	-	-	26	7.85
1983	3	0.86	9	2.76	9	2.40	-	-	5	1.35	26	7.36
1984	7	1.84	10	2.68	7	1.63	1	0.38	3	0.80	27	6.96
1985	10	2.21	8	1.78	3	0.59	-	-	2	0.46	23	5.04
1986	5	0.86	7	1.43	7	1.36	-	-	4	0.68	23	4.33
1987	8	1.84	2	0.29	5	0.93	-	-	3	0.46	16	3.17
1988	7	1.82	4	0.92	1	0.16	-	-	1	0.11	13	3.01
1989	3	0.54	5	0.87	6	1.15	-	-	2	0.38	16	2.95
1990	6	1.39	5	0.97	5	1.24	1	0.36	3	0.40	20	4.36
1991	6	1.51	4	0.60	2	0.50	-	-	1	0.36	13	2.97
1992	8	1.72	2	0.23	1	0.21	-	-	2	0.35	13	2.51

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



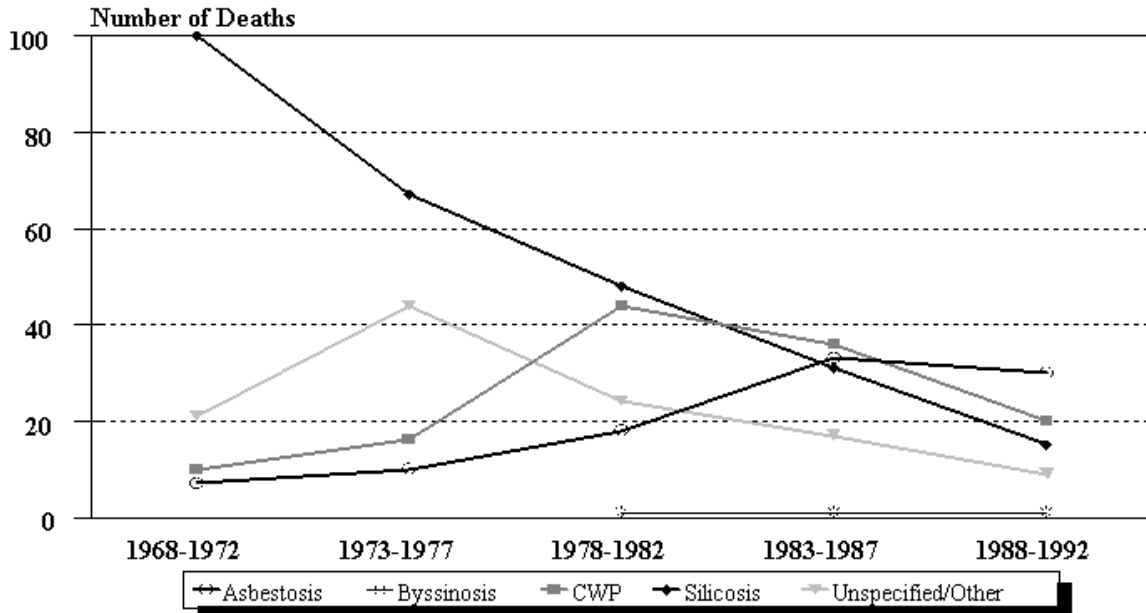
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		590	100.0	75	100.0
Sex	Male	563	95.4	75	100.0
	Female	27	4.6	0	0.0
Race	White	573	97.1	71	94.7
	Black	8	1.4	2	2.7
	Other	9	1.5	2	2.7
Age	15-24	0	0.0	0	0.0
	25-34	1	0.2	0	0.0
	35-44	5	0.8	0	0.0
	45-54	19	3.2	2	2.7
	55-64	98	16.6	13	17.3
	65-74	219	37.1	23	30.7
	75-84	199	33.7	27	36.0
	85+	49	8.3	10	13.3
Mean age		71.8		73.7	
Range for age		30-95		48-93	

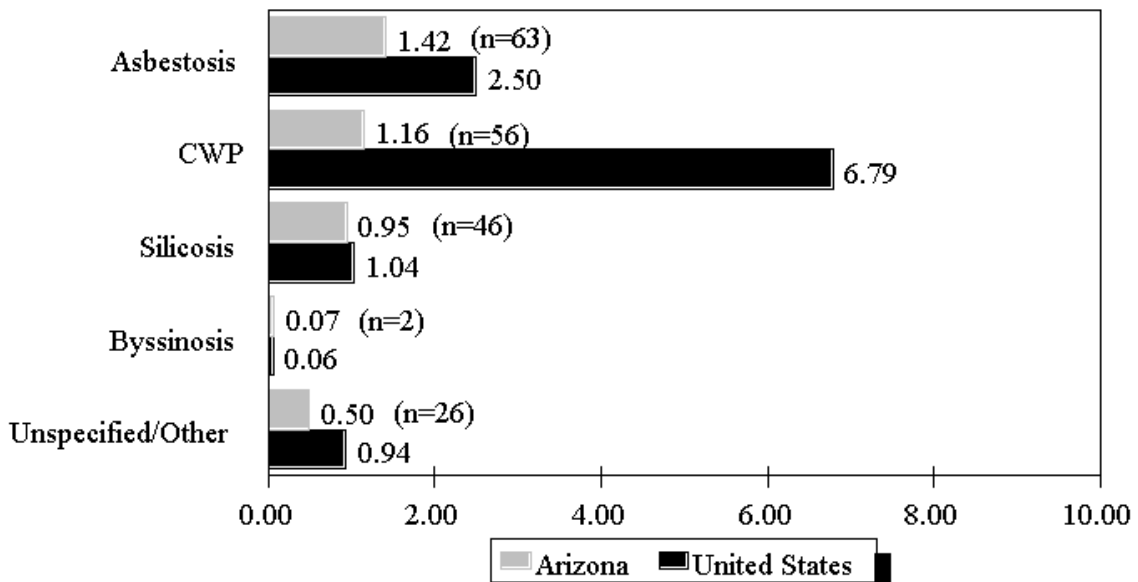
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure AZ-3. Pneumoconiosis deaths by condition, Arizona 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 AZ-4. Arizona 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 AZ-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Arizona 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
Apache	-	-	2	4.76	-	-	-	-	-	-	2	4.76
Cochise	4	3.33	3	2.30	3	2.30	-	-	-	-	10	7.94
Coconino	1	1.55	1	1.55	-	-	-	-	-	-	2	3.09
Gila	-	-	-	-	1	1.05	-	-	2	2.88	3	3.93
Graham	-	-	-	-	-	-	-	-	2	4.26	2	4.26
Greenlee	-	-	-	-	2	21.74	-	-	-	-	2	21.74
Maricopa	35	1.50	28	1.14	21	0.74	-	-	14	0.49	96	3.81
Mohave	3	1.99	2	1.26	4	2.72	-	-	-	-	9	5.97
Navajo	1	1.83	-	-	1	1.83	-	-	-	-	2	3.67
Pima	9	0.96	13	1.43	9	1.20	1	0.16	4	0.56	35	4.15
Pinal	3	2.25	2	1.39	2	1.06	-	-	1	0.53	8	5.24
Yavapai	3	1.58	4	2.21	3	1.29	-	-	2	0.67	12	5.75
Yuma	4	3.39	1	0.95	-	-	1	0.95	1	0.56	7	5.72

- 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.



Arkansas: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	59	37
Crude mortality rate (per 1,000,000 population)	6.43	33
Age-adjusted mortality rate (per 1,000,000 population)	3.16	39
Total years of potential life lost to life expectancy	699	36
Years of potential life lost to life expectancy (per death)	11.8	28

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	20	33.9
Coal workers' pneumoconiosis	29	49.2
Silicosis	5	8.5
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	5	8.5

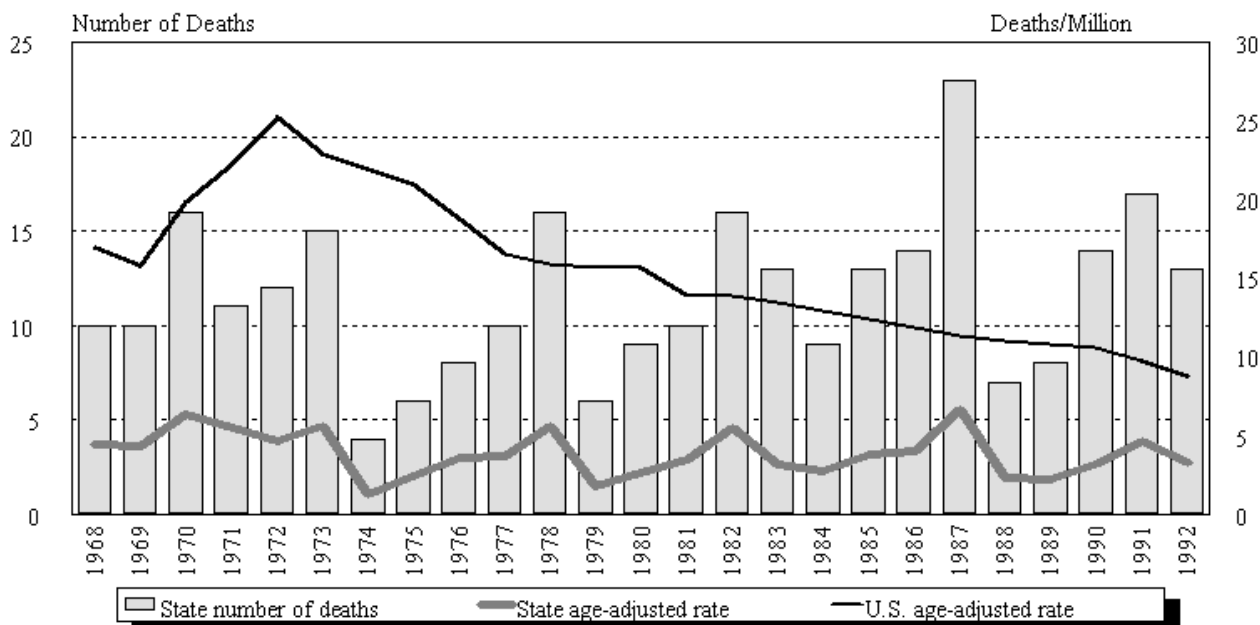
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 AR-1. All pneumoconioses: Arkansas 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.

## Arkansas

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

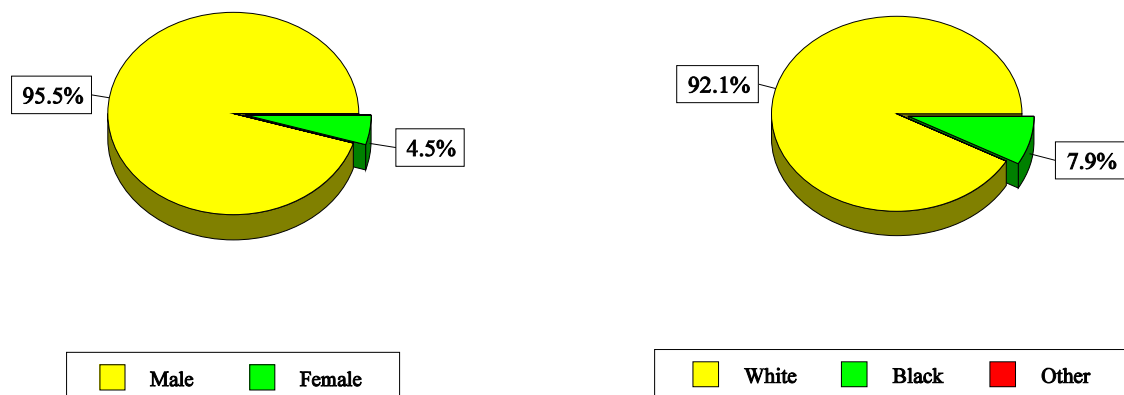
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	7	3.12			3	1.39	10	4.51
1969	-	-	2	0.75	3	1.51			5	2.07	10	4.33
1970	-	-	1	0.32	11	4.40			4	1.61	16	6.32
1971	-	-	2	1.06	4	2.01			6	2.97	11	5.52
1972	-	-	-	-	6	2.68			6	2.02	12	4.70
1973	-	-	3	1.21	4	1.62			8	2.77	15	5.60
1974	-	-	-	-	-	-			4	1.23	4	1.23
1975	-	-	1	0.37	1	0.51			4	1.53	6	2.41
1976	-	-	1	0.28	3	1.45			4	1.87	8	3.60
1977	-	-	3	1.06	2	0.71			5	1.90	10	3.67
1978	1	0.35	4	1.21	2	0.83			9	3.28	16	5.67
1979	-	-	3	1.07	1	0.34	-	-	2	0.40	6	1.81
1980	1	0.25	7	2.11	2	0.58	-	-	-	-	9	2.69
1981	2	0.67	4	0.75	4	2.13	-	-	-	-	10	3.55
1982	2	0.67	8	2.48	2	0.95	-	-	4	1.42	16	5.52
1983	1	0.33	8	1.83	4	1.05	-	-	-	-	13	3.22
1984	3	1.13	4	1.24	-	-	-	-	2	0.34	9	2.72
1985	-	-	9	1.96	2	1.20	-	-	2	0.66	13	3.82
1986	7	2.24	6	1.50	-	-	-	-	1	0.33	14	4.08
1987	10	3.65	7	1.38	2	0.69	-	-	4	0.98	23	6.69
1988	4	1.70	3	0.60	-	-	-	-	-	-	7	2.30
1989	1	0.20	4	0.92	2	0.83	-	-	1	0.33	8	2.28
1990	4	1.22	9	1.66	-	-	-	-	1	0.33	14	3.21
1991	6	2.05	7	1.38	2	0.70	-	-	2	0.52	17	4.64
1992	5	1.53	6	1.05	1	0.54	-	-	1	0.19	13	3.31

- 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 AR-2. All pneumoconioses: Distribution of deaths by sex and race, Arkansas 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.

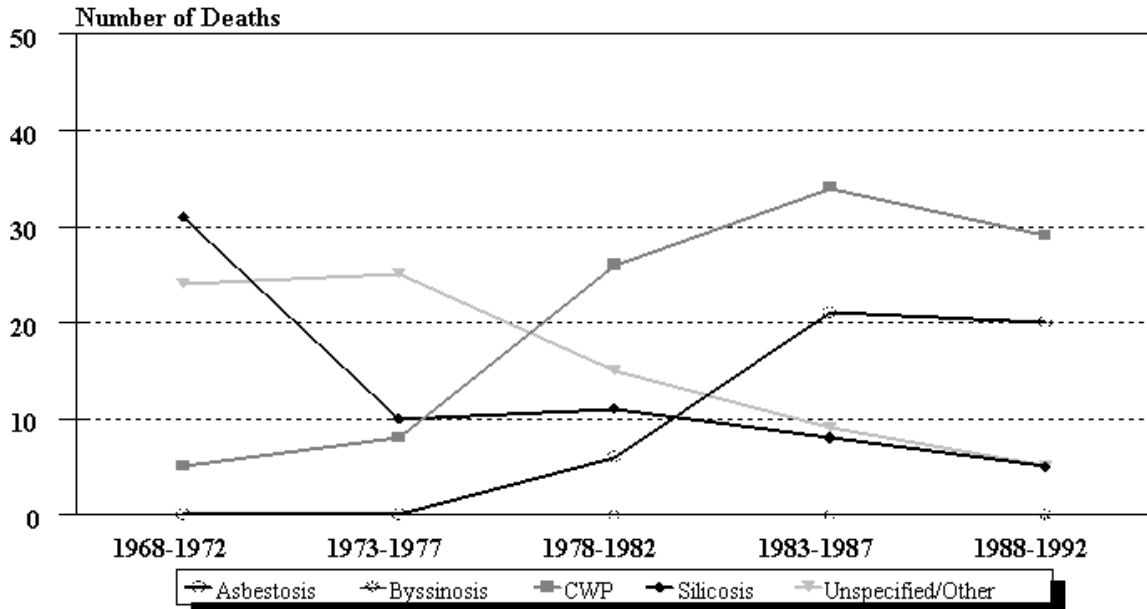
**Table AR-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Arkansas residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		290	100.0	59	100.0
Sex	Male	277	95.5	58	98.3
	Female	13	4.5	1	1.7
Race	White	267	92.1	53	89.8
	Black	23	7.9	6	10.2
	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	3	1.0	1	1.7
	45-54	10	3.4	1	1.7
	55-64	50	17.2	7	11.9
	65-74	96	33.1	16	27.1
	75-84	102	35.2	25	42.4
	85+	29	10.0	9	15.3
Mean age		72.3		75.2	
Range for age		41-97		44-97	

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.

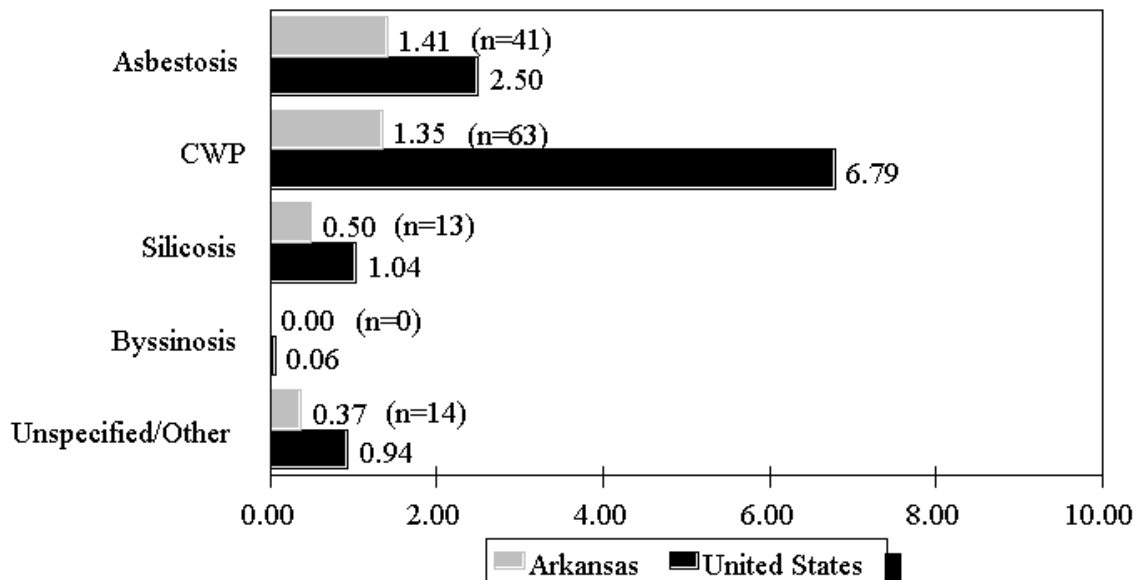
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure AR-3. Pneumoconiosis deaths by condition, Arkansas 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 AR-4. Arkansas 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 AR-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Arkansas 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
Ashley	1	4.02	-	-	-	-	-	-	-	-	1	4.02
Baxter	1	1.83	1	0.74	-	-	-	-	-	-	2	2.57
Benton	2	1.74	1	0.43	-	-	-	-	-	-	3	2.17
Clark	2	8.74	1	4.37	-	-	-	-	-	-	3	13.12
Clay	-	-	1	1.61	-	-	-	-	-	-	1	1.61
Cleveland	1	4.97	-	-	-	-	-	-	-	-	1	4.97
Columbia	1	1.30	1	1.30	-	-	-	-	-	-	2	2.59
Crawford	-	-	1	2.69	-	-	-	-	-	-	1	2.69
Crittenden	-	-	1	2.49	-	-	-	-	-	-	1	2.49
Dallas	1	3.24	-	-	-	-	-	-	-	-	1	3.24
Drew	1	6.13	-	-	-	-	-	-	-	-	1	6.13
Faulkner	1	1.07	1	1.07	-	-	-	-	-	-	2	2.14
Franklin	-	-	2	8.42	-	-	-	-	4	16.84	6	25.26
Fulton	1	3.13	2	10.04	1	3.13	-	-	-	-	4	16.30
Garland	-	-	1	0.42	-	-	-	-	1	0.42	2	0.83
Greene	1	1.28	-	-	-	-	-	-	-	-	1	1.28
Hempstead	-	-	-	-	1	7.08	-	-	-	-	1	7.08
Hot Spring	-	-	-	-	1	3.24	-	-	-	-	1	3.24
Independence	-	-	-	-	1	3.05	-	-	-	-	1	3.05
Jefferson	2	2.46	-	-	1	0.54	-	-	-	-	3	3.00
Johnson	-	-	14	34.80	-	-	-	-	1	1.88	15	36.68
Lincoln	-	-	1	3.42	-	-	-	-	-	-	1	3.42
Logan	1	1.68	4	9.36	-	-	-	-	1	4.32	6	15.36
Lonoke	2	6.06	1	1.39	-	-	-	-	-	-	3	7.45
Miller	1	2.60	-	-	-	-	-	-	-	-	1	2.60
Mississippi	1	2.02	-	-	-	-	-	-	-	-	1	2.02
Montgomery	-	-	1	4.20	2	18.22	-	-	-	-	3	22.42
Nevada	1	8.41	-	-	1	3.07	-	-	-	-	2	11.47
Ouachita	2	5.64	2	4.01	-	-	-	-	-	-	4	9.65
Perry	-	-	1	5.56	-	-	-	-	-	-	1	5.56
Phillips	1	5.69	-	-	-	-	-	-	-	-	1	5.69

See footnotes at end of table.

## Arkansas

**Table AR-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Arkansas 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
Poinsett	1	3.73	-	-	-	-	-	-	-	-	1	3.73
Polk	-	-	1	1.85	-	-	-	-	-	-	1	1.85
Pope	-	-	4	4.56	-	-	-	-	1	2.48	5	7.04
Pulaski	8	2.33	1	0.17	4	1.07	-	-	-	-	13	3.57
St. Francis	1	3.67	-	-	-	-	-	-	-	-	1	3.67
Saline	3	3.90	1	1.04	-	-	-	-	-	-	4	4.94
Scott	-	-	2	11.94	-	-	-	-	-	-	2	11.94
Sebastian	1	1.04	11	5.61	1	1.04	-	-	4	2.99	17	10.68
Sharp	-	-	1	4.13	-	-	-	-	-	-	1	4.13
Union	1	0.78	-	-	-	-	-	-	-	-	1	0.78
Washington	1	0.51	1	0.51	-	-	-	-	-	-	2	1.02
White	1	1.83	2	2.62	-	-	-	-	1	1.83	4	6.28
Yell	-	-	2	4.35	-	-	-	-	1	4.88	3	9.23

- 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.



California: Selected statistics from the United States section

<b>All pneumoconioses mortality, 1988-1992</b>		
	<u>Value</u>	<u>State rank</u>
Total deaths	688	6
Crude mortality rate (per 1,000,000 population)	5.93	37
Age-adjusted mortality rate (per 1,000,000 population)	4.12	33
Total years of potential life lost to life expectancy	8,612	6
Years of potential life lost to life expectancy (per death)	12.5	15

<b>Deaths by type of pneumoconiosis, 1988-1992</b>		
	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	459	66.7
Coal workers' pneumoconiosis	114	16.6
Silicosis	78	11.3
Byssinosis	4	0.6
Unspecified/Other pneumoconiosis	36	5.2

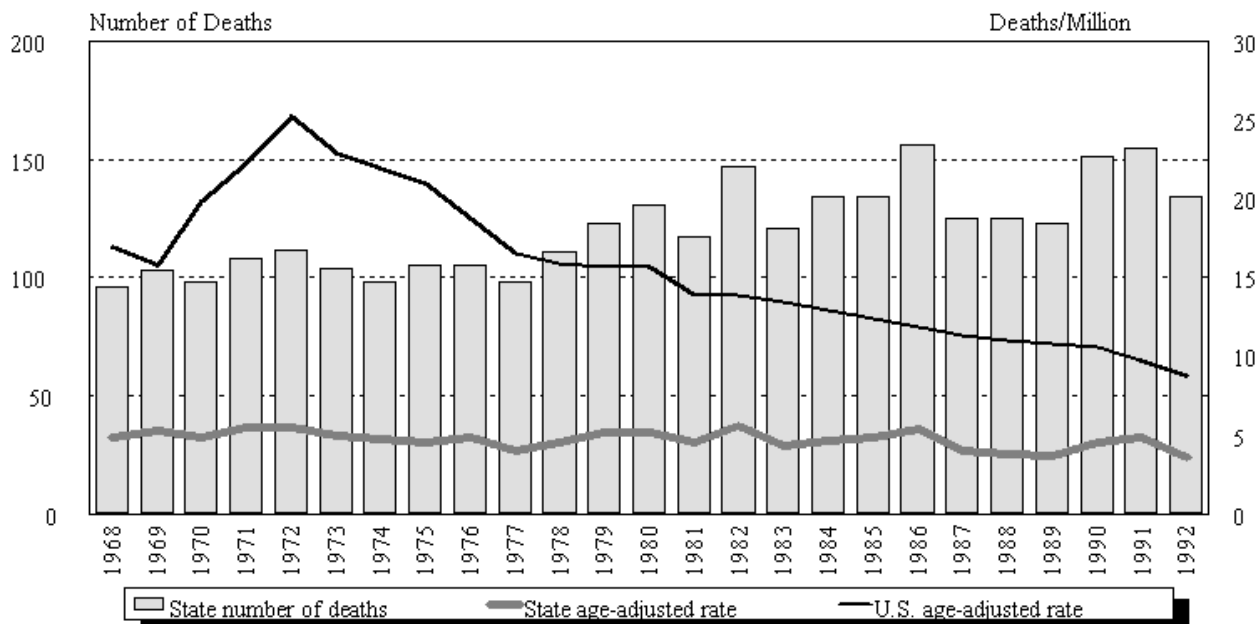
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 CA-1. All pneumoconioses: California 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.

## California

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

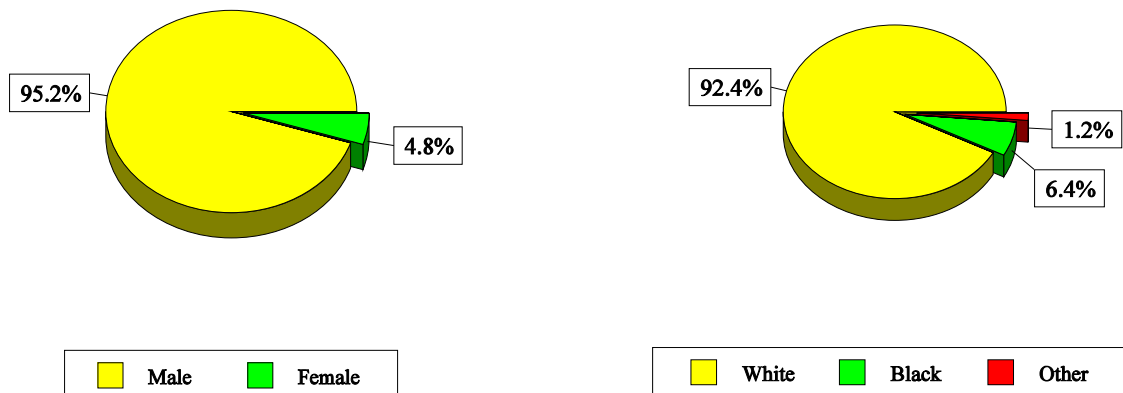
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	6	0.39	14	0.59	46	2.34			32	1.70	96	4.91
1969	10	0.60	12	0.58	56	2.90			27	1.39	103	5.35
1970	5	0.30	18	0.93	59	2.94			20	0.96	98	4.92
1971	11	0.63	17	0.79	51	2.56			33	1.72	108	5.52
1972	8	0.46	18	0.71	46	2.27			46	2.36	112	5.53
1973	17	0.94	20	0.87	37	1.75			33	1.55	104	4.96
1974	9	0.50	21	0.97	41	1.90			30	1.52	98	4.76
1975	11	0.54	25	1.02	34	1.33			37	1.73	105	4.54
1976	23	1.09	24	1.02	28	1.33			32	1.53	105	4.87
1977	24	1.03	17	0.60	27	1.08			30	1.29	98	4.00
1978	33	1.47	20	0.71	30	1.17			35	1.53	111	4.59
1979	63	2.84	24	1.04	21	0.84	-	-	17	0.62	123	5.24
1980	59	2.50	24	0.93	29	1.08	-	-	21	0.75	131	5.20
1981	57	2.44	24	0.78	22	0.80	-	-	14	0.55	117	4.56
1982	86	3.56	21	0.71	26	0.86	2	0.08	18	0.62	147	5.60
1983	67	2.59	25	0.77	19	0.68	-	-	13	0.44	121	4.37
1984	77	2.88	24	0.76	22	0.70	-	-	14	0.50	134	4.72
1985	83	3.22	20	0.61	22	0.78	1	0.05	11	0.33	134	4.88
1986	112	4.08	23	0.65	14	0.45	-	-	8	0.25	156	5.38
1987	80	2.77	18	0.45	17	0.58	-	-	10	0.26	125	4.06
1988	81	2.62	16	0.40	19	0.50	1	0.04	10	0.26	125	3.78
1989	87	2.64	7	0.21	16	0.42	2	0.10	11	0.36	123	3.74
1990	102	3.11	28	0.85	15	0.36	-	-	7	0.22	151	4.52
1991	94	2.72	41	1.56	16	0.44	-	-	4	0.14	155	4.86
1992	95	2.66	22	0.55	12	0.30	1	0.03	4	0.12	134	3.66

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



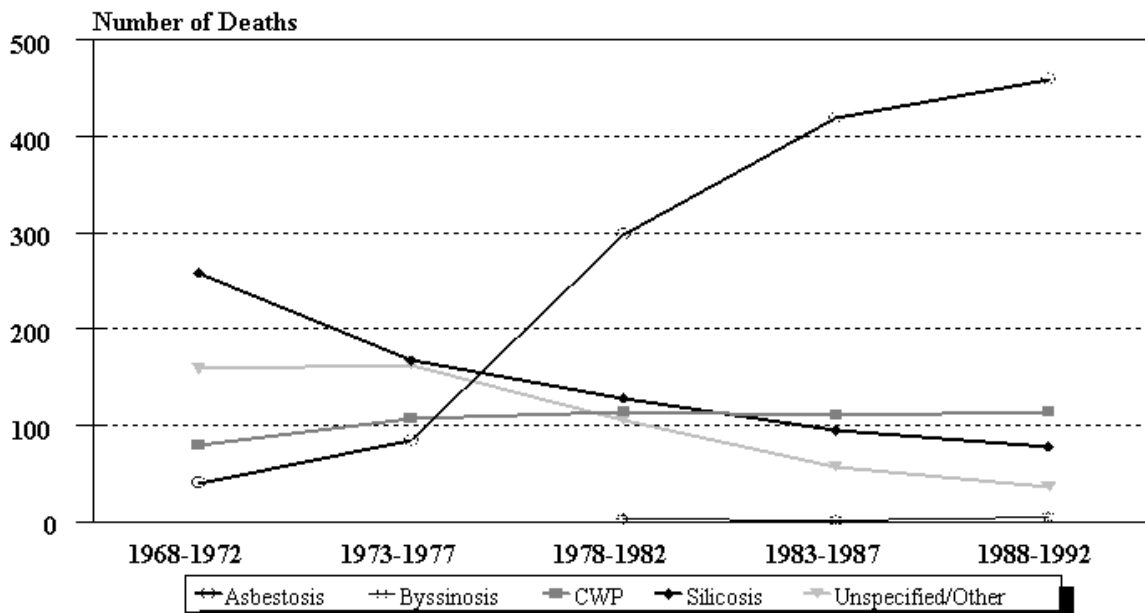
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		3,014	100.0	688	100.0
Sex	Male	2,870	95.2	661	96.1
	Female	144	4.8	27	3.9
Race	White	2,783	92.4	610	88.7
	Black	194	6.4	63	9.2
	Other	37	1.2	15	2.2
Age	15-24	7	0.2	2	0.3
	25-34	7	0.2	2	0.3
	35-44	33	1.1	8	1.2
	45-54	99	3.3	20	2.9
	55-64	522	17.3	85	12.4
	65-74	1,043	34.6	212	30.8
	75-84	999	33.1	277	40.3
	85+	304	10.1	82	11.9
Mean age		72.2		73.6	
Range for age		18-104		19-104	

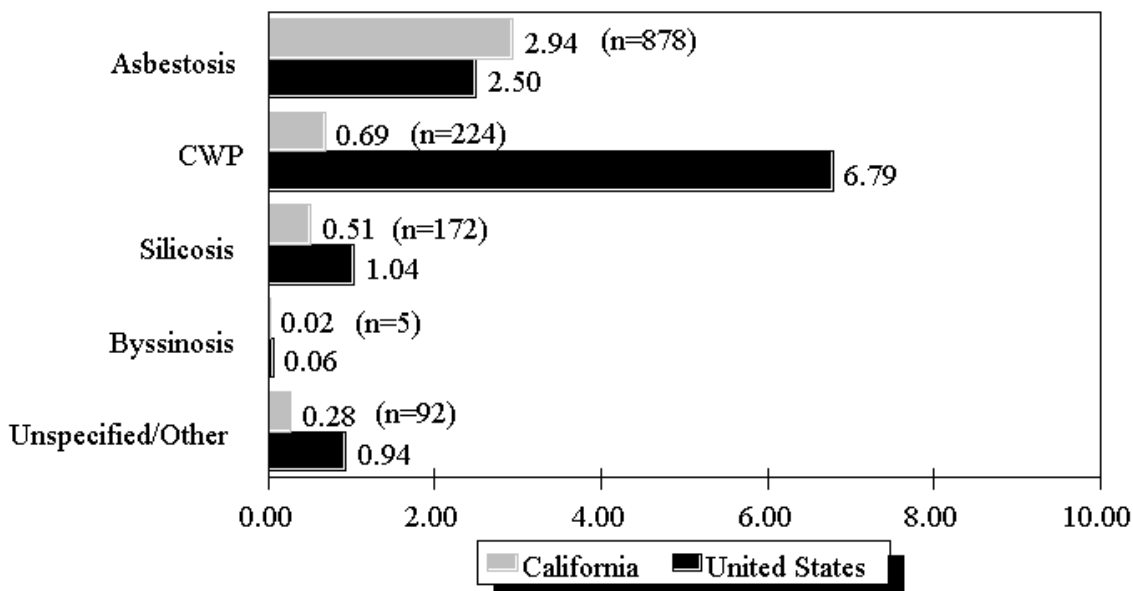
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure CA-3. Pneumoconiosis deaths by condition, California 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 CA-4. California 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 CA-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, California 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
Alameda	75	5.88	3	0.20	13	0.85	-	-	3	0.30	94	7.23
Amador	2	5.77	-	-	-	-	-	-	2	3.14	4	8.91
Butte	8	3.30	3	0.68	3	1.28	-	-	-	-	14	5.26
Calaveras	1	1.55	-	-	-	-	-	-	-	-	1	1.55
Colusa	-	-	1	3.46	-	-	-	-	-	-	1	3.46
Contra Costa	76	9.18	2	0.24	12	1.46	-	-	2	0.17	90	10.75
El Dorado	6	4.19	-	-	4	2.41	-	-	3	2.56	12	8.56
Fresno	7	1.01	10	1.27	5	0.71	1	0.25	3	0.51	26	3.74
Humboldt	3	2.90	2	1.93	-	-	-	-	-	-	5	4.83
Imperial	3	2.57	1	1.56	1	0.73	-	-	-	-	5	4.85
Kern	6	1.53	6	0.86	5	1.02	1	0.25	1	0.25	19	3.90
Kings	-	-	1	0.93	-	-	-	-	-	-	1	0.93
Lake	3	2.69	3	4.46	1	0.67	-	-	-	-	6	7.14
Lassen	-	-	2	7.28	-	-	-	-	-	-	2	7.28
Los Angeles	174	2.22	37	0.39	22	0.27	-	-	20	0.24	251	3.10
Madera	3	3.32	-	-	-	-	-	-	-	-	3	3.32
Marin	11	4.04	2	0.51	2	0.51	-	-	2	0.92	17	5.98
Mariposa	2	8.70	-	-	2	8.70	-	-	-	-	4	17.40
Mendocino	2	1.98	1	1.31	2	1.98	-	-	-	-	4	4.60
Merced	2	1.25	1	0.78	2	1.25	-	-	-	-	5	3.28
Modoc	1	8.55	-	-	-	-	-	-	-	-	1	8.55
Monterey	4	1.17	2	0.59	2	0.77	1	0.38	1	0.20	10	3.11
Napa	24	14.91	3	1.55	1	0.35	-	-	-	-	28	16.81
Nevada	5	3.40	-	-	8	6.10	-	-	1	1.06	13	9.50
Orange	59	2.70	11	0.43	13	0.52	-	-	8	0.41	90	4.02
Placer	10	5.25	1	0.37	4	1.79	-	-	1	0.68	16	8.09
Plumas	-	-	1	2.59	-	-	-	-	-	-	1	2.59
Riverside	31	2.30	7	0.40	11	0.82	-	-	1	0.05	49	3.52
Sacramento	29	2.82	3	0.21	6	0.62	-	-	4	0.33	42	3.98
San Benito	1	3.72	-	-	-	-	-	-	-	-	1	3.72
San Bernardino	26	2.17	7	0.52	7	0.62	-	-	6	0.46	46	3.78

See footnotes at end of table.

## California

**Table CA-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, California 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
San Diego	59	2.62	24	0.83	4	0.15	-	-	2	0.09	87	3.59
San Francisco	56	5.58	3	0.25	5	0.44	-	-	1	0.06	65	6.33
San Joaquin	6	1.18	3	0.39	4	0.79	-	-	7	0.92	20	3.28
San Luis Obispo	4	1.21	1	0.50	1	0.50	-	-	1	0.24	7	2.45
San Mateo	32	4.36	3	0.42	3	0.34	-	-	5	0.52	43	5.65
Santa Barbara	5	1.25	6	1.40	2	0.29	-	-	5	1.25	18	4.19
Santa Clara	20	1.56	2	0.11	8	0.52	-	-	3	0.21	33	2.40
Santa Cruz	8	2.90	1	0.23	-	-	1	0.58	-	-	10	3.72
Shasta	9	4.68	3	1.77	2	1.07	-	-	1	0.38	15	7.90
Siskiyou	3	4.07	1	1.03	1	1.03	-	-	2	3.04	7	9.18
Solano	40	16.13	5	2.08	1	0.29	1	0.42	1	0.29	48	19.21
Sonoma	28	5.93	48	13.93	3	0.56	-	-	2	0.26	81	20.68
Stanislaus	4	1.07	3	0.53	-	-	-	-	-	-	7	1.61
Sutter	1	1.74	-	-	-	-	-	-	-	-	1	1.74
Tehama	2	2.67	1	0.89	2	3.56	-	-	-	-	5	7.11
Trinity	-	-	-	-	1	4.38	-	-	-	-	1	4.38
Tulare	6	1.76	2	0.41	2	0.41	-	-	-	-	10	2.58
Toulumne	1	1.78	-	-	-	-	-	-	-	-	1	1.78
Ventura	14	2.36	6	0.97	7	1.08	-	-	2	0.32	28	4.53
Yolo	3	2.08	-	-	-	-	-	-	2	1.55	5	3.64
Yuba	3	5.47	2	2.51	-	-	-	-	-	-	5	7.98

- 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.

Colorado: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	175	20
Crude mortality rate (per 1,000,000 population)	13.63	12
Age-adjusted mortality rate (per 1,000,000 population)	8.39	11
Total years of potential life lost to life expectancy	1,818	20
Years of potential life lost to life expectancy (per death)	10.4	47

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	22	12.6
Coal workers' pneumoconiosis	87	49.7
Silicosis	58	33.1
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	8	4.6

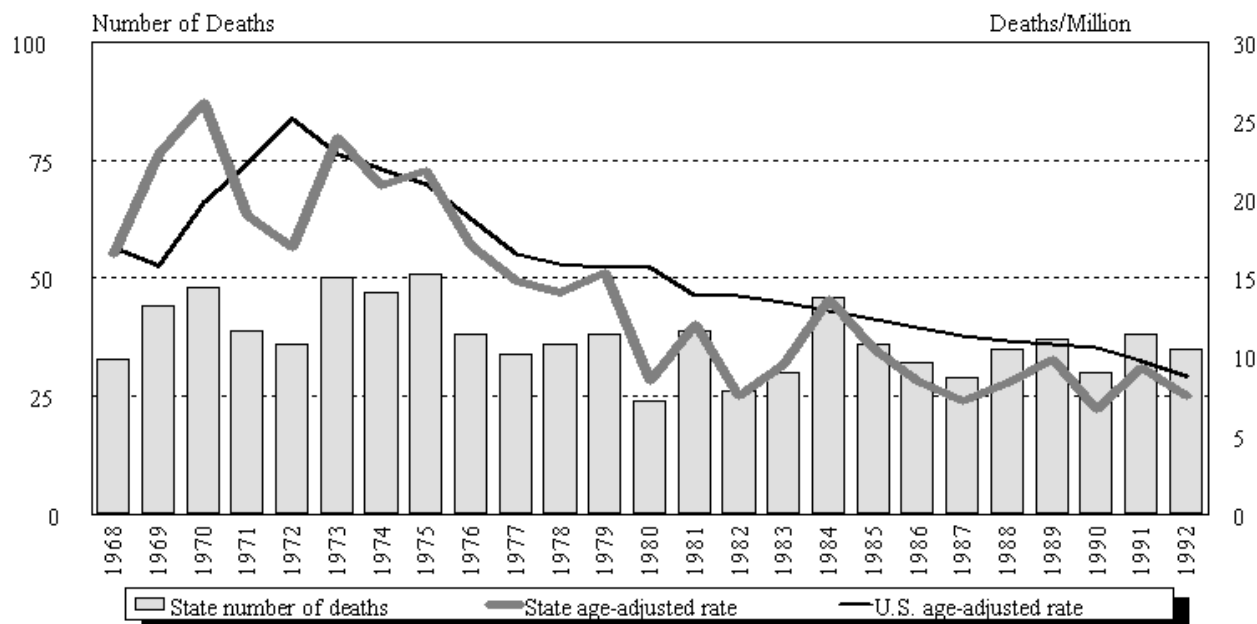
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 CO-1. All pneumoconioses: Colorado 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.

## Colorado

**Table CO-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Colorado 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	0.57	1	0.38	26	13.34			5	2.29	33	16.58
1969	-	-	2	0.62	31	16.52			11	5.80	44	22.94
1970	-	-	6	3.09	32	17.96			13	7.03	48	26.18
1971	-	-	5	2.05	28	14.07			8	3.85	39	19.00
1972	-	-	12	5.36	16	8.63			8	3.00	36	16.99
1973	-	-	10	4.35	22	11.24			19	8.88	50	23.91
1974	-	-	11	4.82	26	11.69			12	5.51	47	20.91
1975	-	-	14	5.59	21	9.21			18	7.71	51	21.78
1976	-	-	11	5.43	23	10.25			6	2.25	38	17.10
1977	2	0.94	11	4.62	13	5.75			8	3.49	34	14.80
1978	2	0.95	11	4.46	13	5.66			10	3.04	36	14.11
1979	-	-	8	3.66	18	6.74	-	-	12	5.02	38	15.41
1980	-	-	10	3.27	8	2.99	-	-	6	2.26	24	8.52
1981	-	-	16	5.02	16	5.60	-	-	7	1.46	39	12.07
1982	-	-	15	3.66	7	2.55	-	-	4	1.28	26	7.49
1983	6	2.50	10	2.22	13	4.55	-	-	2	0.65	30	9.54
1984	7	2.48	25	6.84	10	3.27	-	-	4	1.04	46	13.63
1985	3	0.98	22	5.97	7	2.42	-	-	4	1.10	36	10.47
1986	6	1.92	15	3.43	8	2.23	-	-	4	1.09	32	8.43
1987	3	0.83	15	3.52	8	2.19	-	-	3	0.70	29	7.24
1988	6	1.62	21	4.71	8	2.05	-	-	-	-	35	8.38
1989	3	0.91	17	4.11	16	4.48	-	-	1	0.34	37	9.83
1990	4	1.24	15	3.13	10	2.12	-	-	1	0.23	30	6.72
1991	5	1.32	15	2.82	15	4.55	-	-	3	0.65	38	9.33
1992	4	1.28	19	3.14	9	2.23	-	-	3	0.85	35	7.50

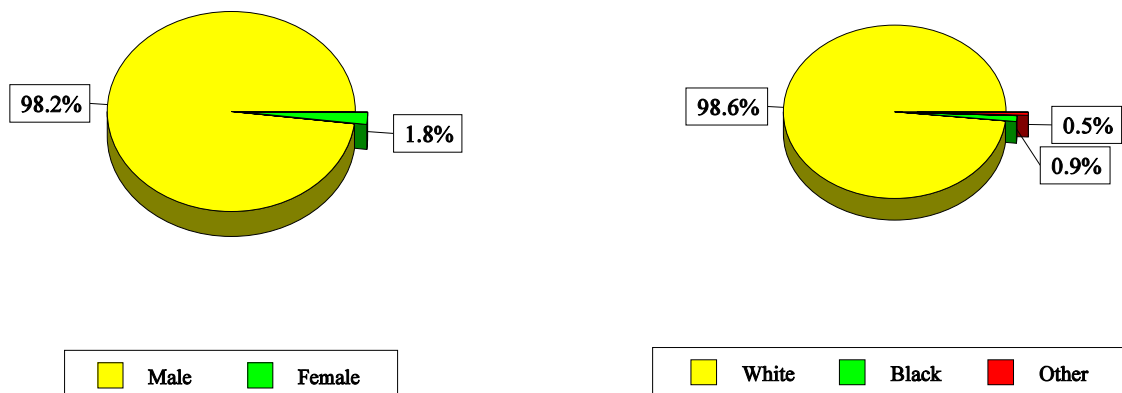
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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



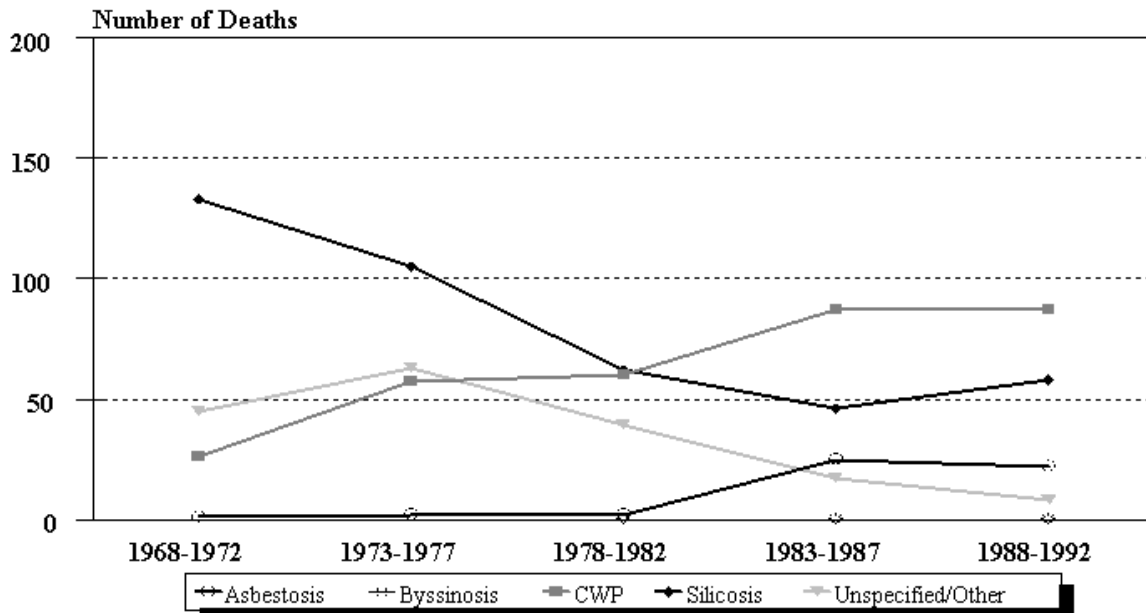
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		931	100.0	175	100.0
Sex	Male	914	98.2	173	98.9
	Female	17	1.8	2	1.1
Race	White	918	98.6	170	97.1
	Black	8	0.9	2	1.1
	Other	5	0.5	3	1.7
Age	15-24	1	0.1	0	0.0
	25-34	2	0.2	0	0.0
	35-44	7	0.8	1	0.6
	45-54	32	3.4	3	1.7
	55-64	152	16.3	10	5.7
	65-74	291	31.3	43	24.6
	75-84	308	33.1	75	42.9
	85+	138	14.8	43	24.6
Mean age		73.1		77.7	
Range for age		23-100		44-98	

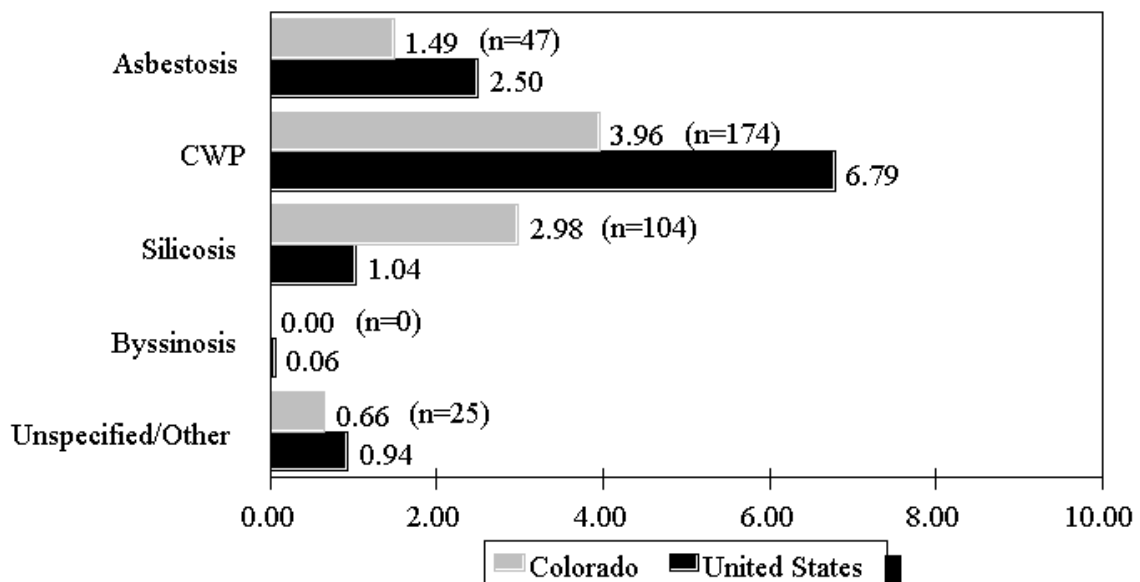
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure CO-3. Pneumoconiosis deaths by condition, Colorado 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 CO-4. Colorado 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 CO-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Colorado 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	2	1.05	7	3.05	5	2.37	-	-	1	0.40	15	6.87
Alamosa	-	-	1	10.84	-	-	-	-	-	-	1	10.84
Arapahoe	4	1.54	5	1.52	4	1.14	-	-	-	-	13	4.20
Boulder	4	2.07	10	4.12	3	1.49	-	-	1	0.38	17	7.69
Chaffee	1	6.71	-	-	2	10.06	-	-	-	-	3	16.77
Conejos	-	-	-	-	1	13.30	-	-	-	-	1	13.30
Crowley	-	-	1	10.22	-	-	-	-	-	-	1	10.22
Delta	1	3.37	10	21.36	4	9.37	-	-	-	-	15	34.10
Denver	9	1.47	16	1.99	13	1.84	-	-	2	0.19	40	5.48
Dolores	-	-	-	-	2	85.14	-	-	-	-	2	85.14
Douglas	-	-	1	3.88	-	-	-	-	-	-	1	3.88
Eagle	1	14.17	-	-	1	14.17	-	-	-	-	2	28.34
El Paso	1	0.37	7	1.94	4	1.09	-	-	-	-	12	3.40
Fremont	2	5.24	28	40.67	4	5.58	-	-	1	2.62	35	54.11
Garfield	-	-	-	-	1	4.65	-	-	-	-	1	4.65
Gunnison	-	-	3	40.21	-	-	-	-	1	17.70	4	57.91
Huerfano	-	-	7	39.66	-	-	-	-	1	4.60	8	44.26
Jefferson	10	2.82	8	2.03	4	0.97	-	-	3	0.75	25	6.57
Lake	-	-	1	22.27	1	22.27	-	-	1	15.85	3	60.39
Laplata	-	-	-	-	2	7.90	-	-	-	-	2	7.90
Larimer	3	1.13	3	1.13	-	-	-	-	-	-	6	2.27
Las Animas	-	-	24	64.55	2	4.12	-	-	11	33.98	37	102.65
Lincoln	-	-	1	6.64	-	-	-	-	-	-	1	6.64
Mesa	5	3.76	10	6.85	11	9.19	-	-	-	-	25	18.71
Mineral	-	-	-	-	3	351.61	-	-	-	-	3	351.61
Montezuma	1	5.43	3	13.96	5	24.81	-	-	1	5.43	10	49.63
Montrose	-	-	3	7.12	10	25.01	-	-	-	-	13	32.13
Morgan	-	-	1	1.76	-	-	-	-	-	-	1	1.76
Otero	-	-	1	1.66	-	-	-	-	-	-	1	1.66
Ouray	-	-	-	-	4	134.34	-	-	-	-	4	134.34
Park	-	-	-	-	1	21.09	-	-	-	-	1	21.09

See footnotes at end of table.

## Colorado

**Table CO-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Colorado 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
Phillips	-	-	-	-	1	6.03	-	-	-	-	1	6.03
Pueblo	2	1.11	8	3.29	7	5.04	-	-	1	0.36	18	9.81
Routt	-	-	2	24.02	-	-	-	-	-	-	2	24.02
Saguache	-	-	-	-	2	24.46	-	-	-	-	2	24.46
San Juan	-	-	-	-	2	331.59	-	-	-	-	2	331.59
Washington	1	30.03	-	-	-	-	-	-	-	-	1	30.03
Weld	-	-	13	7.80	5	4.09	-	-	1	1.01	19	12.90

- 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.

Connecticut: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	107	28
Crude mortality rate (per 1,000,000 population)	8.07	28
Age-adjusted mortality rate (per 1,000,000 population)	4.34	32
Total years of potential life lost to life expectancy	1,204	28
Years of potential life lost to life expectancy (per death)	11.3	40

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	66	61.7
Coal workers' pneumoconiosis	13	12.1
Silicosis	13	12.1
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	15	14.0

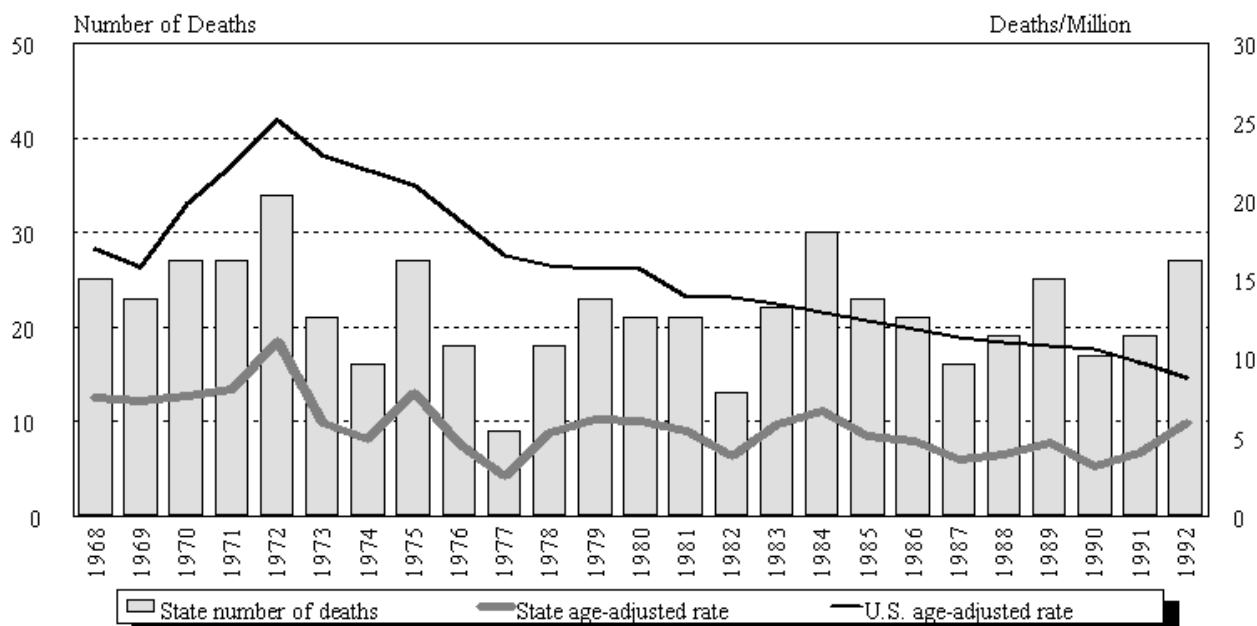
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 CT-1. All pneumoconioses: Connecticut 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.

## Connecticut

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

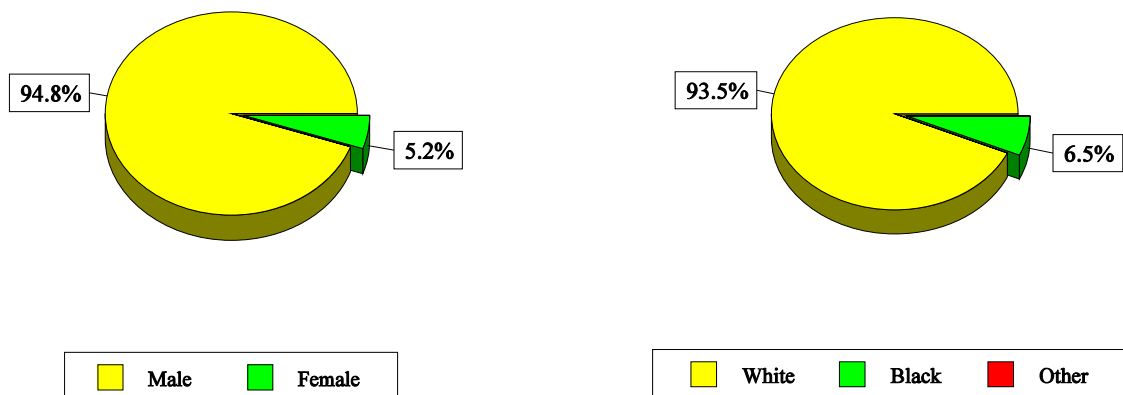
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	6	1.67	13	3.86			7	2.41	25	7.56
1969	1	0.38	4	1.36	12	3.55			6	2.07	23	7.35
1970	1	0.38	3	0.80	16	4.45			8	2.22	27	7.67
1971	2	0.73	7	1.91	6	1.82			12	3.62	27	8.08
1972	4	1.43	10	3.95	10	2.54			10	3.21	34	11.12
1973	2	0.38	5	1.52	6	1.94			9	2.43	21	5.92
1974	2	0.76	2	0.69	9	2.51			3	0.92	16	4.88
1975	4	1.51	4	1.23	10	2.63			9	2.49	27	7.87
1976	-	-	1	0.23	10	2.18			7	2.18	18	4.58
1977	2	0.54	2	0.44	3	0.77			3	1.07	9	2.49
1978	4	1.27	2	0.23	5	1.40			7	2.35	18	5.25
1979	3	0.99	12	2.94	6	1.57	-	-	3	0.99	23	6.17
1980	3	1.10	7	1.69	6	1.63	-	-	5	1.61	21	6.03
1981	4	1.10	3	0.87	3	0.71	-	-	11	2.72	21	5.40
1982	2	0.64	1	0.28	7	2.29	-	-	3	0.58	13	3.80
1983	11	3.32	4	0.76	4	0.99	-	-	3	0.80	22	5.87
1984	7	1.86	7	1.22	9	2.13	1	0.19	7	1.49	30	6.70
1985	8	1.93	6	1.01	6	1.58	-	-	3	0.54	23	5.06
1986	12	3.02	3	0.44	3	0.71	-	-	3	0.62	21	4.80
1987	9	2.30	3	0.43	2	0.35	-	-	2	0.51	16	3.59
1988	10	2.23	1	0.17	5	1.03	-	-	3	0.51	19	3.93
1989	14	2.79	6	0.91	1	0.16	-	-	4	0.76	25	4.62
1990	11	1.89	2	0.51	2	0.41	-	-	2	0.41	17	3.22
1991	14	3.42	1	0.08	2	0.41	-	-	2	0.16	19	4.06
1992	17	4.05	3	0.39	3	0.66	-	-	4	0.82	27	5.91

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



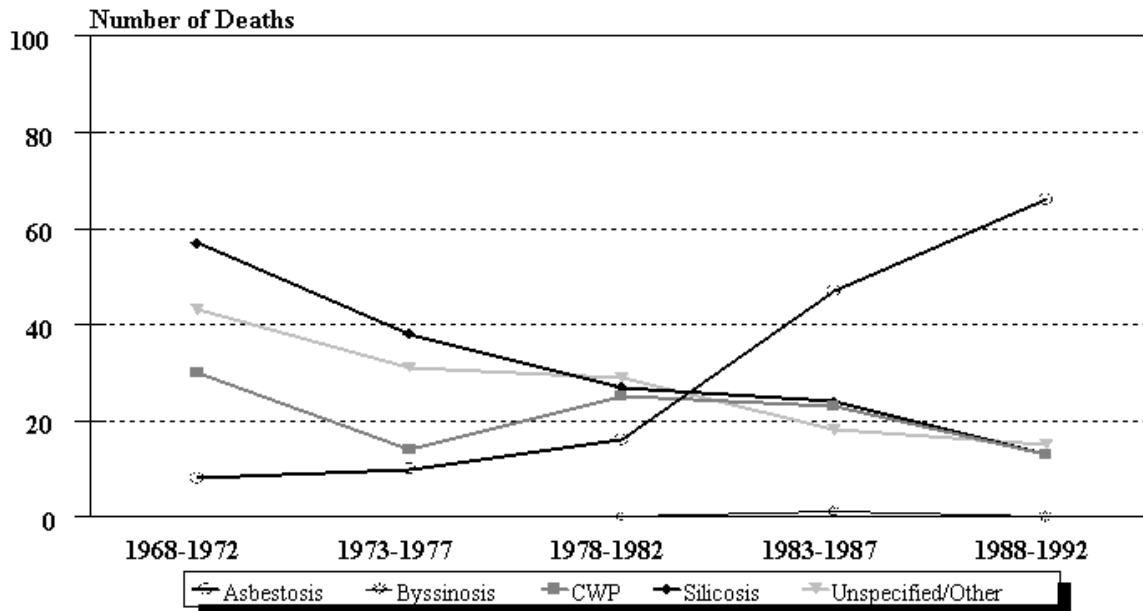
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		542	100.0	107	100.0
Sex	Male	514	94.8	102	95.3
	Female	28	5.2	5	4.7
Race	White	507	93.5	101	94.4
	Black	35	6.5	6	5.6
	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	4	0.7	0	0.0
	45-54	25	4.6	0	0.0
	55-64	87	16.1	9	8.4
	65-74	173	31.9	42	39.3
	75-84	190	35.1	41	38.3
	85+	63	11.6	15	14.0
Mean age		72.6		75.1	
Range for age		40-97		59-93	

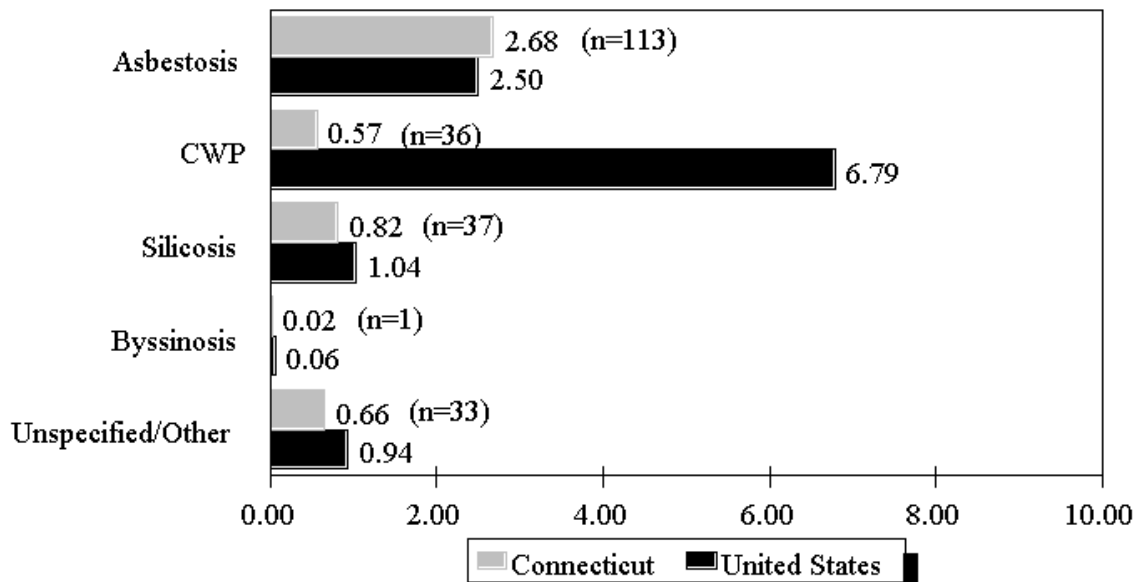
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure CT-3. Pneumoconiosis deaths by condition, Connecticut 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 CT-4. Connecticut 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 CT-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Connecticut 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
Fairfield	20	1.60	22	1.50	11	0.78	-	-	12	1.06	64	4.88
Hartford	26	2.40	5	0.28	8	0.57	-	-	10	0.80	49	4.04
Litchfield	4	1.71	3	0.80	1	0.59	-	-	3	0.80	11	3.89
Middlesex	4	1.79	-	-	2	0.69	-	-	-	-	6	2.48
New Haven	16	1.42	4	0.22	9	0.97	-	-	7	0.59	36	3.21
New London	38	14.97	-	-	5	2.31	1	0.23	1	0.23	45	17.74
Tolland	3	3.21	-	-	-	-	-	-	-	-	3	3.21
Windham	2	2.23	2	1.61	1	1.12	-	-	-	-	5	4.96

- 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.



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

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	65	33
Crude mortality rate (per 1,000,000 population)	24.60	5
Age-adjusted mortality rate (per 1,000,000 population)	16.54	5
Total years of potential life lost to life expectancy	895	32
Years of potential life lost to life expectancy (per death)	13.8	6

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	49	75.4
Coal workers' pneumoconiosis	12	18.5
Silicosis	4	6.2
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	2	3.1

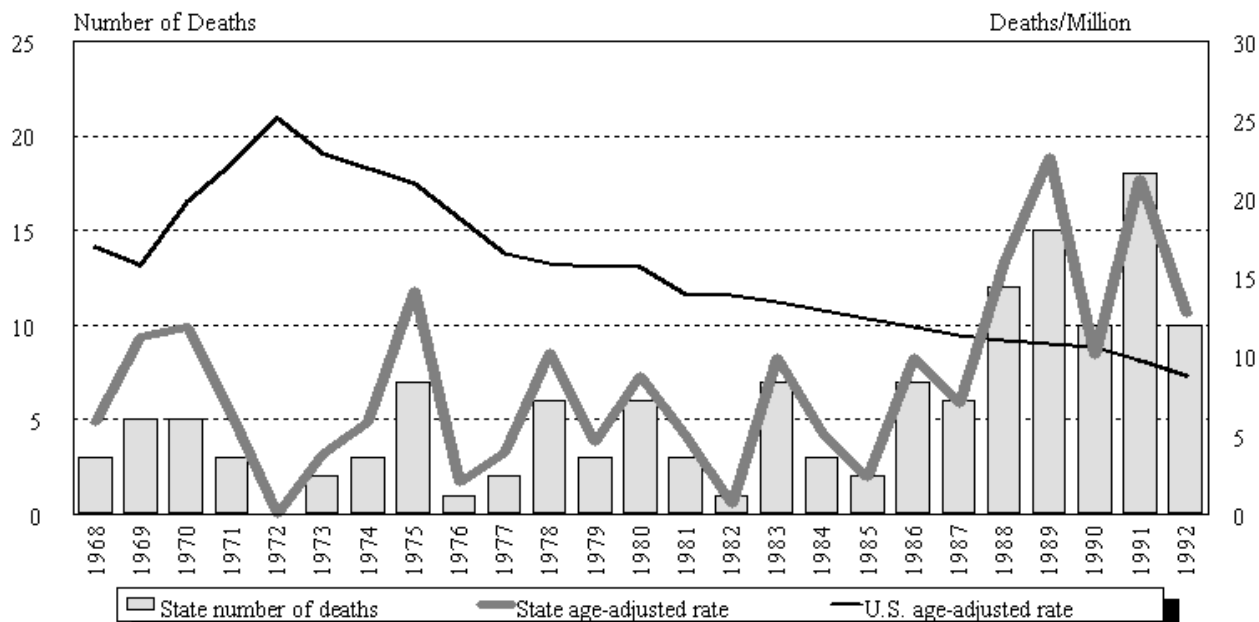
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 DE-1. All pneumoconioses: Delaware 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.

## Delaware

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

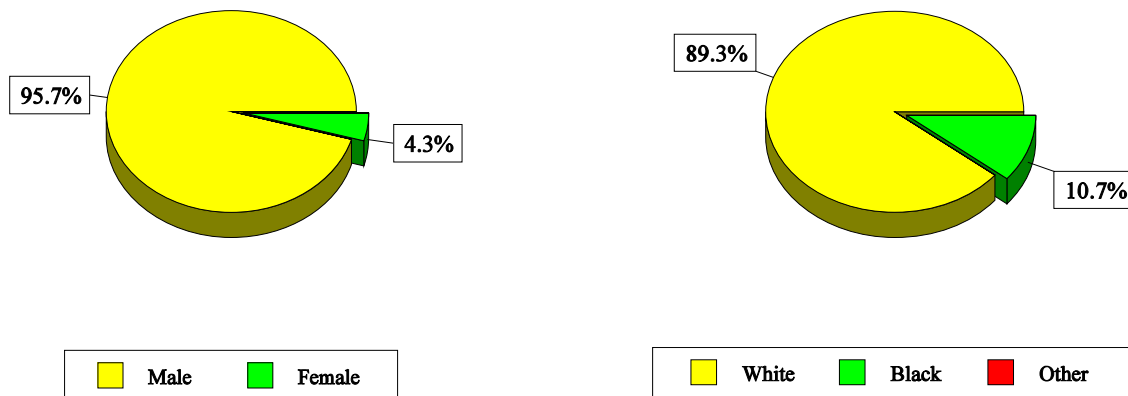
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	3	5.82	-	-			-	-	3	5.82
1969	-	-	1	2.36	1	1.73			3	7.11	5	11.20
1970	-	-	2	4.73	-	-			3	7.19	5	11.92
1971	-	-	2	3.96	1	2.30			-	-	3	6.26
1972	-	-	-	-	-	-			-	-	-	-
1973	-	-	-	-	-	-			2	3.77	2	3.77
1974	-	-	2	4.27	1	1.54			-	-	3	5.80
1975	2	4.43	3	5.63	3	6.23			-	-	7	14.21
1976	1	2.01	-	-	-	-			-	-	1	2.01
1977	-	-	2	3.87	-	-			-	-	2	3.87
1978	1	1.39	2	3.27	1	1.88			2	3.76	6	10.29
1979	-	-	-	-	-	-	-	-	3	4.53	3	4.53
1980	-	-	3	4.26	1	0.69	-	-	2	3.81	6	8.76
1981	-	-	3	4.83	-	-	-	-	-	-	3	4.83
1982	-	-	-	-	1	0.66	-	-	-	-	1	0.66
1983	3	4.25	4	5.68	-	-	-	-	-	-	7	9.92
1984	-	-	3	5.19	-	-	-	-	-	-	3	5.19
1985	1	1.15	1	1.15	-	-	-	-	-	-	2	2.29
1986	3	4.05	4	5.90	-	-	-	-	-	-	7	9.95
1987	3	3.91	1	1.42	-	-	-	-	2	1.64	6	6.97
1988	8	11.91	2	2.06	1	1.03	-	-	2	2.06	12	16.02
1989	13	18.97	1	1.34	1	2.36	-	-	-	-	15	22.67
1990	6	6.68	4	3.41	1	0.96	-	-	-	-	10	10.09
1991	14	17.27	4	4.07	-	-	-	-	-	-	18	21.35
1992	8	10.54	1	1.26	1	0.90	-	-	-	-	10	12.70

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



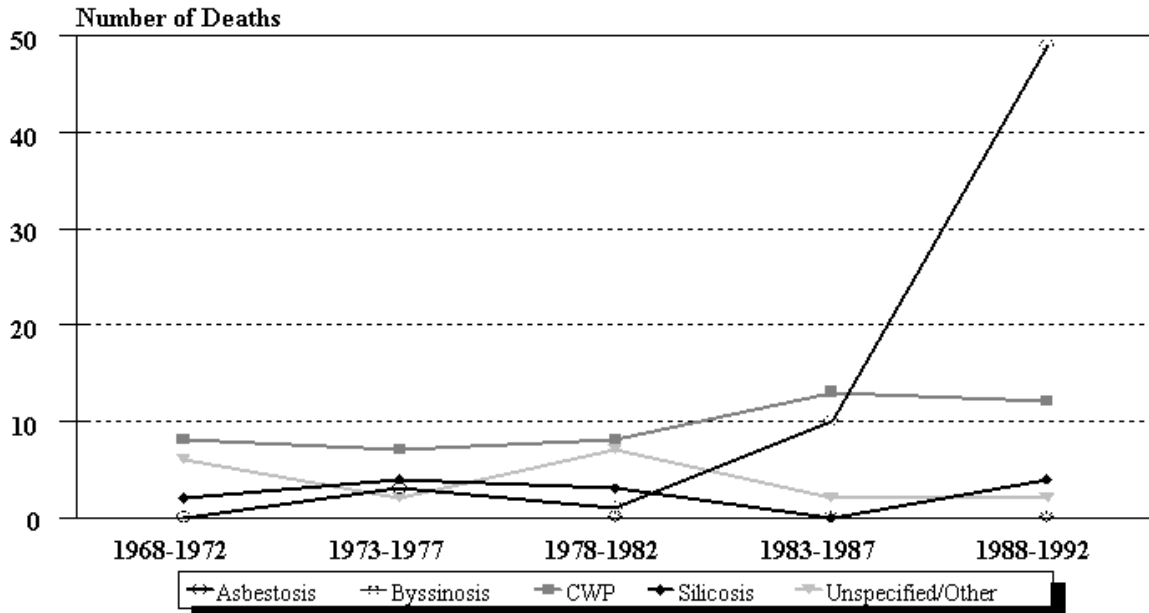
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		140	100.0	65	100.0
Sex	Male	134	95.7	61	93.8
	Female	6	4.3	4	6.2
Race	White	125	89.3	59	90.8
	Black	15	10.7	6	9.2
	Other	0	0.0	0	0.0
Age	15-24	2	1.4	0	0.0
	25-34	0	0.0	0	0.0
	35-44	1	0.7	1	1.5
	45-54	7	5.0	4	6.2
	55-64	21	15.0	10	15.4
	65-74	53	37.9	23	35.4
	75-84	47	33.6	22	33.8
	85+	9	6.4	5	7.7
Mean age		71.0		70.9	
Range for age		21-95		43-91	

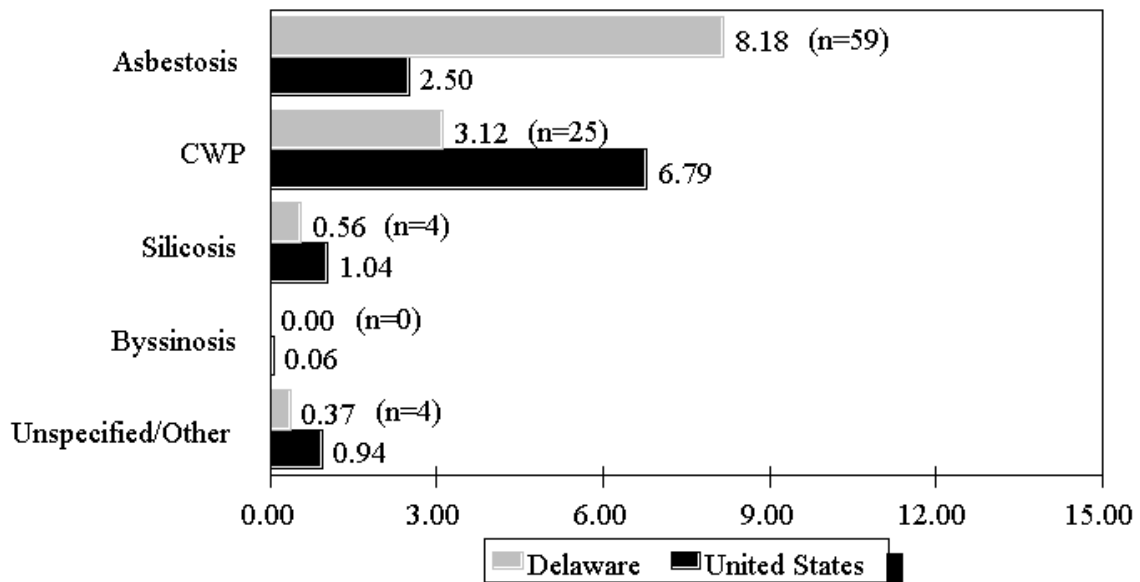
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure DE-3. Pneumoconiosis deaths by condition, Delaware 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 DE-4. Delaware 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 DE-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Delaware 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
Kent	6	5.71	8	6.68	1	0.61	-	-	-	-	14	12.39
New Castle	37	8.49	14	2.63	2	0.30	-	-	2	0.30	54	11.56
Sussex	16	9.83	3	2.29	1	1.36	-	-	2	0.84	22	14.32

- 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.





District of Columbia: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	6	51
Crude mortality rate (per 1,000,000 population)	2.37	51
Age-adjusted mortality rate (per 1,000,000 population)	1.84	49
Total years of potential life lost to life expectancy	126	49
Years of potential life lost to life expectancy (per death)	21.0	1

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	1	16.7
Coal workers' pneumoconiosis	1	16.7
Silicosis	2	33.3
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	2	33.3

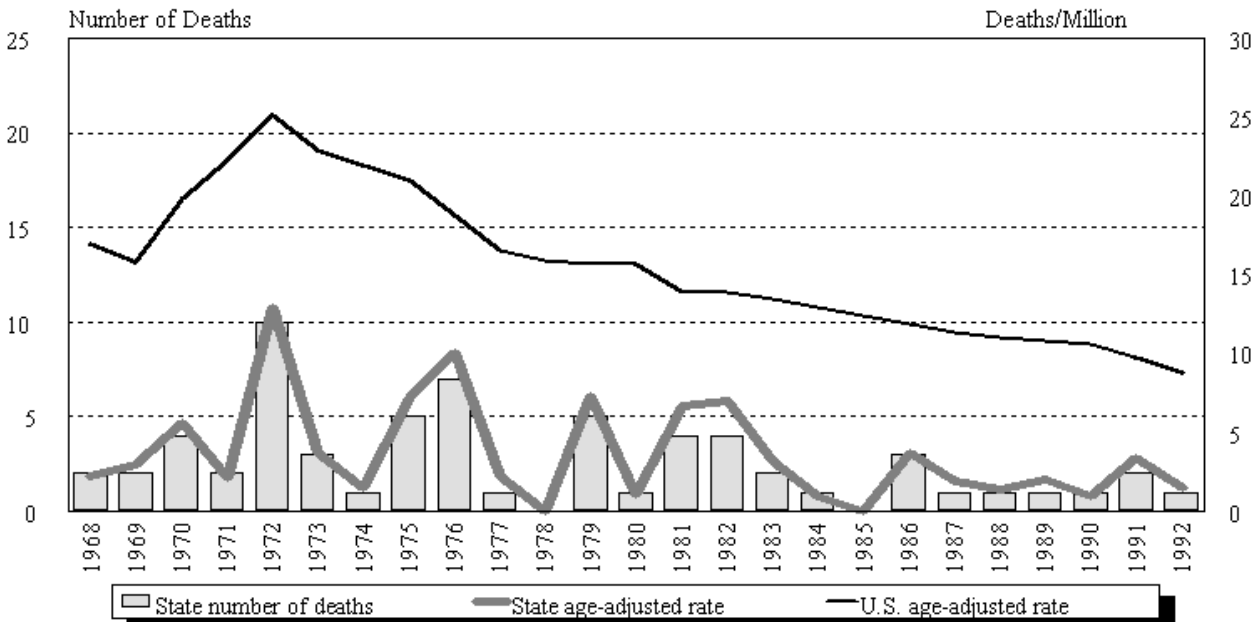
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 DC-1. All pneumoconioses: District of Columbia 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.

## District of Columbia

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

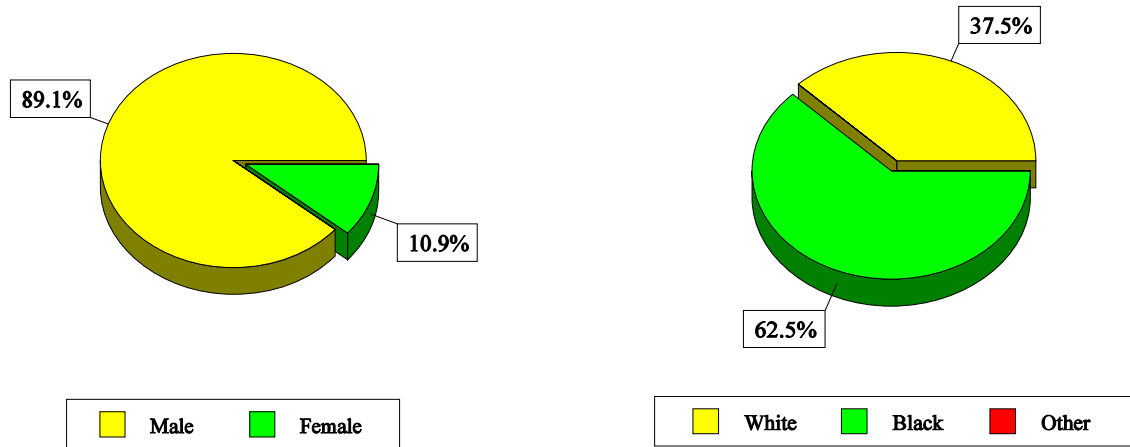
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	1	1.44	1	0.74			1	1.44	2	2.18
1969	1	1.44	-	-	1	1.51			-	-	2	2.95
1970	-	-	1	1.88	-	-			3	3.75	4	5.63
1971	-	-	1	1.43	-	-			1	0.72	2	2.15
1972	-	-	2	2.87	6	7.92			2	2.18	10	12.97
1973	1	1.08	-	-	1	1.08			1	1.54	3	3.69
1974	-	-	-	-	-	-			1	1.43	1	1.43
1975	-	-	1	1.42	1	1.58			3	4.22	5	7.23
1976	-	-	2	2.84	3	4.62			2	2.66	7	10.11
1977	-	-	-	-	1	2.22			-	-	1	2.22
1978	-	-	-	-	-	-			-	-	-	-
1979	1	1.39	2	2.11	2	3.77	-	-	-	-	5	7.27
1980	-	-	-	-	1	1.06	-	-	-	-	1	1.06
1981	1	2.53	1	0.56	1	1.04	-	-	1	2.53	4	6.66
1982	-	-	1	1.41	3	5.54	-	-	-	-	4	6.95
1983	1	1.76	1	1.41	-	-	-	-	-	-	2	3.17
1984	-	-	-	-	1	0.99	-	-	-	-	1	0.99
1985	-	-	-	-	-	-	-	-	-	-	-	-
1986	2	1.88	-	-	1	1.83	-	-	-	-	3	3.71
1987	1	1.87	-	-	-	-	-	-	-	-	1	1.87
1988	-	-	1	1.41	-	-	-	-	-	-	1	1.41
1989	-	-	-	-	-	-	-	-	1	1.97	1	1.97
1990	-	-	-	-	1	0.91	-	-	-	-	1	0.91
1991	1	1.47	-	-	-	-	-	-	1	1.91	2	3.38
1992	-	-	-	-	1	1.47	-	-	-	-	1	1.47

- 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 DC-2. All pneumoconioses: Distribution of deaths by sex and race, District of Columbia residents age 15 and over, 1968-1992**



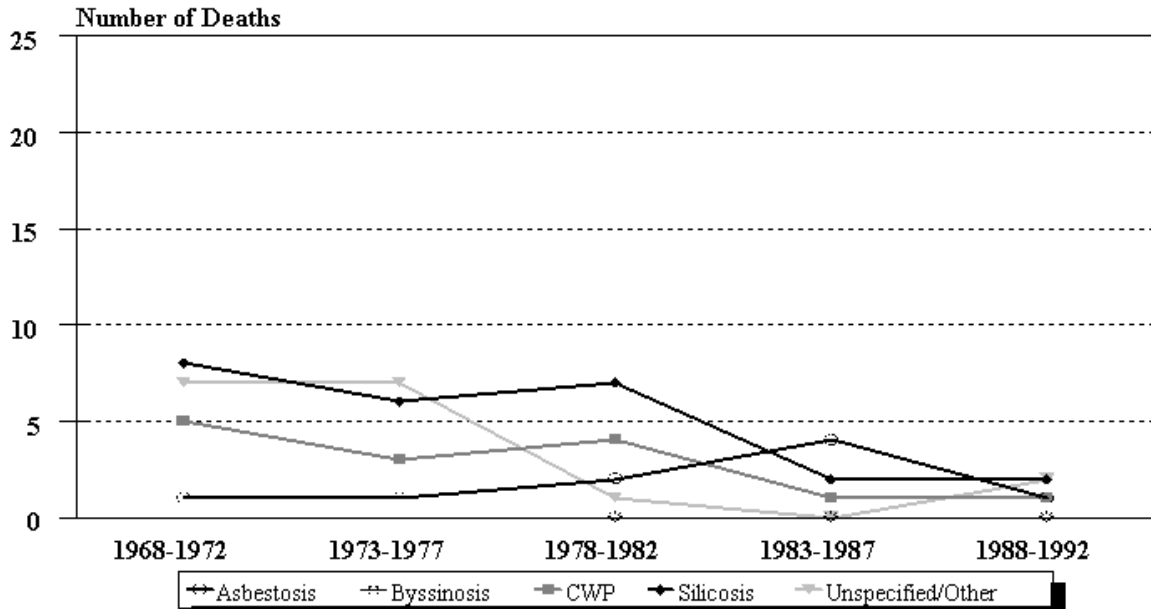
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		64	100.0	6	100.0
Sex	Male	57	89.1	6	100.0
	Female	7	10.9	0	0.0
Race	White	24	37.5	1	16.7
	Black	40	62.5	5	83.3
	Other	0	0.0	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	1	1.6	0	0.0
	35-44	3	4.7	2	33.3
	45-54	6	9.4	0	0.0
	55-64	11	17.2	0	0.0
	65-74	22	34.4	3	50.0
	75-84	17	26.6	1	16.7
	85+	4	6.3	0	0.0
Mean age		68.6		62.3	
Range for age		30-100		37-83	

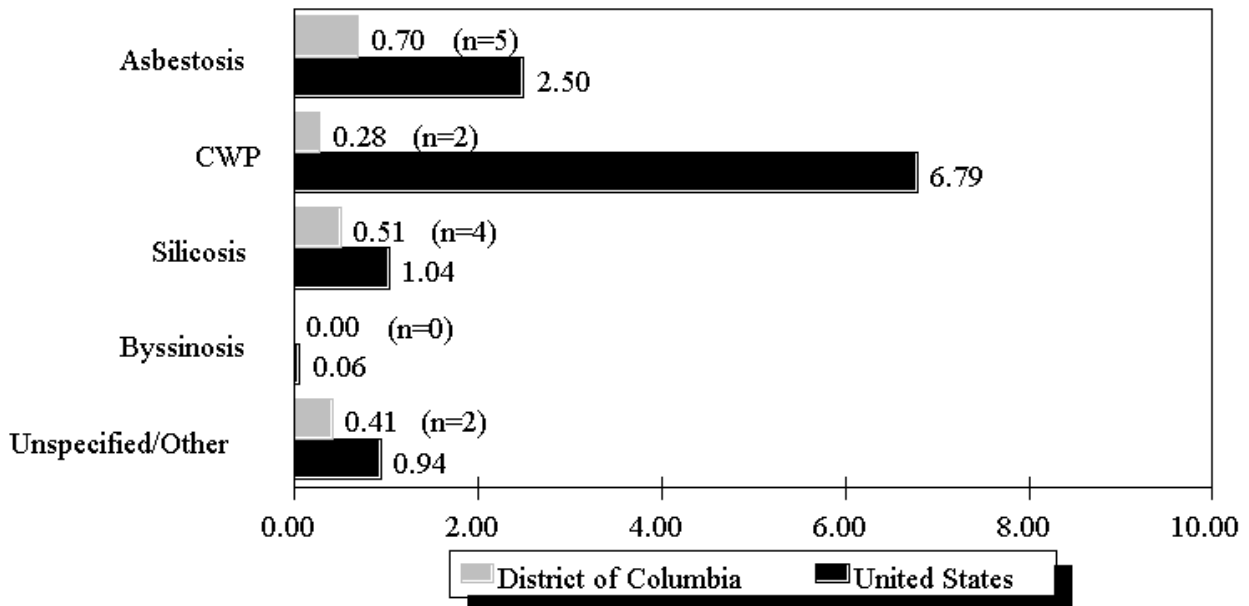
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure DC-3. Pneumoconiosis deaths by condition, District of Columbia 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 DC-4. District of Columbia 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 DC-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Washington, D.C. residents age 15 and over, 1983-1992**

	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis		Unspecified/Other pneumoconioses		All pneumoconioses	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Washington, D.C.	5	0.67	2	0.34	4	0.50	-	-	2	0.45	13	1.95

- indicates no deaths listed.

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.



Florida: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	510	8
Crude mortality rate (per 1,000,000 population)	9.66	22
Age-adjusted mortality rate (per 1,000,000 population)	4.41	31
Total years of potential life lost to life expectancy	6,229	8
Years of potential life lost to life expectancy (per death)	12.2	24

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	264	51.8
Coal workers' pneumoconiosis	151	29.6
Silicosis	50	9.8
Byssinosis	2	0.4
Unspecified/Other pneumoconiosis	46	9.0

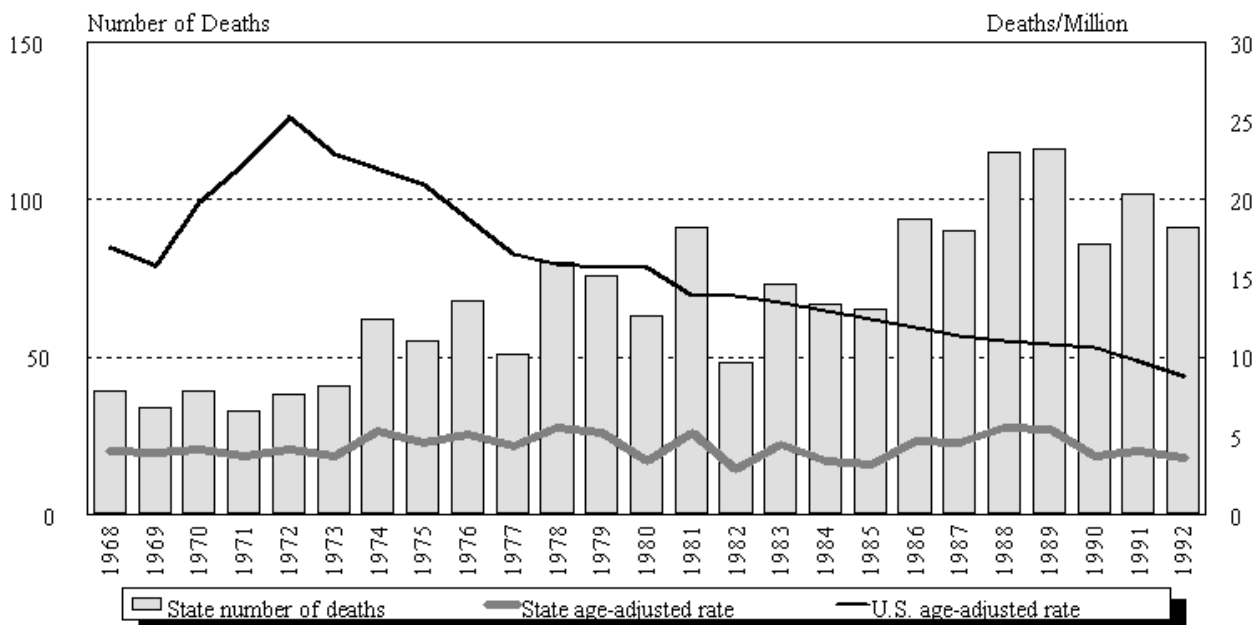
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 FL-1. All pneumoconioses: Florida 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.

## Florida

**Table FL-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Florida 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	0.18	20	2.28	13	1.25			7	0.64	39	4.04
1969	2	0.30	12	1.62	14	1.31			6	0.66	34	3.89
1970	2	0.25	10	1.11	18	1.90			10	1.11	39	4.17
1971	-	-	9	1.08	13	1.38			11	1.26	33	3.73
1972	2	0.27	16	1.55	8	1.02			12	1.27	38	4.11
1973	3	0.23	9	0.75	20	1.76			9	0.96	41	3.70
1974	3	0.33	23	1.95	16	1.30			22	1.83	62	5.30
1975	2	0.17	22	1.82	16	1.33			17	1.38	55	4.53
1976	4	0.28	24	1.78	15	1.02			26	2.07	68	5.09
1977	2	0.10	17	1.50	16	1.33			18	1.47	51	4.30
1978	15	1.23	36	2.45	13	0.92			19	1.20	80	5.52
1979	17	1.30	35	2.27	11	0.75	-	-	13	0.90	76	5.22
1980	10	0.61	32	1.65	13	0.62	-	-	10	0.55	63	3.36
1981	9	0.41	52	3.16	17	0.91	-	-	13	0.76	91	5.25
1982	12	0.85	26	1.42	6	0.34	-	-	4	0.23	48	2.85
1983	20	1.39	35	1.85	11	0.68	-	-	7	0.52	73	4.44
1984	19	0.95	32	1.65	10	0.48	-	-	6	0.28	67	3.36
1985	27	1.54	20	0.95	10	0.38	-	-	9	0.35	65	3.17
1986	35	2.03	38	1.59	14	0.78	-	-	7	0.24	94	4.64
1987	41	2.17	34	1.78	11	0.49	-	-	5	0.16	90	4.52
1988	59	3.07	35	1.49	13	0.64	-	-	9	0.32	115	5.47
1989	56	2.55	35	1.37	14	1.06	-	-	11	0.48	116	5.46
1990	43	1.80	25	1.02	12	0.64	1	0.05	5	0.18	86	3.69
1991	54	2.21	33	1.27	7	0.22	-	-	10	0.39	102	4.01
1992	52	2.20	23	0.76	4	0.13	1	0.14	11	0.36	91	3.59

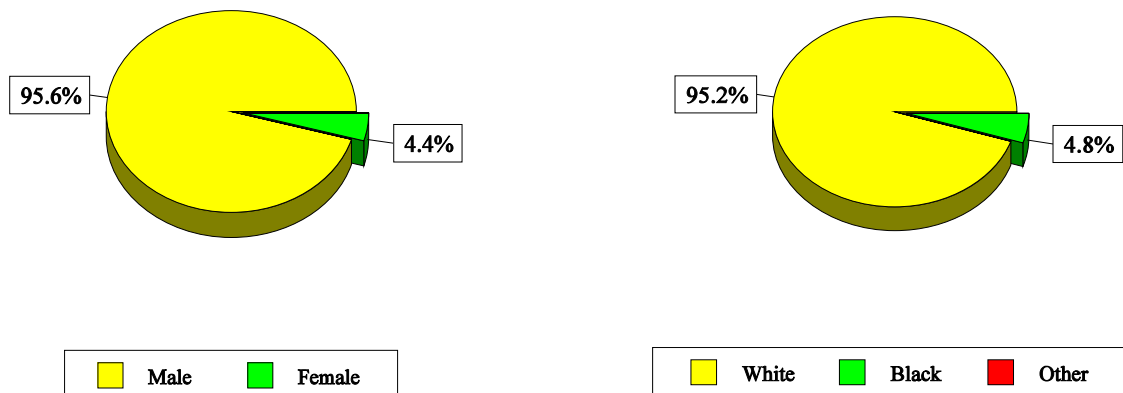
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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



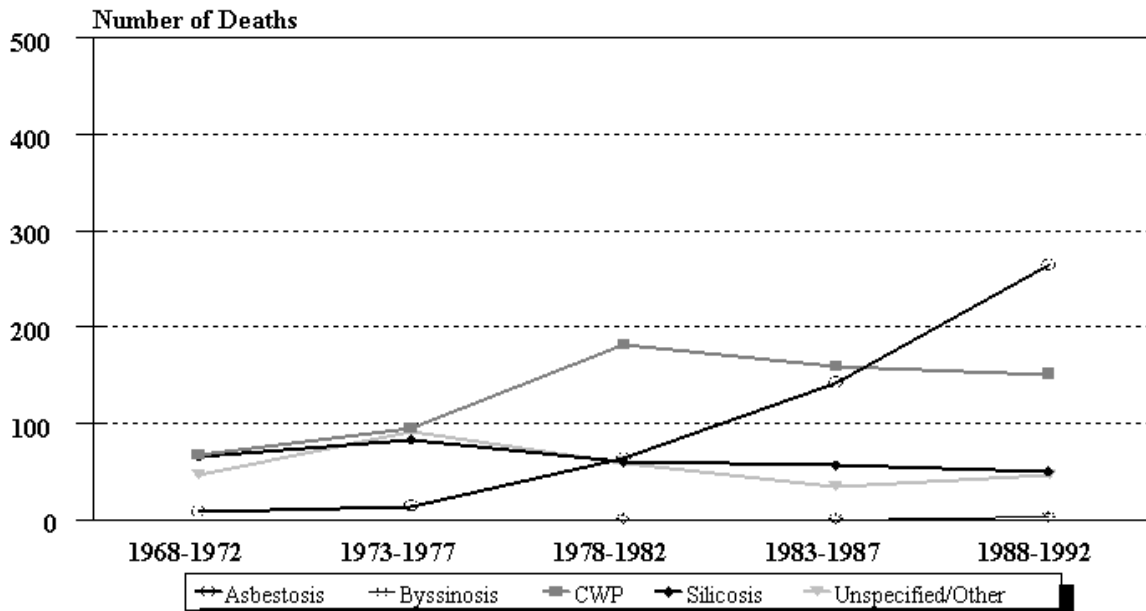
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1,717	100.0	510	100.0
Sex	Male	1,642	95.6	491	96.3
	Female	75	4.4	19	3.7
Race	White	1,635	95.2	490	96.1
	Black	82	4.8	20	3.9
	Other	0	0.0	0	0.0
Age	15-24	4	0.2	1	0.2
	25-34	2	0.1	1	0.2
	35-44	11	0.6	2	0.4
	45-54	62	3.6	10	2.0
	55-64	264	15.4	58	11.4
	65-74	607	35.4	185	36.3
	75-84	612	35.6	202	39.6
	85+	155	9.0	51	10.0
Mean age		72.3		74.0	
Range for age		15-96		22-93	

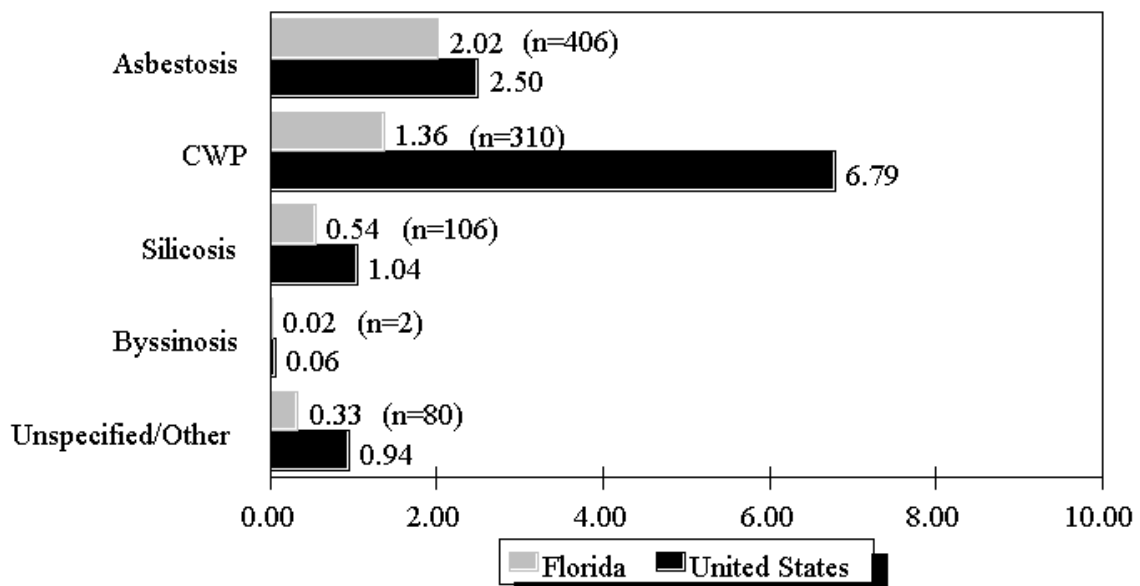
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure FL-3. Pneumoconiosis deaths by condition, Florida 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 FL-4. Florida 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 FL-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Florida 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
Alachua	3	2.11	5	2.57	1	0.84	-	-	1	0.43	9	5.12
Bay	7	4.92	4	3.01	-	-	-	-	-	-	11	7.93
Bradford	2	7.30	2	5.27	-	-	-	-	-	-	4	12.57
Brevard	8	1.87	20	3.36	6	1.03	-	-	2	0.26	35	6.32
Broward	41	1.78	16	0.56	5	0.30	-	-	5	0.22	67	2.86
Calhoun	1	4.00	-	-	1	14.29	-	-	-	-	2	18.28
Charlotte	2	0.70	2	0.70	-	-	-	-	-	-	4	1.40
Citrus	10	4.32	8	3.74	2	0.86	-	-	2	0.86	22	9.79
Clay	1	1.41	2	1.72	1	1.41	-	-	1	1.41	5	5.96
Collier	1	0.25	5	1.71	1	0.48	-	-	1	0.48	8	2.91
Columbia	-	-	2	2.88	-	-	-	-	2	4.68	4	7.56
Dade	28	0.98	5	0.11	3	0.10	-	-	1	0.05	37	1.25
Duval	34	5.48	9	1.15	8	1.37	-	-	3	0.31	53	8.14
Escambia	19	7.09	3	0.74	1	0.25	-	-	-	-	23	8.08
Flagler	-	-	1	1.86	1	2.10	-	-	-	-	2	3.96
Gadsden	2	5.25	1	1.24	-	-	-	-	-	-	3	6.48
Gilchrist	1	10.25	-	-	-	-	-	-	-	-	1	10.25
Gulf	2	14.80	-	-	-	-	-	-	-	-	2	14.80
Hamilton	-	-	-	-	1	11.27	-	-	-	-	1	11.27
Hardee	-	-	1	2.53	-	-	-	-	-	-	1	2.53
Hendry	-	-	1	2.85	-	-	-	-	-	-	1	2.85
Hernando	6	2.87	5	3.81	4	1.98	-	-	1	0.33	16	9.00
Highlands	4	1.39	2	0.69	-	-	-	-	-	-	6	2.08
Hillsborough	14	1.56	15	1.44	9	1.15	-	-	2	0.14	40	4.29
Holmes	1	2.74	-	-	-	-	-	-	-	-	1	2.74
Indian River	4	2.07	1	0.70	2	0.67	-	-	1	0.70	8	4.14
Jackson	1	2.33	1	2.33	1	3.61	-	-	-	-	3	8.26
Lake	3	1.01	10	2.97	1	0.42	-	-	3	0.77	17	5.16
Lee	14	2.20	4	0.70	4	0.39	-	-	1	0.10	23	3.40
Leon	4	3.03	-	-	1	0.85	1	0.58	-	-	6	4.45
Levy	1	2.90	2	5.79	1	1.73	-	-	1	1.73	5	12.16
Manatee	7	2.60	5	0.77	1	0.11	-	-	3	0.55	16	4.03
Marion	3	0.94	20	5.40	5	1.35	-	-	2	0.57	30	8.25

See footnotes at end of table.

# Florida

**Table FL-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Florida 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
Martin	7	3.75	-	-	-	-	-	-	-	-	7	3.75
Monroe	1	1.02	2	1.72	1	0.71	-	-	-	-	4	3.45
Nassau	1	2.66	-	-	-	-	-	-	3	5.63	4	8.30
Okaloosa	4	3.25	-	-	1	0.85	-	-	1	0.70	6	4.81
Okeechobee	1	5.83	2	3.78	-	-	-	-	1	2.95	4	12.56
Orange	12	1.73	26	3.89	3	0.47	1	0.18	10	1.37	52	7.64
Osceola	2	2.05	8	8.65	1	1.02	-	-	-	-	10	10.70
Palm Beach	30	2.11	6	0.36	2	0.18	-	-	2	0.07	40	2.72
Pasco	23	4.61	17	2.24	12	1.59	-	-	9	1.10	60	9.45
Pinellas	41	2.35	35	2.08	10	0.37	-	-	12	0.59	98	5.39
Polk	6	1.15	13	2.26	4	0.83	-	-	3	0.41	26	4.65
Putnam	5	4.91	8	7.03	2	1.87	-	-	-	-	15	13.81
St. Johns	4	3.34	6	6.22	-	-	-	-	-	-	10	9.56
St. Lucie	7	3.15	4	1.61	3	2.03	-	-	-	-	14	6.79
Santa Rosa	6	8.24	2	3.09	-	-	-	-	-	-	8	11.32
Sarasota	9	1.76	7	0.80	1	0.65	-	-	1	0.08	18	3.28
Seminole	3	0.98	4	1.24	3	0.79	-	-	-	-	10	3.01
Sumter	2	3.40	1	2.16	1	1.24	-	-	-	-	4	6.80
Suwannee	3	8.10	-	-	-	-	-	-	-	-	3	8.10
Taylor	1	3.13	1	3.13	-	-	-	-	-	-	2	6.26
Volusia	11	1.64	15	1.86	2	0.29	-	-	6	0.74	34	4.53
Wakulla	1	7.94	1	4.37	-	-	-	-	-	-	2	12.31
Washington	2	9.94	-	-	-	-	-	-	-	-	2	9.94

- 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.

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

**All pneumoconioses mortality, 1988-1992**

	<u>Value</u>	<u>State rank</u>
Total deaths	112	25
Crude mortality rate (per 1,000,000 population)	4.44	45
Age-adjusted mortality rate (per 1,000,000 population)	3.37	37
Total years of potential life lost to life expectancy	1,492	24
Years of potential life lost to life expectancy (per death)	13.3	7

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

	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	55	49.1
Coal workers' pneumoconiosis	22	19.6
Silicosis	23	20.5
Byssinosis	2	1.8
<u>Unspecified/Other pneumoconiosis</u>	<u>10</u>	<u>8.9</u>

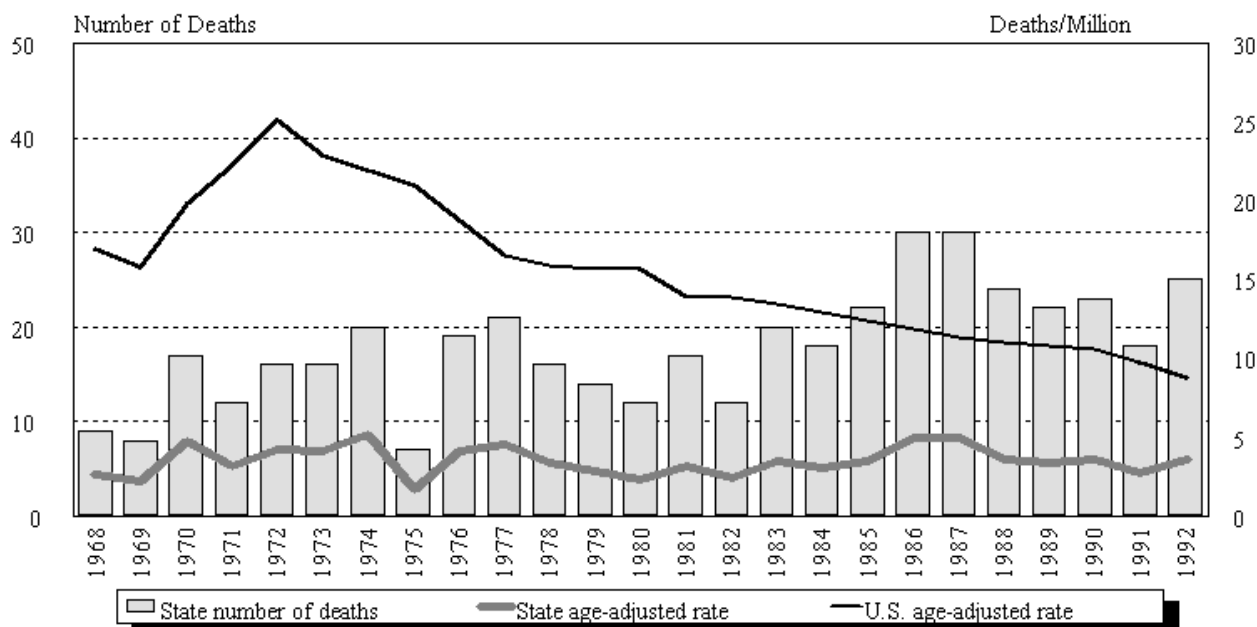
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 GA-1. All pneumoconioses: Georgia 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.

## Georgia

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

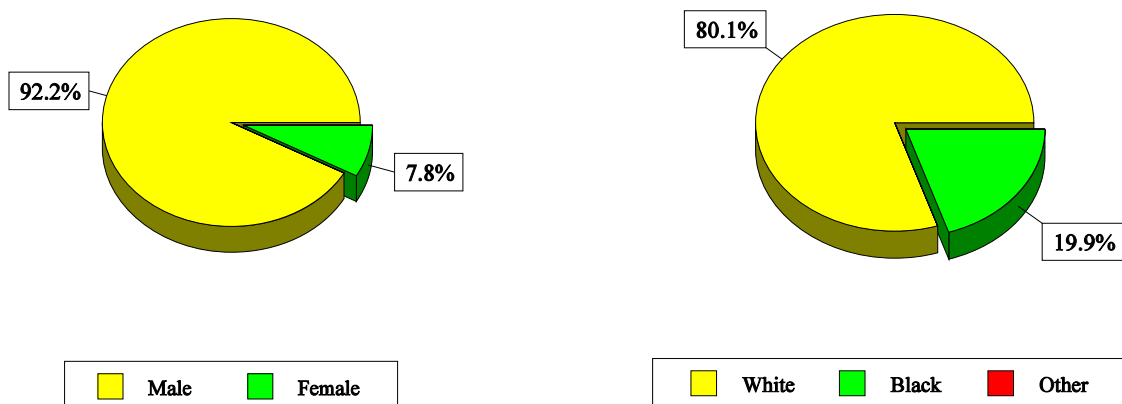
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	3	0.92	-	-	4	1.09			2	0.60	9	2.62
1969	-	-	-	-	5	1.31			3	0.87	8	2.18
1970	1	0.27	-	-	11	3.06			5	1.47	17	4.80
1971	-	-	2	0.42	6	1.64			4	1.12	12	3.19
1972	2	0.62	-	-	8	1.95			6	1.66	16	4.24
1973	3	0.80	2	0.52	9	2.28			2	0.52	16	4.12
1974	3	0.80	1	0.26	11	2.78			5	1.34	20	5.17
1975	1	0.25	2	0.53	-	-			4	0.94	7	1.72
1976	1	0.22	3	0.40	9	1.99			6	1.57	19	4.18
1977	-	-	1	0.24	12	2.53			9	1.99	21	4.58
1978	2	0.48	1	0.21	7	1.50			6	1.20	16	3.39
1979	3	0.73	2	0.30	7	1.39	-	-	3	0.53	14	2.85
1980	4	0.74	2	0.42	1	0.16	-	-	5	1.00	12	2.32
1981	2	0.38	4	0.77	6	1.15	2	0.38	3	0.49	17	3.18
1982	8	1.79	2	0.38	2	0.29	-	-	-	-	12	2.46
1983	5	1.03	1	0.19	7	1.08	3	0.62	4	0.55	20	3.47
1984	2	0.47	4	0.53	5	0.88	5	0.86	2	0.37	18	3.11
1985	4	0.67	3	0.39	9	1.38	1	0.28	5	0.82	22	3.54
1986	11	1.76	6	1.07	9	1.41	2	0.30	2	0.40	30	4.94
1987	12	1.95	2	0.29	6	1.25	4	0.64	6	0.88	30	5.01
1988	8	1.32	6	0.86	6	0.80	-	-	4	0.63	24	3.61
1989	6	0.86	7	1.07	7	1.09	1	0.19	1	0.17	22	3.37
1990	13	2.21	4	0.56	4	0.60	-	-	2	0.18	23	3.55
1991	10	1.74	3	0.38	3	0.38	1	0.11	1	0.11	18	2.71
1992	18	2.77	2	0.16	3	0.38	-	-	2	0.32	25	3.64

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



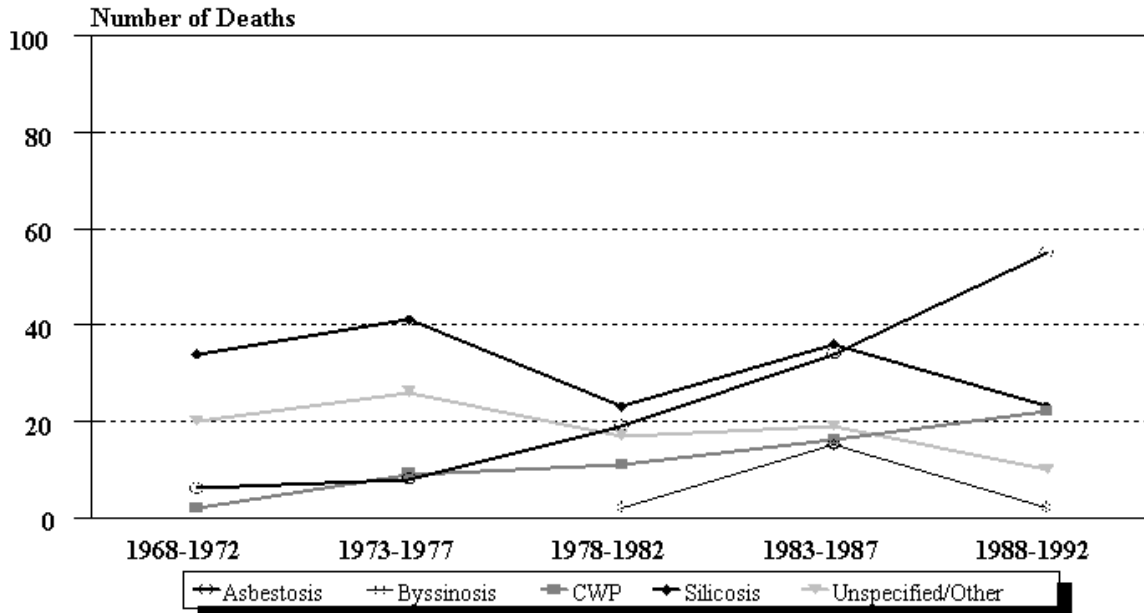
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		448	100.0	112	100.0
Sex	Male	413	92.2	106	94.6
	Female	35	7.8	6	5.4
Race	White	359	80.1	90	80.4
	Black	89	19.9	22	19.6
	Other	0	0.0	0	0.0
Age	15-24	2	0.4	0	0.0
	25-34	0	0.0	0	0.0
	35-44	8	1.8	2	1.8
	45-54	43	9.6	2	1.8
	55-64	93	20.8	16	14.3
	65-74	176	39.3	50	44.6
	75-84	94	21.0	34	30.4
	85+	32	7.1	8	7.1
	Mean age	68.4		71.9	
Range for age		18-96		39-95	

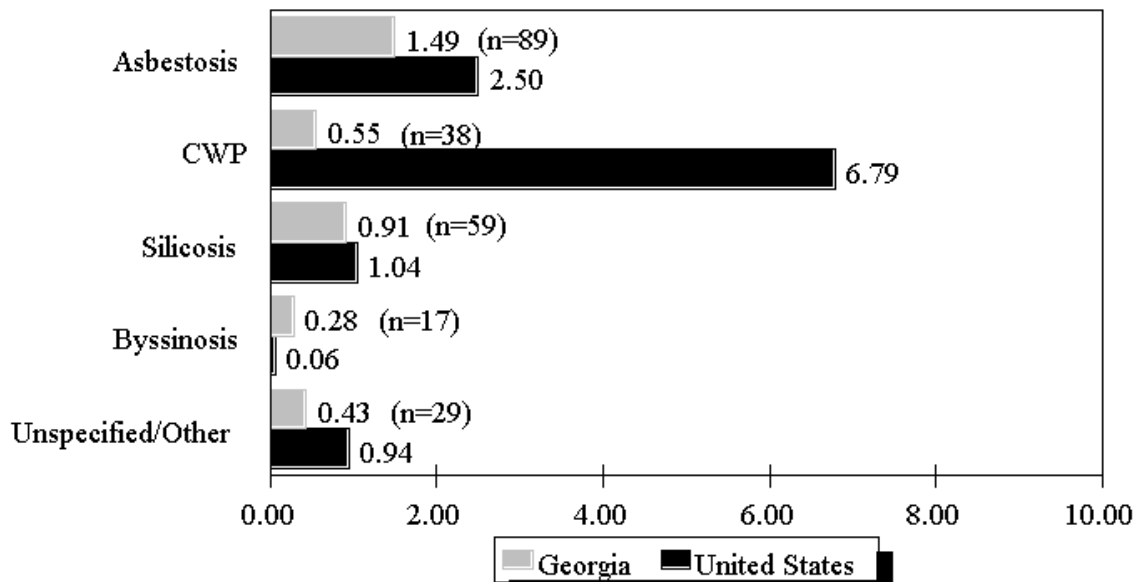
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure GA-3. Pneumoconiosis deaths by condition, Georgia 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 GA-4. Georgia 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 GA-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Georgia 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
Baldwin	-	-	-	-	1	1.63	-	-	1	1.63	2	3.26
Bartow	-	-	1	1.35	1	2.67	-	-	-	-	2	4.01
Ben Hill	1	2.78	1	2.78	-	-	-	-	-	-	2	5.55
Bibb	1	0.69	1	0.69	1	0.36	-	-	2	0.72	5	2.46
Brantley	2	22.79	-	-	-	-	-	-	-	-	2	22.79
Bryan	1	7.83	-	-	-	-	-	-	-	-	1	7.83
Burke	1	5.63	-	-	-	-	-	-	-	-	1	5.63
Camden	1	7.66	-	-	-	-	-	-	-	-	1	7.66
Carroll	1	0.92	1	1.85	1	0.92	-	-	-	-	3	3.70
Catoosa	2	4.32	-	-	1	2.62	-	-	-	-	3	6.93
Chatham	9	4.37	2	0.75	1	0.49	-	-	1	0.27	13	5.88
Cherokee	-	-	1	2.03	-	-	-	-	1	2.03	2	4.06
Clarke	-	-	1	1.87	3	5.91	-	-	-	-	4	7.78
Clayton	2	1.89	-	-	1	0.95	-	-	3	2.65	6	5.49
Cobb	4	1.36	1	0.30	3	0.99	2	0.69	1	0.30	11	3.63
Coffee	-	-	-	-	1	2.15	-	-	-	-	1	2.15
Columbia	2	5.46	-	-	-	-	1	2.73	-	-	3	8.19
Coweta	1	2.38	-	-	-	-	2	4.77	-	-	3	7.15
Crisp	-	-	-	-	-	-	-	-	1	2.30	1	2.30
Dade	-	-	2	14.02	-	-	-	-	-	-	2	14.02
De Kalb	3	0.76	2	0.41	6	1.23	-	-	4	0.82	15	3.22
Dodge	-	-	-	-	-	-	-	-	1	5.57	1	5.57
Dougherty	1	1.24	-	-	-	-	-	-	-	-	1	1.24
Douglas	1	2.29	-	-	-	-	1	2.29	-	-	2	4.59
Effingham	5	28.93	-	-	-	-	-	-	-	-	5	28.93
Elbert	-	-	-	-	6	18.77	-	-	-	-	6	18.77
Emanuel	1	4.79	-	-	-	-	-	-	-	-	1	4.79
Evans	-	-	1	11.91	-	-	-	-	-	-	1	11.91
Fannin	-	-	2	9.35	1	2.57	-	-	-	-	3	11.92
Fayette	-	-	1	2.05	-	-	-	-	-	-	1	2.05
Floyd	2	2.33	2	1.75	-	-	2	2.95	-	-	6	7.03
Forsyth	-	-	-	-	1	2.04	-	-	-	-	1	2.04

See footnotes at end of table.

# Georgia

**Table GA-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Georgia 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
Fulton	1	0.10	2	0.20	1	0.10	2	0.30	3	0.52	9	1.21
Glynn	10	12.95	-	-	-	-	-	-	-	-	10	12.95
Gordon	-	-	1	1.91	-	-	-	-	1	1.91	2	3.82
Grady	-	-	-	-	1	4.88	-	-	-	-	1	4.88
Gwinnett	1	0.50	1	0.50	1	0.50	-	-	-	-	3	1.50
Habersham	1	1.94	-	-	-	-	-	-	-	-	1	1.94
Hall	2	1.96	2	1.96	-	-	1	1.25	-	-	5	5.16
Haralson	1	4.68	-	-	-	-	-	-	-	-	1	4.68
Harris	-	-	-	-	1	5.30	-	-	-	-	1	5.30
Henry	1	2.46	-	-	1	2.46	-	-	-	-	2	4.93
Houston	-	-	-	-	1	1.31	-	-	1	1.31	2	2.62
Jeff Davis	1	9.13	-	-	-	-	-	-	-	-	1	9.13
Jefferson	1	2.40	-	-	-	-	1	9.18	-	-	2	11.57
Jones	-	-	-	-	2	12.83	-	-	-	-	2	12.83
Mcduffie	1	7.19	-	-	-	-	-	-	-	-	1	7.19
Mcintosh	-	-	2	18.41	-	-	-	-	-	-	2	18.41
Madison	1	5.75	-	-	2	11.50	-	-	-	-	3	17.25
Meriwether	-	-	-	-	-	-	1	2.26	-	-	1	2.26
Murray	-	-	1	5.66	1	3.55	-	-	1	5.66	3	14.88
Muscogee	-	-	2	1.26	3	1.63	1	0.63	-	-	6	3.51
Newton	-	-	-	-	-	-	1	1.57	-	-	1	1.57
Oglethorpe	-	-	-	-	3	30.63	-	-	-	-	3	30.63
Paulding	-	-	1	2.46	-	-	-	-	-	-	1	2.46
Pickens	1	6.94	-	-	-	-	-	-	-	-	1	6.94
Polk	-	-	-	-	1	2.83	-	-	-	-	1	2.83
Putnam	1	6.93	-	-	-	-	-	-	-	-	1	6.93
Rabun	1	12.06	-	-	-	-	-	-	-	-	1	12.06
Richmond	3	1.14	1	0.64	2	1.02	-	-	1	0.38	7	3.18
Rockdale	4	9.98	-	-	8	17.03	-	-	-	-	12	27.01
Stephens	-	-	1	2.10	-	-	-	-	-	-	1	2.10
Talbot	-	-	-	-	1	6.88	-	-	-	-	1	6.88
Tattnall	2	11.73	-	-	-	-	-	-	-	-	2	11.73
Telfair	1	8.08	-	-	-	-	-	-	-	-	1	8.08

See footnotes at end of table.

**Table GA-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Georgia 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
Tift	1	1.74	2	5.15	-	-	-	-	-	-	3	6.89
Troup	4	5.41	-	-	-	-	-	-	-	-	4	5.41
Twiggs	-	-	-	-	-	-	-	-	1	11.39	1	11.39
Upson	-	-	-	-	-	-	1	5.65	-	-	1	5.65
Walker	1	1.69	3	4.30	-	-	-	-	2	2.62	6	8.61
Walton	1	3.18	-	-	-	-	-	-	-	-	1	3.18
Ware	5	10.27	-	-	-	-	-	-	-	-	5	10.27
Washington	2	7.93	-	-	1	5.61	-	-	3	16.83	6	30.37
Wayne	-	-	-	-	1	2.60	-	-	-	-	1	2.60
Whitfield	-	-	-	-	-	-	1	1.01	-	-	1	1.01
Wilkinson	-	-	-	-	-	-	-	-	1	10.71	1	10.71

- 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.



Hawaii: 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)	4.58	43
Age-adjusted mortality rate (per 1,000,000 population)	2.91	44
Total years of potential life lost to life expectancy	227	46
Years of potential life lost to life expectancy (per death)	11.4	36

Deaths by type of pneumoconiosis, 1988-1992

	Deaths*	Percent** distribution
Asbestosis	20	100.0
Coal workers' pneumoconiosis	0	0.0
Silicosis	0	0.0
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	0	0.0

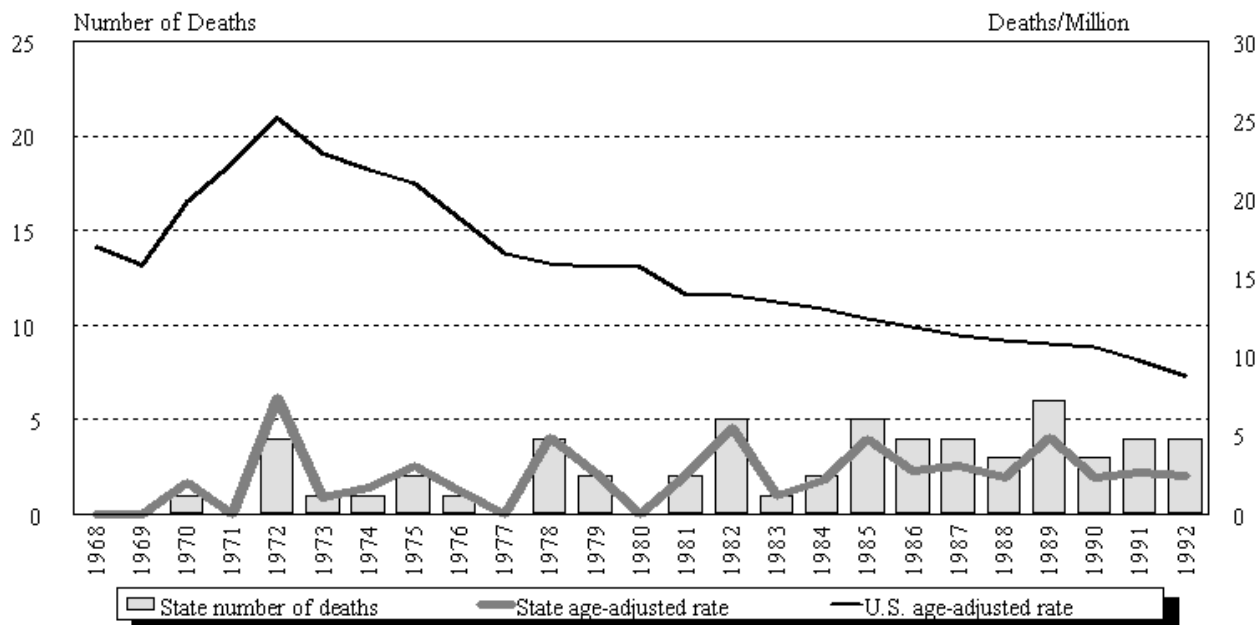
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 HI-1. All pneumoconioses: Hawaii 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.

## Hawaii

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

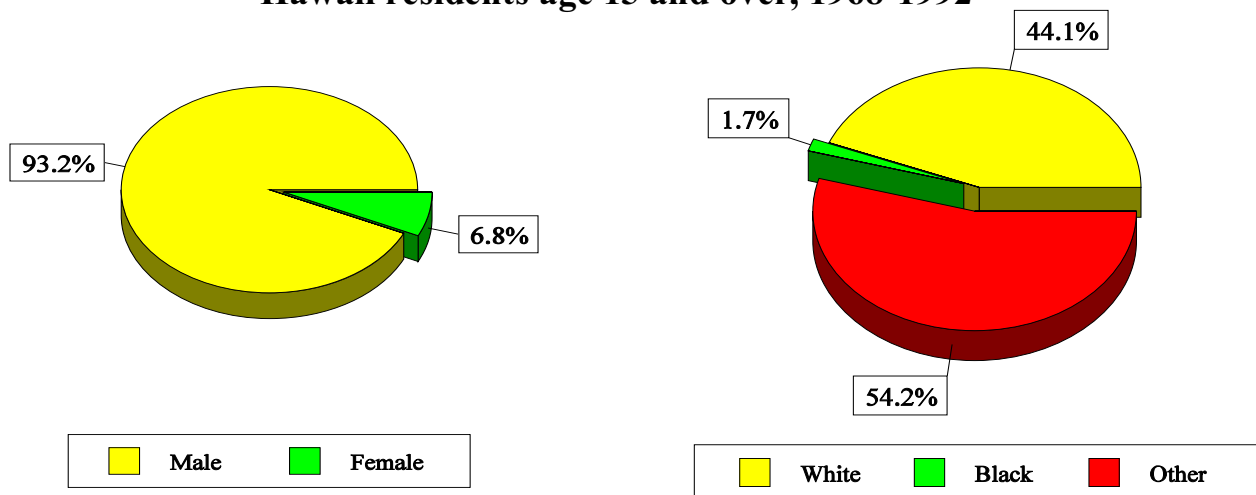
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	1	1.95	1	1.95
1971	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	2	3.88	-	-	2	3.49	4	7.37
1973	-	-	-	-	1	1.04	-	-	-	-	1	1.04
1974	-	-	-	-	1	1.66	-	-	1	1.66	1	1.66
1975	-	-	1	1.45	1	1.64	-	-	-	-	2	3.09
1976	-	-	-	-	-	-	-	-	1	1.45	1	1.45
1977	-	-	-	-	-	-	-	-	-	-	-	-
1978	1	1.42	-	-	1	0.73	-	-	2	2.69	4	4.84
1979	2	2.64	-	-	-	-	-	-	-	-	2	2.64
1980	-	-	-	-	-	-	-	-	-	-	-	-
1981	1	1.24	1	1.24	-	-	-	-	-	-	2	2.48
1982	3	3.33	1	0.97	1	1.22	-	-	-	-	5	5.52
1983	1	1.20	-	-	-	-	-	-	-	-	1	1.20
1984	2	2.15	-	-	1	1.08	-	-	-	-	2	2.15
1985	5	4.76	-	-	-	-	-	-	-	-	5	4.76
1986	2	1.77	1	0.47	1	0.47	-	-	-	-	4	2.70
1987	3	2.30	-	-	-	-	-	-	1	0.74	4	3.04
1988	3	2.30	-	-	-	-	-	-	-	-	3	2.30
1989	6	4.87	-	-	-	-	-	-	-	-	6	4.87
1990	3	2.32	-	-	-	-	-	-	-	-	3	2.32
1991	4	2.64	-	-	-	-	-	-	-	-	4	2.64
1992	4	2.46	-	-	-	-	-	-	-	-	4	2.46

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



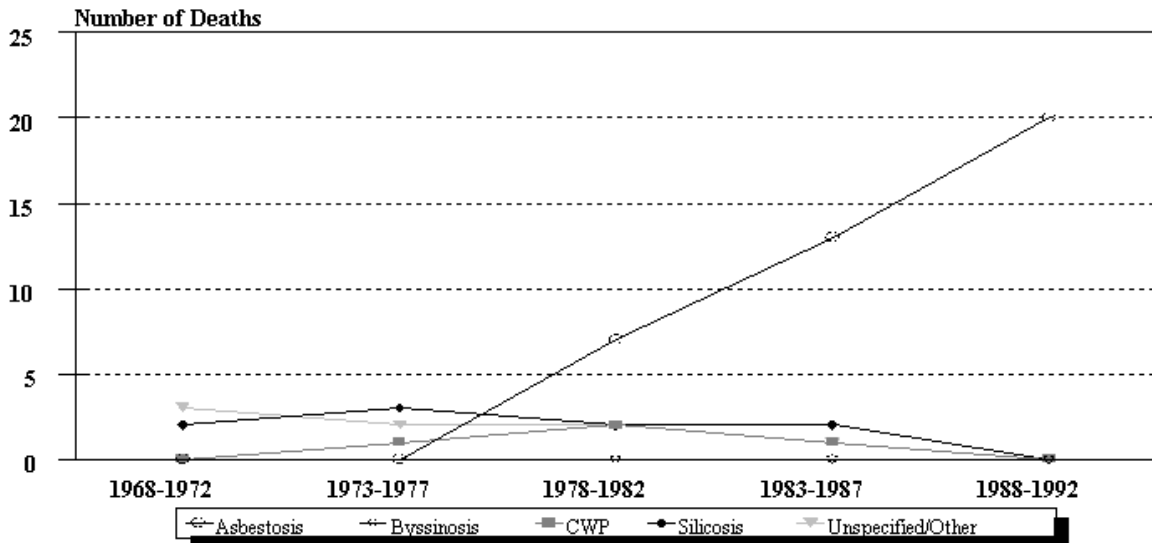
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table HI-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Hawaii 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	55	93.2	20	100.0
	Female	4	6.8	0	0.0
Race	White	26	44.1	6	30.0
	Black	1	1.7	0	0.0
	Other	32	54.2	14	70.0
Age	15-24	0	0.0	0	0.0
	25-34	2	3.4	0	0.0
	35-44	0	0.0	0	0.0
	45-54	2	3.4	0	0.0
	55-64	10	16.9	2	10.0
	65-74	23	39.0	7	35.0
	75-84	14	23.7	9	45.0
	85+	8	13.6	2	10.0
	Mean age	70.8		74.2	
	Range for age	31-106		61-87	

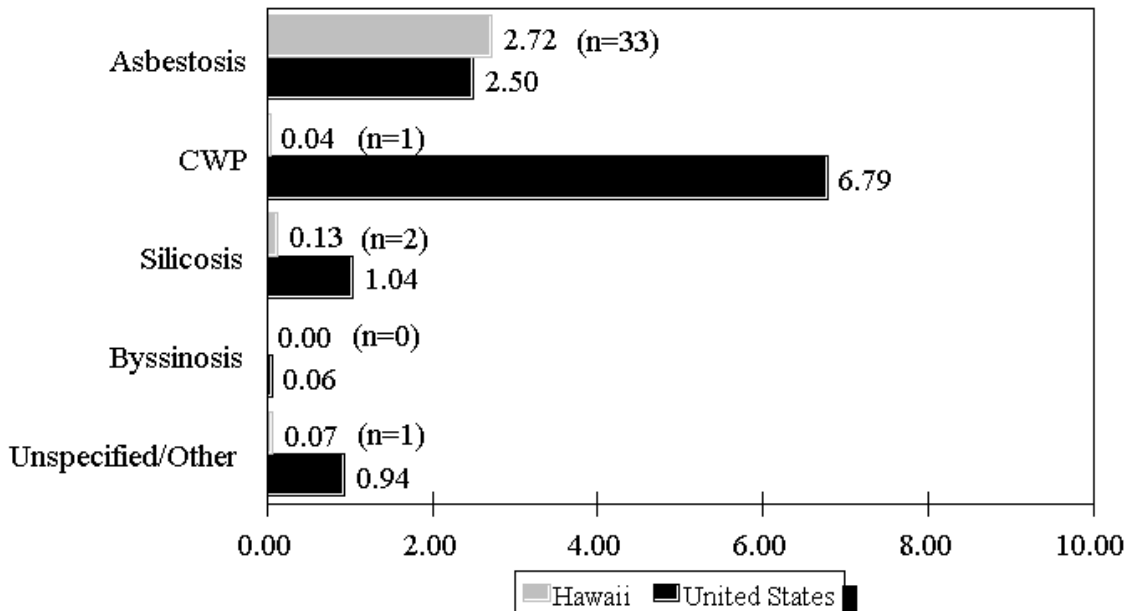
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure HI-3. Pneumoconiosis deaths by condition, Hawaii 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 HI-4. Hawaii 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 HI-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Hawaii 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
Hawaii	1	0.53	-	-	-	-	-	-	-	-	1	0.53
Honolulu	30	3.66	1	0.09	2	0.23	-	-	1	0.09	33	3.93
Kauai	2	2.24	-	-	-	-	-	-	-	-	2	2.24

- 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.



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

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	36	41
Crude mortality rate (per 1,000,000 population)	9.62	23
Age-adjusted mortality rate (per 1,000,000 population)	5.43	24
Total years of potential life lost to life expectancy	408	41
Years of potential life lost to life expectancy (per death)	11.3	38

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	22	61.1
Coal workers' pneumoconiosis	1	2.8
Silicosis	13	36.1
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	0	0.0

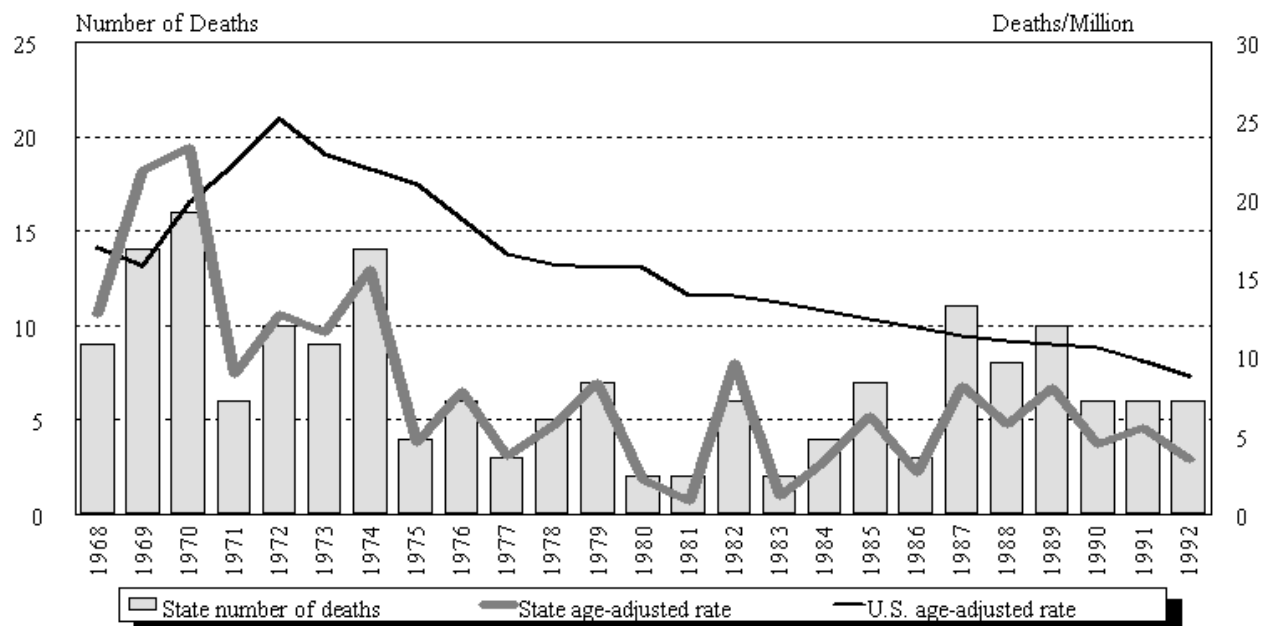
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 ID-1. All pneumoconioses: Idaho 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.

# Idaho

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

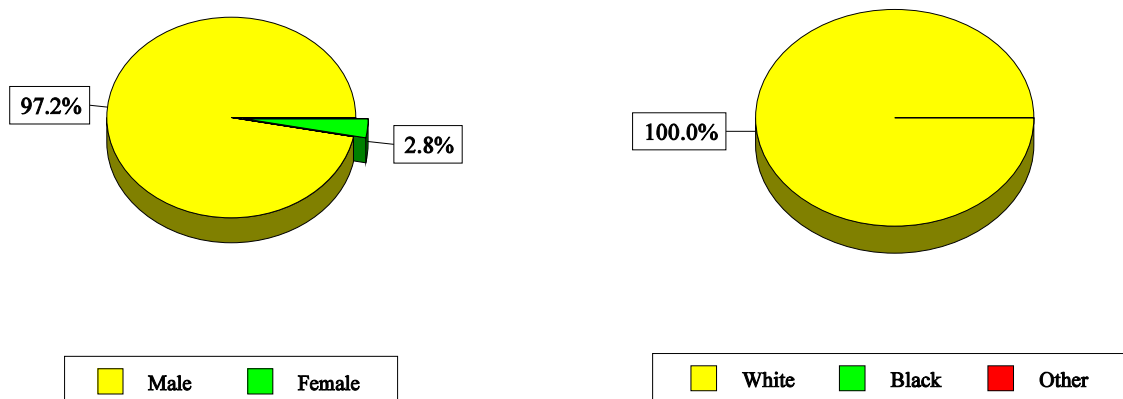
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	9	12.75			-	-	9	12.75
1969	-	-	-	-	14	21.87			-	-	14	21.87
1970	-	-	-	-	15	21.71			1	1.63	16	23.34
1971	-	-	-	-	5	7.25			1	1.60	6	8.85
1972	-	-	-	-	8	10.64			2	2.04	10	12.68
1973	1	1.55	1	1.43	7	8.56			-	-	9	11.54
1974	1	1.51	-	-	11	12.93			2	1.10	14	15.54
1975	-	-	-	-	4	4.60			-	-	4	4.60
1976	1	1.28	-	-	5	6.56			1	1.28	6	7.84
1977	-	-	-	-	2	2.46			1	1.23	3	3.69
1978	-	-	-	-	3	3.74			2	1.85	5	5.59
1979	2	2.50	-	-	3	3.16	-	-	2	2.72	7	8.38
1980	-	-	-	-	1	1.10	-	-	1	1.10	2	2.20
1981	-	-	-	-	2	0.83	-	-	-	-	2	0.83
1982	4	7.56	-	-	2	2.09	-	-	-	-	6	9.65
1983	1	0.73	-	-	1	0.38	-	-	-	-	2	1.12
1984	2	1.70	-	-	2	1.70	-	-	-	-	4	3.40
1985	2	2.27	2	1.35	1	0.99	-	-	2	1.66	7	6.26
1986	3	2.61	-	-	-	-	-	-	-	-	3	2.61
1987	6	5.23	1	0.35	4	2.59	-	-	-	-	11	8.18
1988	4	3.56	-	-	4	2.20	-	-	-	-	8	5.75
1989	5	4.37	-	-	5	3.67	-	-	-	-	10	8.04
1990	4	3.19	-	-	2	1.25	-	-	-	-	6	4.44
1991	6	5.52	-	-	-	-	-	-	-	-	6	5.52
1992	3	1.95	1	0.53	2	1.06	-	-	-	-	6	3.54

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



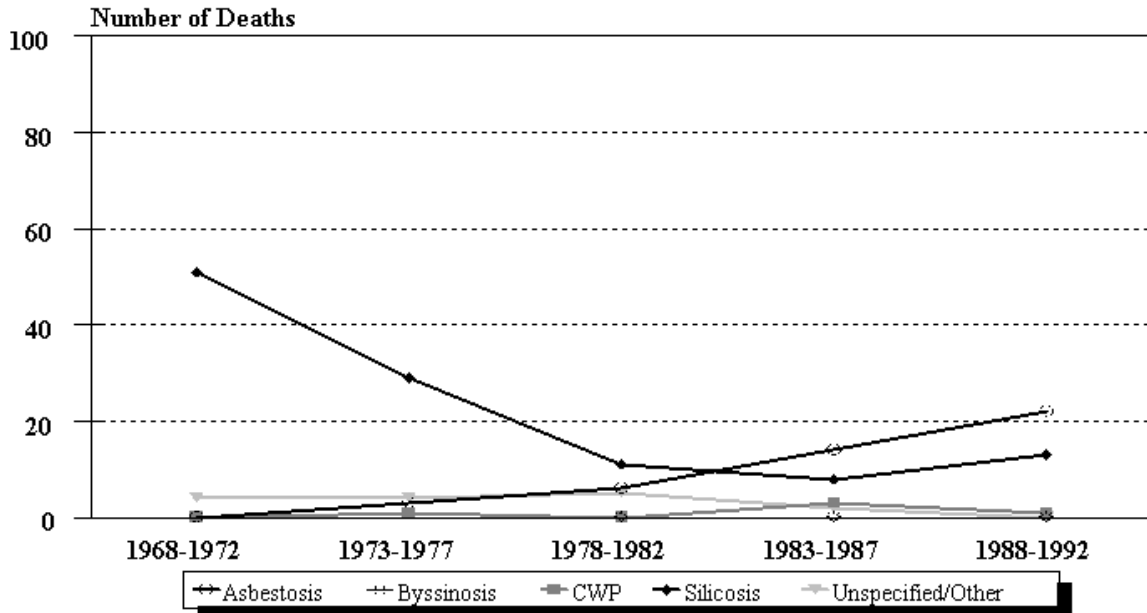
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		176	100.0	36	100.0
Sex	Male	171	97.2	36	100.0
	Female	5	2.8	0	0.0
Race	White	176	100.0	36	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	7	4.0	0	0.0
	55-64	33	18.8	3	8.3
	65-74	72	40.9	14	38.9
	75-84	47	26.7	16	44.4
	85+	17	9.7	3	8.3
	Mean age	71.6		75.6	
	Range for age	47-92		56-86	

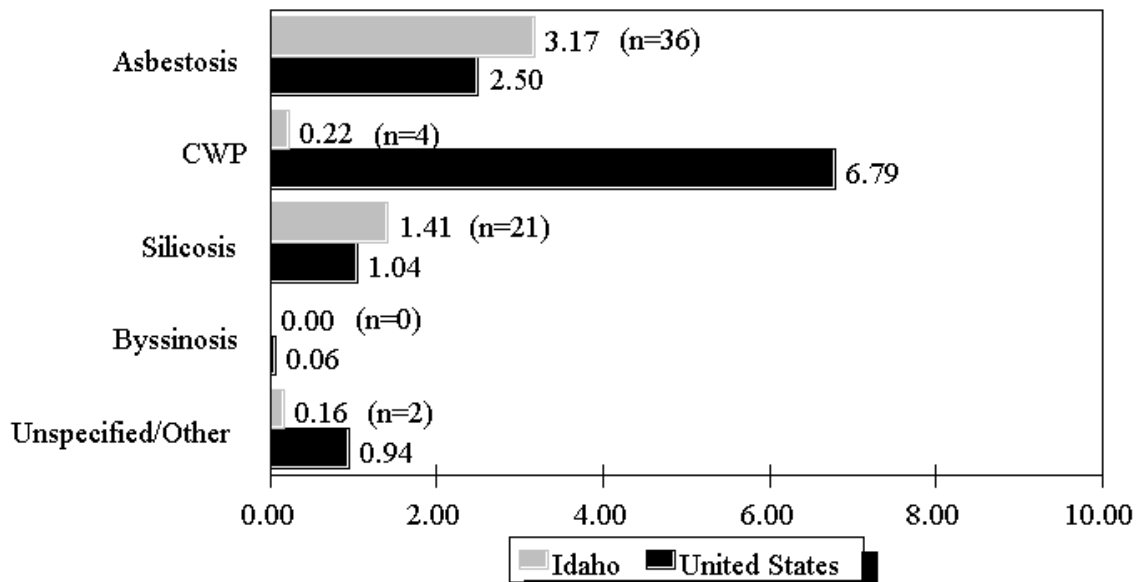
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure ID-3. Pneumoconiosis deaths by condition, Idaho 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 ID-4. Idaho 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 ID-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Idaho 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
Ada	2	0.66	1	0.33	3	1.33	-	-	1	0.33	7	2.65
Bannock	5	7.20	1	1.03	-	-	-	-	-	-	6	8.22
Bingham	-	-	-	-	1	3.48	-	-	-	-	1	3.48
Blaine	1	9.14	-	-	1	9.14	-	-	-	-	2	18.28
Bonner	1	3.59	-	-	1	1.97	-	-	-	-	2	5.56
Bonneville	2	3.92	-	-	-	-	-	-	-	-	2	3.92
Boundary	1	13.61	-	-	-	-	-	-	-	-	1	13.61
Butte	-	-	-	-	1	33.41	-	-	-	-	1	33.41
Canyon	4	4.26	-	-	4	2.09	-	-	-	-	8	6.35
Cassia	2	8.60	-	-	-	-	-	-	-	-	2	8.60
Clearwater	1	10.24	-	-	-	-	-	-	-	-	1	10.24
Idaho	-	-	-	-	-	-	-	-	1	6.45	1	6.45
Kootenai	6	7.57	-	-	2	1.56	-	-	-	-	8	9.13
Latah	1	1.95	-	-	-	-	-	-	-	-	1	1.95
Minidoka	2	10.95	-	-	1	5.47	-	-	-	-	3	16.42
Nez Perce	2	5.65	-	-	1	1.21	-	-	-	-	3	6.86
Owyhee	1	6.07	-	-	-	-	-	-	-	-	1	6.07
Payette	2	8.21	-	-	-	-	-	-	-	-	2	8.21
Shoshone	2	11.88	-	-	5	20.78	-	-	-	-	7	32.66
Twin Falls	1	1.89	2	1.56	1	0.78	-	-	-	-	4	4.23

- 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.





Illinois: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	Value	State rank
Total deaths	476	9
Crude mortality rate (per 1,000,000 population)	10.64	21
Age-adjusted mortality rate (per 1,000,000 population)	5.95	20
Total years of potential life lost to life expectancy	5,544	9
Years of potential life lost to life expectancy (per death)	11.6	32



Deaths by type of pneumoconiosis, 1988-1992

	Deaths*	Percent** distribution
Asbestosis	96	20.2
Coal workers' pneumoconiosis	229	48.1
Silicosis	50	10.5
Byssinosis	2	0.4
Unspecified/Other pneumoconiosis	102	21.4

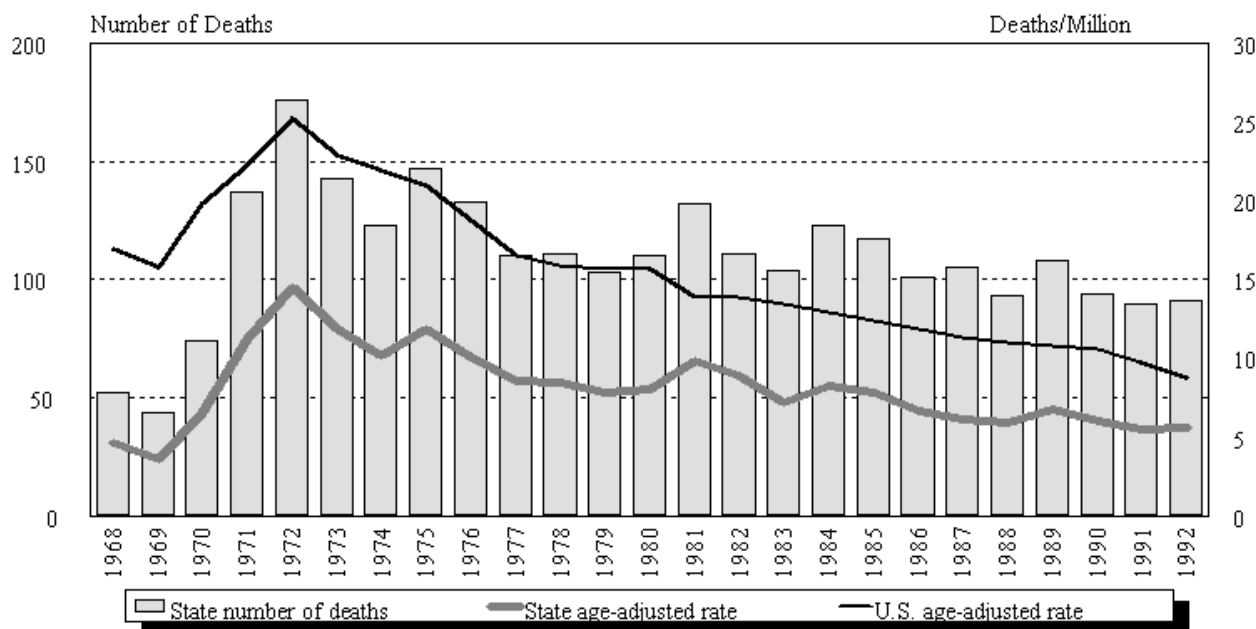
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 IL-1. All pneumoconioses: Illinois 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.

## Illinois

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

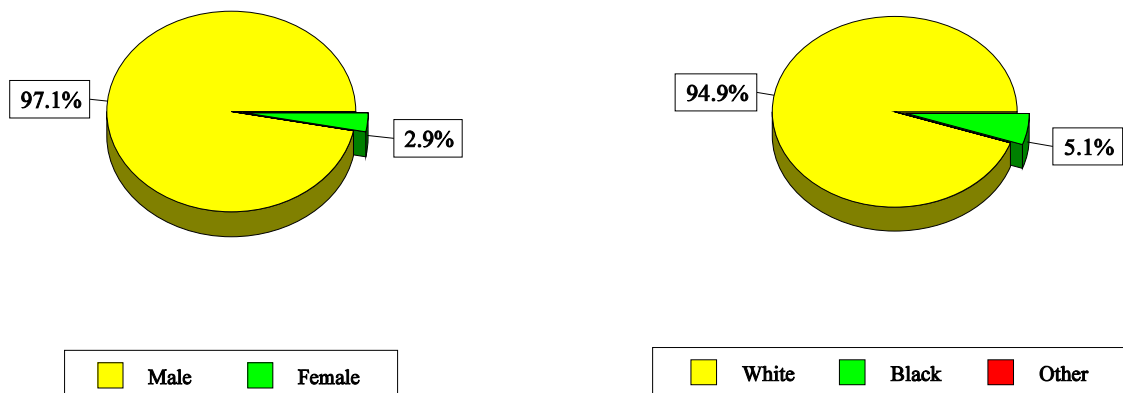
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	3	0.33	6	0.39	27	2.51			17	1.50	52	4.65
1969	1	0.10	8	0.58	20	1.72			15	1.19	44	3.60
1970	5	0.57	24	1.99	17	1.55			29	2.54	74	6.55
1971	3	0.29	40	3.39	19	1.69			76	5.92	137	11.19
1972	6	0.59	36	2.97	24	2.09			112	8.96	176	14.48
1973	1	0.09	33	2.96	20	1.67			89	7.11	143	11.83
1974	5	0.48	20	1.86	15	1.27			86	6.85	123	10.15
1975	2	0.22	40	3.09	21	1.77			86	6.96	147	11.92
1976	3	0.30	33	2.53	13	1.08			88	6.53	133	10.07
1977	6	0.57	34	2.53	6	0.43			65	5.12	110	8.55
1978	5	0.42	31	2.45	9	0.64			69	5.23	111	8.51
1979	6	0.55	36	2.63	13	1.11	-	-	48	3.60	103	7.90
1980	8	0.70	41	2.81	15	1.37	1	0.06	45	3.17	110	8.11
1981	13	1.29	86	6.01	11	0.90	-	-	22	1.63	132	9.83
1982	4	0.39	68	4.85	21	2.27	-	-	20	1.58	111	8.92
1983	11	0.89	68	4.50	11	0.84	-	-	14	0.96	104	7.19
1984	11	0.85	83	5.41	17	1.22	-	-	14	0.92	123	8.26
1985	14	1.08	78	5.19	15	1.09	-	-	12	0.60	117	7.80
1986	15	1.33	64	4.10	11	0.71	1	0.13	12	0.64	101	6.71
1987	10	0.79	63	3.46	15	1.10	-	-	18	0.85	105	6.11
1988	11	0.97	53	3.20	12	0.74	-	-	18	1.08	93	5.90
1989	26	1.78	38	2.52	9	0.54	-	-	36	1.95	108	6.74
1990	18	1.22	49	2.83	10	0.88	1	0.11	16	0.99	94	6.03
1991	20	1.51	43	2.29	8	0.69	-	-	19	1.04	90	5.53
1992	21	1.51	46	2.52	11	0.86	1	0.15	13	0.67	91	5.59

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



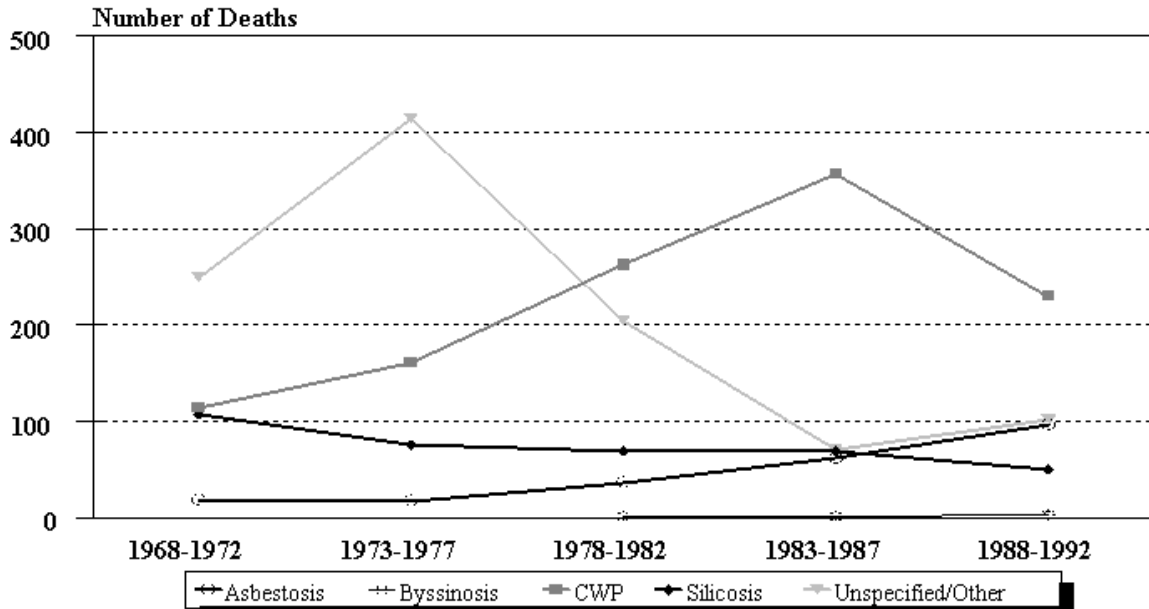
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		2,732	100.0	476	100.0
Sex	Male	2,652	97.1	459	96.4
	Female	80	2.9	17	3.6
Race	White	2,592	94.9	444	93.3
	Black	140	5.1	32	6.7
	Other	0	0.0	0	0.0
Age	15-24	2	0.1	1	0.2
	25-34	6	0.2	1	0.2
	35-44	24	0.9	4	0.8
	45-54	107	3.9	11	2.3
	55-64	382	14.0	43	9.0
	65-74	887	32.5	141	29.6
	75-84	975	35.7	199	41.8
	85+	349	12.8	76	16.0
Mean age		73.2		75.2	
Range for age		24-118		24-95	

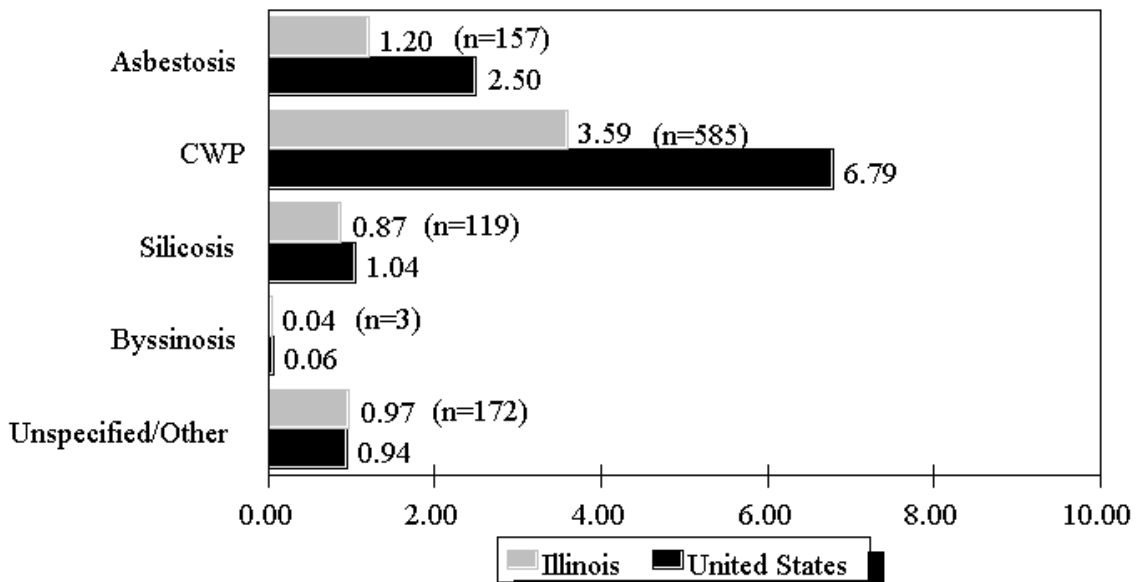
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure IL-3. Pneumoconiosis deaths by condition, Illinois 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 IL-4. Illinois 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 IL-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Illinois 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	-	-	-	-	2	1.02	-	-	-	-	2	1.02
Alexander	-	-	1	7.79	1	7.79	-	-	-	-	2	15.58
Bond	1	5.87	-	-	-	-	-	-	-	-	1	5.87
Boone	-	-	-	-	1	1.83	-	-	-	-	1	1.83
Bureau	1	2.43	-	-	-	-	-	-	-	-	1	2.43
Champaign	1	0.89	2	0.87	-	-	-	-	1	0.89	4	2.65
Christian	2	5.28	32	63.83	3	2.87	-	-	3	4.44	39	75.46
Clinton	1	3.07	1	1.34	1	1.34	-	-	1	1.34	4	7.09
Coles	1	0.85	-	-	1	2.14	-	-	-	-	2	3.00
Cook	34	0.62	45	0.70	30	0.55	-	-	22	0.35	131	2.22
Crawford	1	4.18	-	-	-	-	-	-	-	-	1	4.18
De Kalb	2	2.61	-	-	-	-	-	-	-	-	2	2.61
De Witt	-	-	1	2.27	1	8.76	-	-	-	-	2	11.03
Douglas	-	-	4	13.61	-	-	-	-	-	-	4	13.61
du Page	5	0.82	2	0.29	3	0.40	-	-	2	0.29	12	1.79
Edgar	-	-	1	4.19	1	7.43	-	-	1	4.19	3	15.80
Effingham	1	1.38	-	-	-	-	-	-	-	-	1	1.38
Fayette	-	-	-	-	-	-	1	7.27	-	-	1	7.27
Ford	1	5.86	-	-	-	-	-	-	-	-	1	5.86
Franklin	2	3.90	152	162.55	2	3.90	-	-	56	56.31	212	226.65
Fulton	-	-	17	23.97	-	-	-	-	1	0.84	18	24.81
Gallatin	-	-	3	35.72	-	-	-	-	-	-	3	35.72
Greene	-	-	1	2.02	-	-	-	-	1	2.02	2	4.05
Grundy	-	-	3	6.61	1	1.59	-	-	-	-	4	8.20
Hamilton	-	-	2	26.65	-	-	-	-	-	-	2	26.65
Hardin	-	-	1	14.87	1	7.03	-	-	1	14.87	3	36.76
Henderson	-	-	1	10.36	-	-	-	-	-	-	1	10.36
Henry	-	-	-	-	1	0.72	1	3.12	-	-	2	3.84
Iroquois	-	-	1	1.09	-	-	-	-	1	1.09	2	2.17
Jackson	1	2.26	8	10.07	-	-	-	-	1	0.93	10	13.26
Jefferson	2	2.00	12	19.35	-	-	-	-	2	4.94	16	26.29
Johnson	-	-	2	7.29	-	-	-	-	1	8.15	3	15.43
Kane	1	0.22	5	1.78	3	0.88	-	-	1	0.22	10	3.11

See footnotes at end of table.

## Illinois

**Table IL-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Illinois 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
Kankakee	-	-	1	0.52	1	0.52	-	-	-	-	2	1.03
Kendall	-	-	-	-	1	3.63	-	-	-	-	1	3.63
Knox	-	-	8	8.73	-	-	-	-	2	1.24	10	9.97
Lake	38	8.93	8	1.77	6	1.64	-	-	2	0.55	50	11.90
La Salle	2	0.68	3	1.49	5	3.61	-	-	2	0.68	12	6.45
Lawrence	1	1.59	-	-	1	9.47	-	-	-	-	2	11.06
Livingston	1	2.52	1	2.52	-	-	-	-	1	2.52	3	7.55
Logan	1	1.17	-	-	-	-	-	-	-	-	1	1.17
McDonough	-	-	1	1.21	-	-	-	-	-	-	1	1.21
McHenry	2	1.18	3	1.95	-	-	-	-	-	-	5	3.13
McLean	9	9.80	2	0.94	-	-	-	-	-	-	11	10.75
Macon	2	1.17	-	-	-	-	-	-	-	-	2	1.17
Macoupin	2	5.02	5	6.77	3	5.70	-	-	2	2.48	11	16.76
Madison	16	5.08	8	2.53	8	2.34	-	-	1	0.19	32	9.75
Marion	-	-	1	0.83	-	-	1	3.78	-	-	2	4.61
Marshall	-	-	3	7.42	-	-	-	-	-	-	3	7.42
Massac	1	2.15	-	-	1	5.48	-	-	-	-	2	7.63
Menard	-	-	2	6.61	-	-	-	-	-	-	2	6.61
Mercer	-	-	1	5.40	-	-	-	-	-	-	1	5.40
Monroe	-	-	1	4.66	-	-	-	-	-	-	1	4.66
Montgomery	-	-	2	3.87	-	-	-	-	-	-	2	3.87
Morgan	2	3.65	-	-	-	-	-	-	1	1.00	3	4.65
Moultrie	-	-	1	2.01	-	-	-	-	-	-	1	2.01
Ogle	-	-	-	-	-	-	-	-	1	2.26	1	2.26
Peoria	2	1.11	9	2.83	2	0.80	-	-	1	0.25	14	4.98
Perry	-	-	16	38.43	2	5.76	-	-	8	15.40	25	55.44
Piatt	-	-	1	2.63	1	2.63	-	-	-	-	2	5.26
Pike	1	4.52	-	-	-	-	-	-	1	1.59	2	6.11
Pope	-	-	-	-	1	7.46	-	-	-	-	1	7.46
Putnam	-	-	1	7.81	-	-	-	-	-	-	1	7.81
Randolph	-	-	10	23.80	3	10.21	-	-	1	1.10	14	35.11
Richland	-	-	1	2.00	-	-	-	-	-	-	1	2.00

See footnotes at end of table.

## Illinois

**Table IL-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Illinois 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
Rock Island	2	0.92	5	2.46	4	1.50	-	-	-	-	11	4.88
St Clair	7	1.99	11	2.36	10	3.38	-	-	3	0.79	30	8.11
Saline	1	2.95	48	104.15	-	-	-	-	19	31.26	68	138.36
Sangamon	2	1.17	18	7.76	1	0.59	-	-	1	0.25	21	9.19
Schuyler	-	-	1	10.95	-	-	-	-	-	-	1	10.95
Shelby	-	-	2	5.32	1	3.78	-	-	-	-	3	9.10
Stark	-	-	-	-	-	-	-	-	1	4.62	1	4.62
Stephenson	-	-	-	-	1	0.81	-	-	-	-	1	0.81
Tazewell	1	0.82	1	0.41	-	-	-	-	2	0.82	4	2.04
Vermilion	-	-	4	1.86	1	0.47	-	-	-	-	5	2.33
Warren	1	4.72	2	3.51	1	4.72	-	-	-	-	4	12.94
Washington	-	-	-	-	-	-	-	-	1	2.12	1	2.12
White	-	-	4	12.44	1	4.57	-	-	-	-	5	17.01
Whiteside	1	1.57	-	-	1	0.73	-	-	-	-	2	2.30
Will	2	0.82	3	0.85	8	2.38	-	-	4	1.46	17	5.51
Williamson	-	-	93	89.26	-	-	-	-	22	20.60	115	109.86
Winnebago	2	0.84	5	1.27	3	0.64	-	-	1	0.21	11	2.97
Woodford	1	3.33	2	2.64	-	-	-	-	-	-	3	5.98

- 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.





Indiana: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	Value	State rank
Total deaths	203	19
Crude mortality rate (per 1,000,000 population)	9.38	24
Age-adjusted mortality rate (per 1,000,000 population)	5.20	26
Total years of potential life lost to life expectancy	2,350	19
Years of potential life lost to life expectancy (per death)	11.6	33

Deaths by type of pneumoconiosis, 1988-1992

	Deaths*	Percent** distribution
Asbestosis	26	12.8
Coal workers' pneumoconiosis	123	60.6
Silicosis	28	13.8
Byssinosis	1	0.5
Unspecified/Other pneumoconiosis	26	12.8

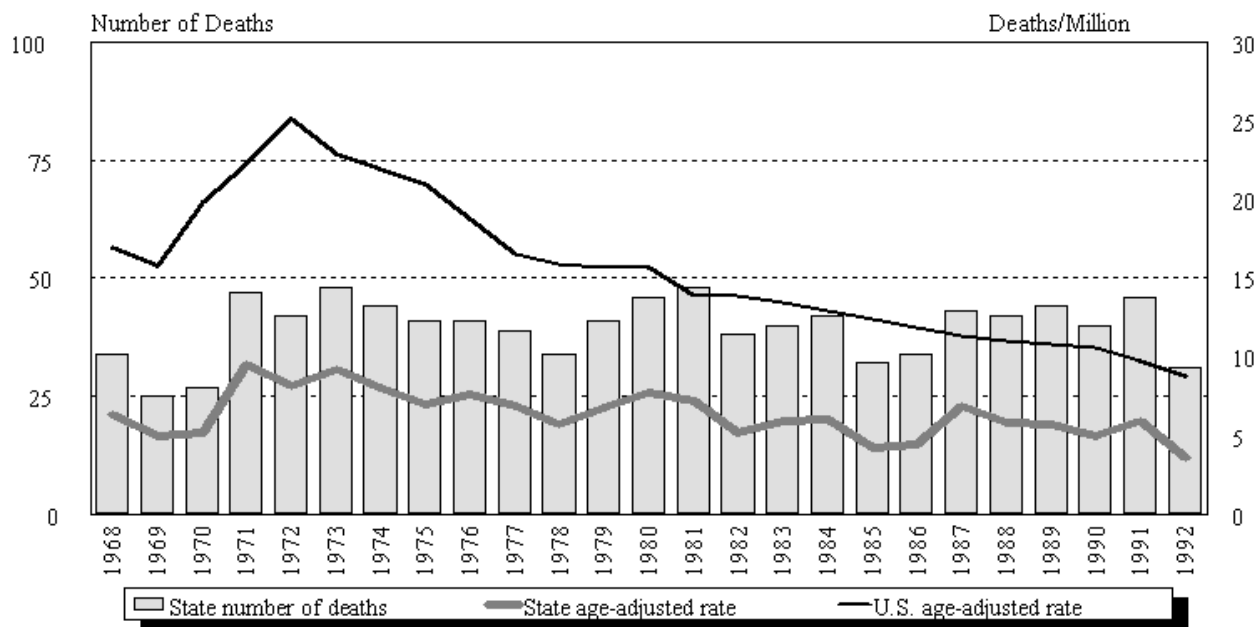
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 IN-1. All pneumoconioses: Indiana 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.

## Indiana

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

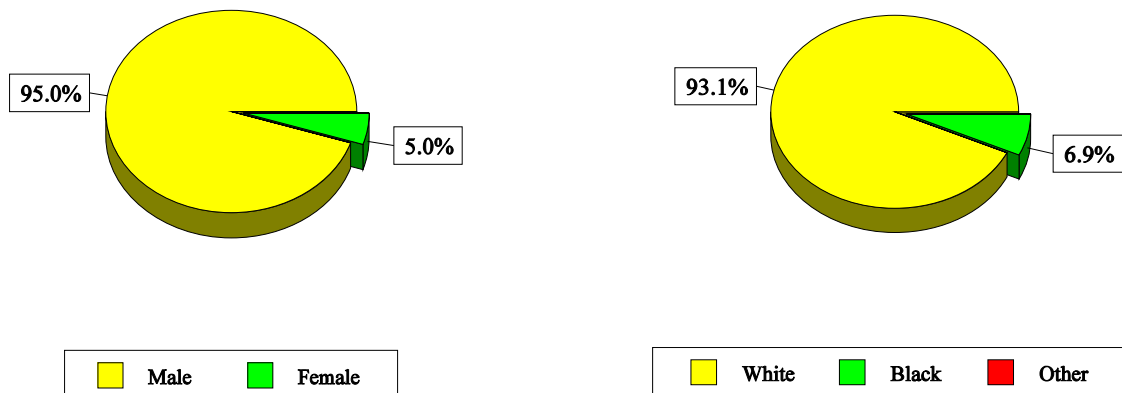
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.22	4	0.66	20	3.76			9	1.71	34	6.35
1969	-	-	3	0.67	17	3.31			5	0.96	25	4.94
1970	1	0.22	2	0.36	15	3.00			9	1.65	27	5.22
1971	1	0.21	9	1.95	17	3.27			21	4.30	47	9.50
1972	-	-	6	1.26	14	3.00			22	3.91	42	8.17
1973	-	-	14	2.81	13	2.49			21	3.91	48	9.21
1974	1	0.23	12	2.37	10	2.02			23	3.82	44	8.01
1975	1	0.20	14	2.29	7	1.27			21	3.60	41	6.95
1976	-	-	14	2.68	10	1.83			19	3.42	41	7.63
1977	-	-	18	3.48	11	1.84			11	1.81	39	6.91
1978	4	0.86	8	1.45	9	1.47			13	1.96	34	5.75
1979	3	0.71	15	2.27	12	2.10	-	-	11	1.66	41	6.74
1980	4	0.76	22	3.69	9	1.63	-	-	11	1.66	46	7.74
1981	2	0.36	24	3.89	6	0.68	-	-	18	2.64	48	7.16
1982	6	0.96	16	2.30	6	0.74	-	-	10	1.22	38	5.22
1983	3	0.45	22	3.21	8	1.32	-	-	7	0.99	40	5.97
1984	4	0.53	25	3.66	7	1.22	-	-	6	0.59	42	6.00
1985	3	0.52	21	2.70	3	0.35	-	-	5	0.64	32	4.20
1986	3	0.55	22	2.66	6	0.82	-	-	3	0.40	34	4.44
1987	3	0.60	25	4.08	8	1.45	-	-	7	0.72	43	6.84
1988	5	0.71	25	3.40	6	0.95	-	-	6	0.77	42	5.83
1989	5	0.59	27	3.47	6	0.86	-	-	6	0.75	44	5.68
1990	8	1.19	19	2.17	8	1.19	-	-	6	0.68	40	5.01
1991	4	0.64	33	3.96	4	0.64	1	0.16	4	0.52	46	5.93
1992	4	0.51	19	2.09	4	0.63	-	-	4	0.35	31	3.59

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



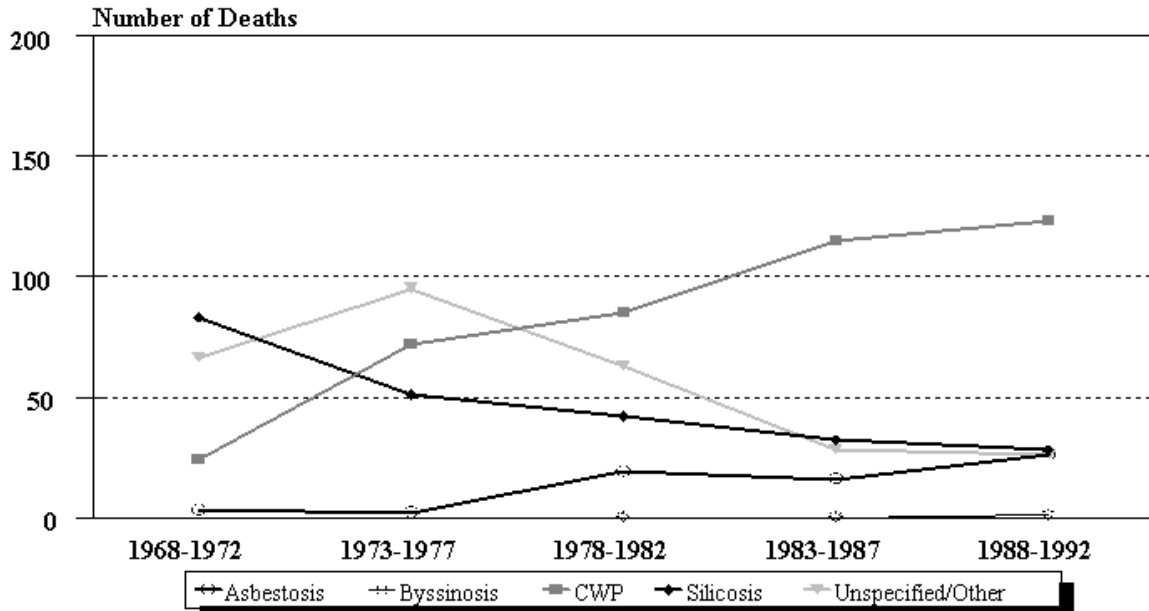
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		989	100.0	203	100.0
Sex	Male	940	95.0	198	97.5
	Female	49	5.0	5	2.5
Race	White	921	93.1	188	92.6
	Black	68	6.9	15	7.4
	Other	0	0.0	0	0.0
Age	15-24	2	0.2	0	0.0
	25-34	4	0.4	1	0.5
	35-44	8	0.8	3	1.5
	45-54	27	2.7	1	0.5
	55-64	158	16.0	19	9.4
	65-74	334	33.8	61	30.0
	75-84	346	35.0	90	44.3
	85+	110	11.1	28	13.8
Mean age		72.8		75.2	
Range for age		24-99		34-93	

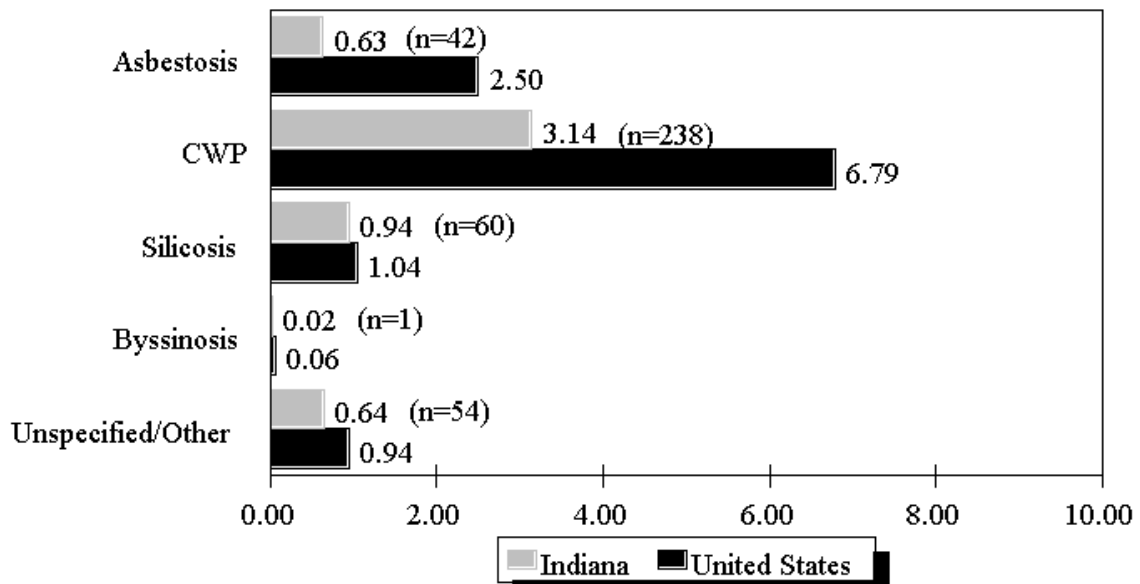
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure IN-3. Pneumoconiosis deaths by condition, Indiana 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 IN-4. Indiana 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 IN-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Indiana 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
Allen	1	0.39	10	3.15	-	-	-	-	-	-	11	3.55
Bartholomew	-	-	-	-	1	0.94	-	-	1	1.75	2	2.69
Boone	-	-	1	1.22	-	-	-	-	-	-	1	1.22
Cass	-	-	1	1.17	2	3.55	-	-	-	-	3	4.72
Clark	1	0.66	1	1.23	2	1.90	-	-	1	1.23	5	5.03
Clay	-	-	5	9.54	2	5.14	-	-	-	-	7	14.69
Daviess	-	-	2	6.80	-	-	-	-	2	6.80	4	13.60
Dearborn	-	-	3	5.87	1	1.50	-	-	-	-	4	7.37
De Kalb	-	-	1	1.53	-	-	-	-	-	-	1	1.53
Delaware	-	-	4	2.67	1	0.44	-	-	-	-	5	3.11
Dubois	-	-	3	8.72	-	-	-	-	-	-	3	8.72
Elkhart	-	-	6	3.50	1	0.78	-	-	-	-	7	4.28
Fayette	-	-	3	7.15	-	-	-	-	-	-	3	7.15
Floyd	-	-	1	1.68	1	2.15	-	-	-	-	2	3.83
Fountain	-	-	-	-	2	4.34	-	-	-	-	2	4.34
Fulton	-	-	1	4.67	-	-	-	-	-	-	1	4.67
Gibson	1	2.88	26	44.62	-	-	-	-	9	14.15	36	61.66
Grant	1	1.27	4	4.47	-	-	-	-	-	-	5	5.74
Greene	-	-	20	40.01	1	2.95	-	-	5	7.84	26	50.80
Hamilton	-	-	2	2.21	-	-	-	-	-	-	2	2.21
Hancock	-	-	2	5.27	-	-	-	-	-	-	2	5.27
Harrison	-	-	3	7.75	-	-	-	-	-	-	3	7.75
Hendricks	1	1.66	3	3.67	-	-	-	-	-	-	4	5.33
Henry	1	1.91	2	1.86	-	-	-	-	2	1.86	5	5.62
Howard	1	0.73	1	0.73	4	3.47	-	-	1	0.73	7	5.65
Huntington	1	1.20	1	2.99	-	-	-	-	-	-	2	4.18
Jackson	-	-	1	1.20	-	-	-	-	-	-	1	1.20
Jay	1	4.31	-	-	-	-	-	-	-	-	1	4.31
Jefferson	-	-	1	3.47	1	1.69	-	-	-	-	2	5.16
Johnson	-	-	1	0.68	2	3.03	-	-	-	-	3	3.71
Knox	2	4.63	7	7.85	-	-	-	-	-	-	8	10.17
Kosciusko	-	-	6	8.73	-	-	-	-	-	-	6	8.73
Lagrange	-	-	1	4.36	-	-	-	-	-	-	1	4.36

See footnotes at end of table.

# Indiana

**Table IN-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Indiana 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
Lake	5	0.98	7	1.33	9	1.43	-	-	6	0.96	27	4.69
La Porte	1	0.51	-	-	1	0.94	-	-	1	0.51	3	1.96
Lawrence	1	1.04	-	-	-	-	-	-	1	2.27	2	3.30
Madison	-	-	2	0.75	2	0.75	-	-	1	0.38	5	1.88
Marion	7	0.86	16	1.57	13	1.84	-	-	2	0.22	38	4.48
Marshall	-	-	1	2.48	-	-	-	-	-	-	1	2.48
Martin	-	-	1	9.20	-	-	-	-	1	5.06	2	14.26
Montgomery	-	-	2	4.13	-	-	-	-	-	-	2	4.13
Morgan	1	2.14	-	-	-	-	-	-	-	-	1	2.14
Newton	-	-	-	-	-	-	-	-	1	7.76	1	7.76
Noble	-	-	2	4.44	-	-	-	-	-	-	2	4.44
Ohio	-	-	1	8.32	-	-	-	-	-	-	1	8.32
Parke	-	-	-	-	1	5.63	-	-	-	-	1	5.63
Pike	-	-	8	36.24	-	-	-	-	8	24.40	16	60.64
Porter	-	-	5	4.19	1	0.61	-	-	-	-	6	4.80
Posey	-	-	4	12.75	-	-	-	-	-	-	4	12.75
Putnam	-	-	-	-	-	-	-	-	1	1.61	1	1.61
Randolph	1	3.33	2	4.86	1	1.53	-	-	-	-	4	9.72
Ripley	-	-	2	5.93	1	1.72	-	-	-	-	3	7.65
St Joseph	1	0.19	1	0.19	1	0.41	-	-	-	-	3	0.79
Scott	-	-	5	19.90	-	-	-	-	-	-	5	19.90
Shelby	-	-	2	4.02	-	-	-	-	-	-	2	4.02
Spencer	-	-	-	-	2	10.63	-	-	-	-	2	10.63
Starke	-	-	1	4.35	-	-	-	-	1	2.05	2	6.41
Sullivan	1	4.43	8	19.66	-	-	-	-	1	4.43	10	28.52
Tippecanoe	1	1.13	1	0.54	2	2.25	-	-	-	-	4	3.92
Union	1	15.13	-	-	1	6.38	-	-	-	-	2	21.51
Vanderburgh	6	1.79	13	4.76	2	0.49	-	-	3	1.36	24	8.41
Vermillion	-	-	4	8.38	-	-	-	-	2	10.56	6	18.93
Vigo	2	1.31	8	3.18	-	-	1	0.92	2	1.31	13	6.72
Wabash	-	-	4	6.40	-	-	-	-	-	-	4	6.40

See footnotes at end of table.

**Table IN-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Indiana 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
Warren	-	-	-	-	1	19.59	-	-	-	-	1	19.59
Warrick	2	5.68	8	18.58	-	-	-	-	2	2.93	12	27.19
Washington	-	-	1	4.51	1	6.29	-	-	-	-	2	10.80
Wayne	1	1.29	2	1.89	-	-	-	-	-	-	3	3.18
Wells	-	-	4	12.22	-	-	-	-	-	-	4	12.22

- 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.





## Iowa: Selected statistics from the United States section

### All pneumoconioses mortality, 1988-1992

	<u>Value</u>	<u>State rank</u>
Total deaths	64	34
Crude mortality rate (per 1,000,000 population)	5.90	38
Age-adjusted mortality rate (per 1,000,000 population)	2.67	45
Total years of potential life lost to life expectancy	701	35
Years of potential life lost to life expectancy (per death)	11.0	44

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

	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	18	28.1
Coal workers' pneumoconiosis	33	51.6
Silicosis	9	14.1
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	4	6.3

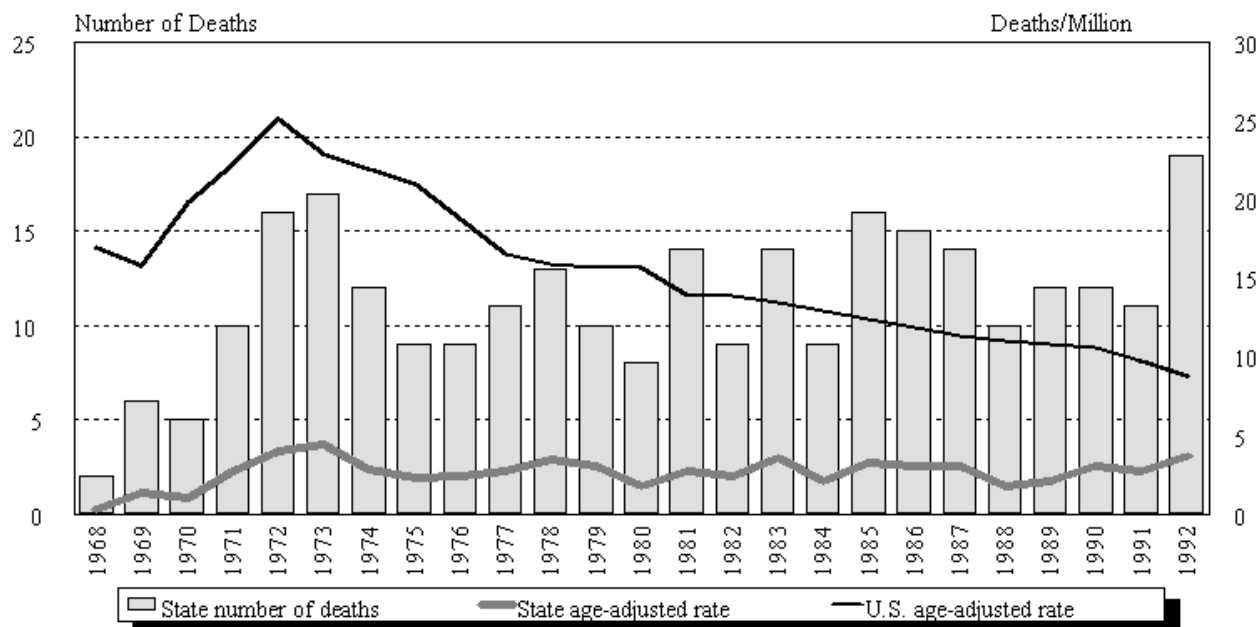
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 IA-1. All pneumoconioses: Iowa 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.

# Iowa

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

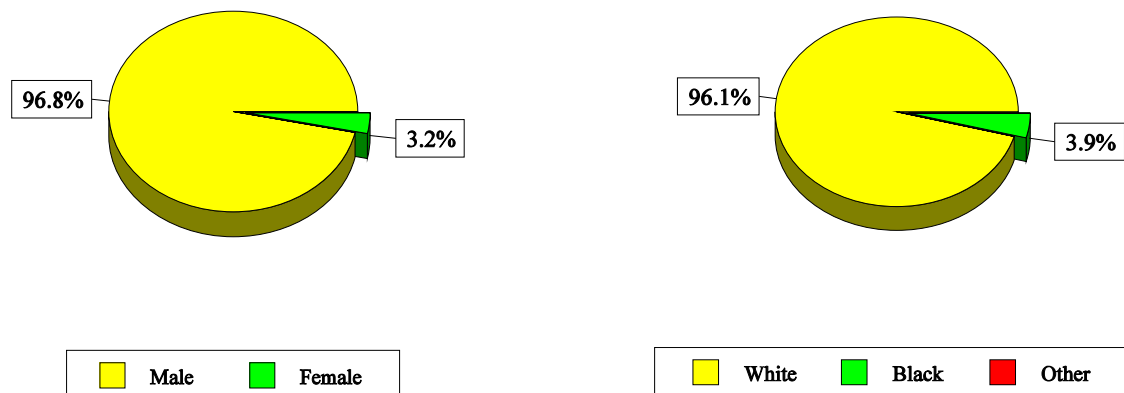
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.12	-	-	-	-			1	0.20	2	0.32
1969	-	-	-	-	6	1.42			-	-	6	1.42
1970	-	-	1	0.20	3	0.51			1	0.32	5	1.03
1971	-	-	1	0.19	2	0.72			7	1.89	10	2.80
1972	-	-	4	0.61	6	1.81			6	1.62	16	4.04
1973	-	-	7	1.92	4	1.22			7	1.66	17	4.41
1974	1	0.40	3	0.56	4	1.06			4	0.88	12	2.90
1975	1	0.32	2	0.63	2	0.37			4	1.01	9	2.33
1976	1	0.52	6	1.19	-	-			2	0.70	9	2.41
1977	1	0.53	7	1.57	1	0.18			2	0.48	11	2.76
1978	-	-	4	0.98	2	0.92			7	1.54	13	3.44
1979	1	0.08	7	2.33	-	-	-	-	2	0.61	10	3.02
1980	-	-	5	1.13	3	0.68	-	-	-	-	8	1.81
1981	1	0.38	11	1.91	1	0.30	-	-	1	0.18	14	2.77
1982	-	-	6	1.66	1	0.38	-	-	2	0.35	9	2.39
1983	1	0.17	8	1.98	3	0.85	-	-	2	0.56	14	3.57
1984	1	0.39	6	1.18	2	0.56	-	-	-	-	9	2.12
1985	3	1.20	10	1.54	2	0.34	-	-	1	0.17	16	3.25
1986	4	1.05	8	1.63	3	0.41	-	-	-	-	15	3.09
1987	6	1.19	3	0.75	5	1.11	-	-	-	-	14	3.05
1988	2	0.46	6	1.05	2	0.33	-	-	-	-	10	1.84
1989	2	0.45	9	1.62	1	0.07	-	-	-	-	12	2.14
1990	4	1.14	6	1.02	2	0.86	-	-	-	-	12	3.02
1991	3	1.15	6	1.13	2	0.44	-	-	-	-	11	2.72
1992	7	1.36	6	0.75	2	0.60	-	-	4	1.01	19	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 IA-2. All pneumoconioses: Distribution of deaths by sex and race, Iowa 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.

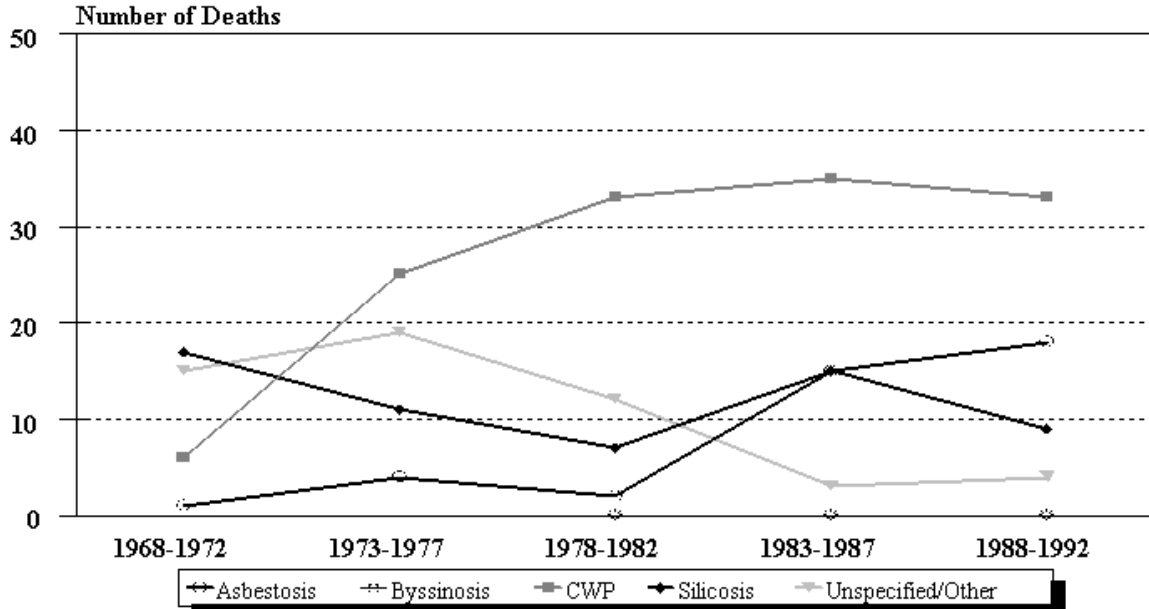
**Table IA-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Iowa residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		283	100.0	64	100.0
Sex	Male	274	96.8	63	98.4
	Female	9	3.2	1	1.6
Race	White	272	96.1	61	95.3
	Black	11	3.9	3	4.7
	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	9	3.2	1	1.6
	55-64	28	9.9	5	7.8
	65-74	89	31.4	20	31.3
	75-84	112	39.6	26	40.6
	85+	45	15.9	12	18.8
Mean age		75.1		76.1	
Range for age		45-100		47-100	

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.

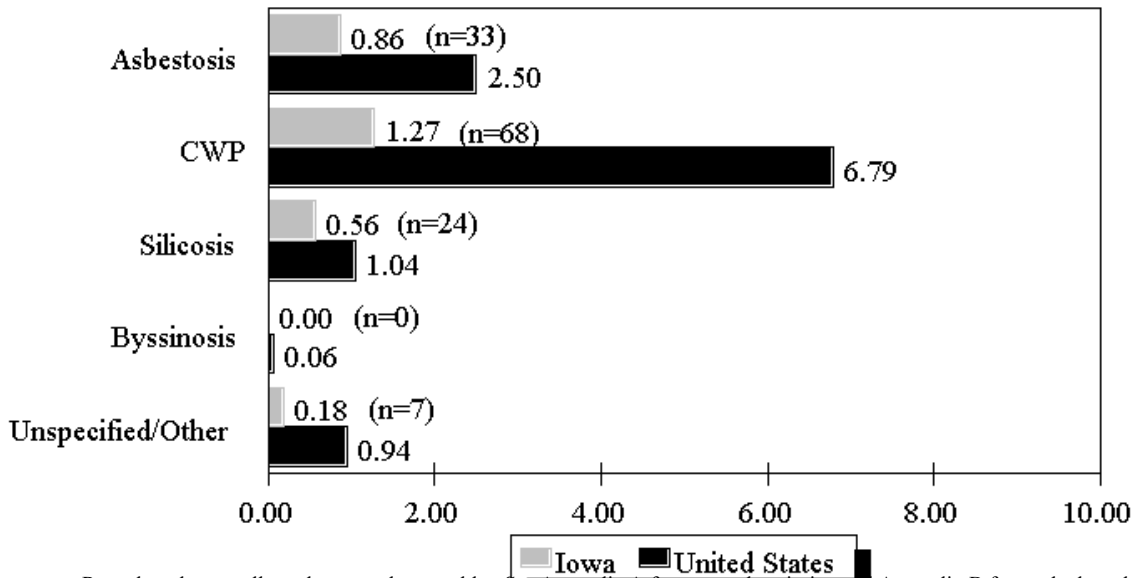
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure IA-3. Pneumoconiosis deaths by condition, Iowa 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 IA-4. Iowa 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 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 IA-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Iowa 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	5.30	-	-	-	-	-	-	1	5.30
Appanoose	-	-	7	17.55	1	5.79	-	-	-	-	8	23.34
Black Hawk	2	1.24	2	0.78	6	3.71	-	-	1	0.85	11	6.58
Boone	-	-	6	12.16	-	-	-	-	-	-	6	12.16
Carroll	1	4.24	-	-	-	-	-	-	-	-	1	4.24
Cedar	2	10.48	-	-	-	-	-	-	-	-	2	10.48
Clinton	-	-	-	-	-	-	-	-	1	1.83	1	1.83
Dallas	-	-	2	2.76	-	-	-	-	-	-	2	2.76
Davis	-	-	2	14.04	-	-	-	-	-	-	2	14.04
Delaware	1	2.36	-	-	1	2.36	-	-	-	-	2	4.72
Des Moines	3	6.59	-	-	1	0.87	-	-	-	-	4	7.46
Emmet	-	-	1	7.48	-	-	-	-	-	-	1	7.48
Guthrie	-	-	1	2.46	-	-	-	-	-	-	1	2.46
Hamilton	-	-	-	-	1	5.13	-	-	-	-	1	5.13
Henry	1	5.28	-	-	-	-	-	-	-	-	1	5.28
Iowa	-	-	1	2.10	-	-	-	-	-	-	1	2.10
Jackson	1	7.62	1	1.78	-	-	-	-	-	-	2	9.40
Jasker	1	2.61	3	4.84	1	1.12	-	-	-	-	5	8.57
Jefferson	-	-	2	4.65	-	-	-	-	-	-	2	4.65
Johnson	-	-	-	-	1	0.89	-	-	-	-	1	0.89
Lee	2	4.64	-	-	1	0.95	-	-	2	3.27	5	8.87
Linn	2	1.37	1	0.68	2	1.53	-	-	-	-	5	3.58
Lucas	-	-	2	19.19	-	-	-	-	-	-	2	19.19
Madison	-	-	1	2.47	-	-	-	-	-	-	1	2.47
Marion	-	-	5	12.40	-	-	-	-	-	-	5	12.40
Mitchell	-	-	-	-	1	2.27	-	-	-	-	1	2.27
Monroe	-	-	5	35.91	-	-	-	-	-	-	5	35.91
Montgomery	-	-	1	2.01	-	-	-	-	-	-	1	2.01
Muscatine	1	1.13	-	-	2	2.26	-	-	-	-	3	3.39
Page	1	4.71	-	-	-	-	-	-	-	-	1	4.71
Polk	5	1.45	13	2.46	1	0.17	-	-	1	0.37	20	4.45
Pottawattamie	2	1.79	-	-	-	-	-	-	-	-	2	1.79

See footnotes at end of table.

# Iowa

**Table IA-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Iowa 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
Poweshiek	1	5.07	-	-	-	-	-	-	-	-	1	5.07
Scott	2	0.78	2	1.17	3	1.56	-	-	-	-	7	3.50
Sioux	1	3.53	-	-	-	-	-	-	-	-	1	3.53
Story	-	-	2	4.26	-	-	-	-	-	-	2	4.26
Tama	-	-	-	-	1	4.77	-	-	-	-	1	4.77
Union	-	-	1	2.23	-	-	-	-	-	-	1	2.23
Van Buren	-	-	1	3.57	-	-	-	-	-	-	1	3.57
Wapello	1	0.87	2	1.74	-	-	-	-	-	-	3	2.61
Wayne	-	-	1	2.90	-	-	-	-	-	-	1	2.90
Webster	-	-	2	3.00	-	-	-	-	2	1.64	4	4.64
Woodbury	3	1.88	-	-	1	0.43	-	-	-	-	4	2.31

- 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.

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

<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	41	38
Crude mortality rate (per 1,000,000 population)	4.28	46
Age-adjusted mortality rate (per 1,000,000 population)	2.25	48
Total years of potential life lost to life expectancy	513	38
Years of potential life lost to life expectancy (per death)	12.5	16

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	20	48.8
Coal workers' pneumoconiosis	10	24.4
Silicosis	3	7.3
Byssinosis	1	2.4
Unspecified/Other pneumoconiosis	7	17.1

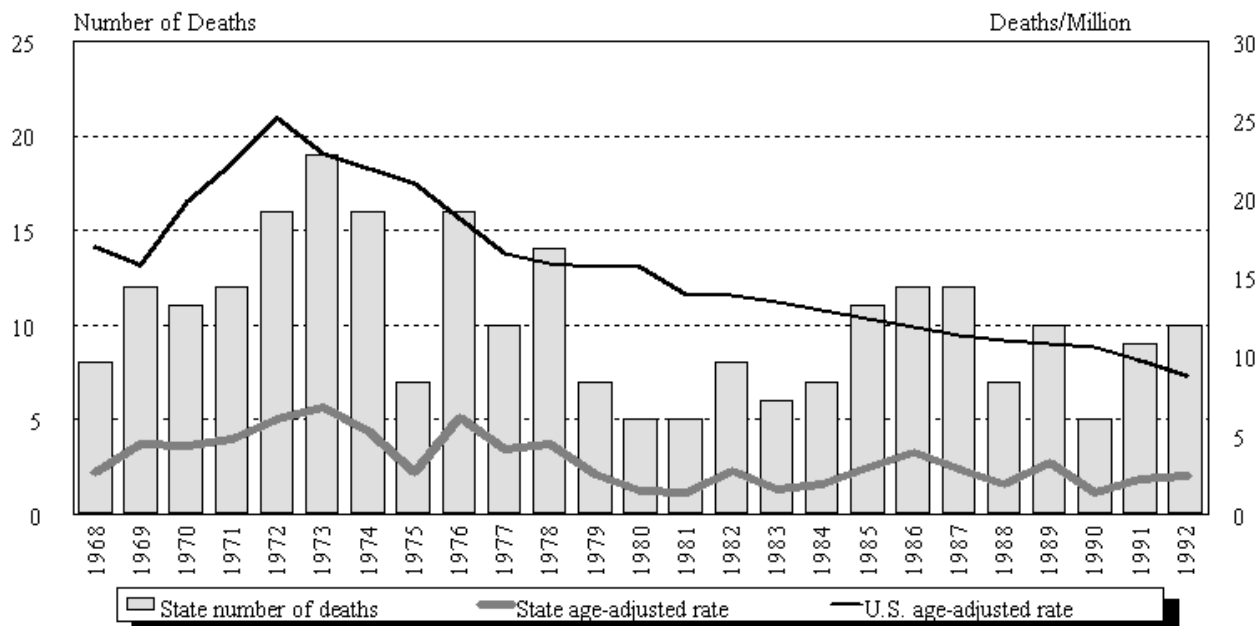
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 KS-1. All pneumoconioses: Kansas 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.

## Kansas

**Table KS-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Kansas 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	0.16	6	2.28			1	0.16	8	2.61
1969	-	-	-	-	9	3.06			3	1.34	12	4.40
1970	-	-	-	-	11	4.32			-	-	11	4.32
1971	-	-	1	0.26	8	3.31			3	1.17	12	4.74
1972	-	-	4	1.02	6	2.90			6	2.12	16	6.04
1973	-	-	5	1.68	9	3.70			5	1.44	19	6.82
1974	-	-	7	2.06	4	1.70			5	1.54	16	5.30
1975	1	0.24	1	0.50	-	-			5	1.89	7	2.63
1976	-	-	2	0.88	9	3.58			5	1.64	16	6.10
1977	-	-	2	1.18	4	1.39			5	1.77	10	4.10
1978	-	-	5	1.35	4	1.58			5	1.49	14	4.43
1979	1	0.48	2	0.75	2	0.85	-	-	2	0.47	7	2.55
1980	-	-	1	0.23	1	0.23	-	-	3	0.98	5	1.44
1981	-	-	1	0.11	3	0.95	-	-	1	0.37	5	1.42
1982	1	0.47	3	0.69	4	1.64	-	-	-	-	8	2.80
1983	1	0.36	2	0.46	2	0.46	-	-	1	0.36	6	1.64
1984	-	-	6	1.72	-	-	-	-	1	0.22	7	1.94
1985	2	0.69	6	1.32	2	0.57	-	-	1	0.36	11	2.94
1986	3	0.93	7	2.16	-	-	-	-	2	0.84	12	3.94
1987	5	1.33	2	0.30	5	1.21	-	-	-	-	12	2.84
1988	3	0.76	-	-	1	0.35	-	-	3	0.76	7	1.87
1989	5	1.87	4	1.28	-	-	-	-	1	0.09	10	3.24
1990	2	0.40	2	0.76	-	-	1	0.20	-	-	5	1.35
1991	3	0.59	2	0.69	1	0.20	-	-	3	0.78	9	2.25
1992	7	1.59	2	0.69	1	0.19	-	-	-	-	10	2.48

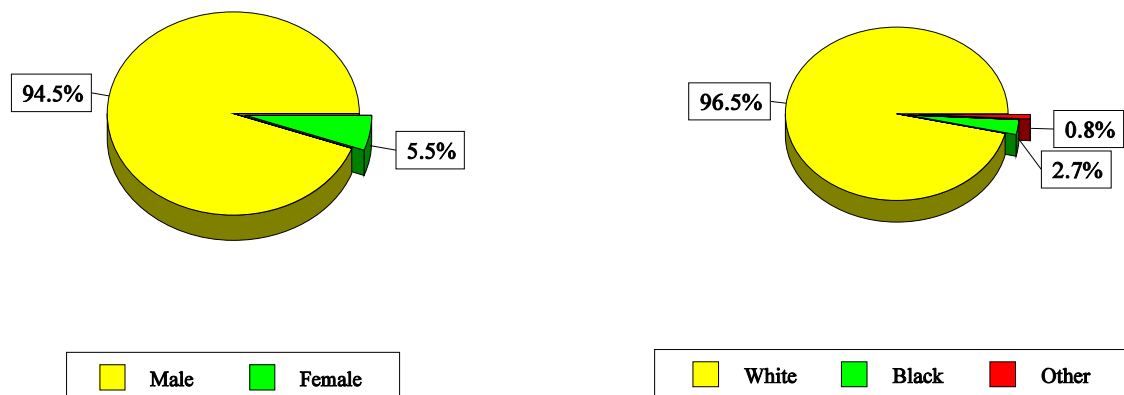
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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



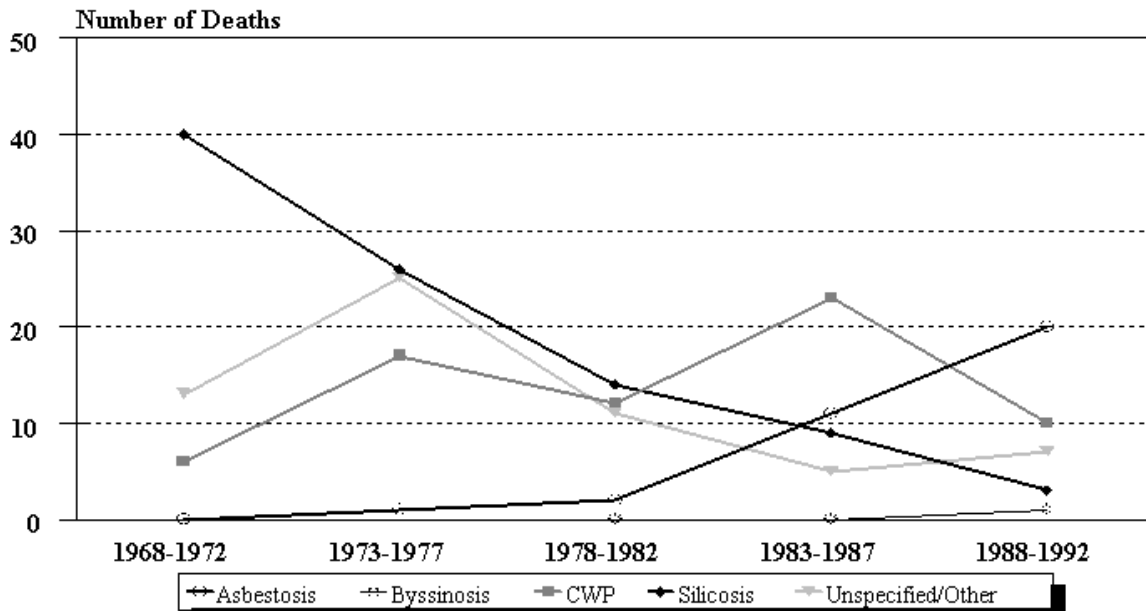
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		255	100.0	41	100.0
Sex	Male	241	94.5	39	95.1
	Female	14	5.5	2	4.9
Race	White	246	96.5	38	92.7
	Black	7	2.7	3	7.3
	Other	2	0.8	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	1	0.4	0	0.0
	35-44	3	1.2	2	4.9
	45-54	10	3.9	2	4.9
	55-64	41	16.1	2	4.9
	65-74	87	34.1	11	26.8
	75-84	75	29.4	17	41.5
	85+	38	14.9	7	17.1
Mean age		72.5		73.6	
Range for age		27-95		37-90	

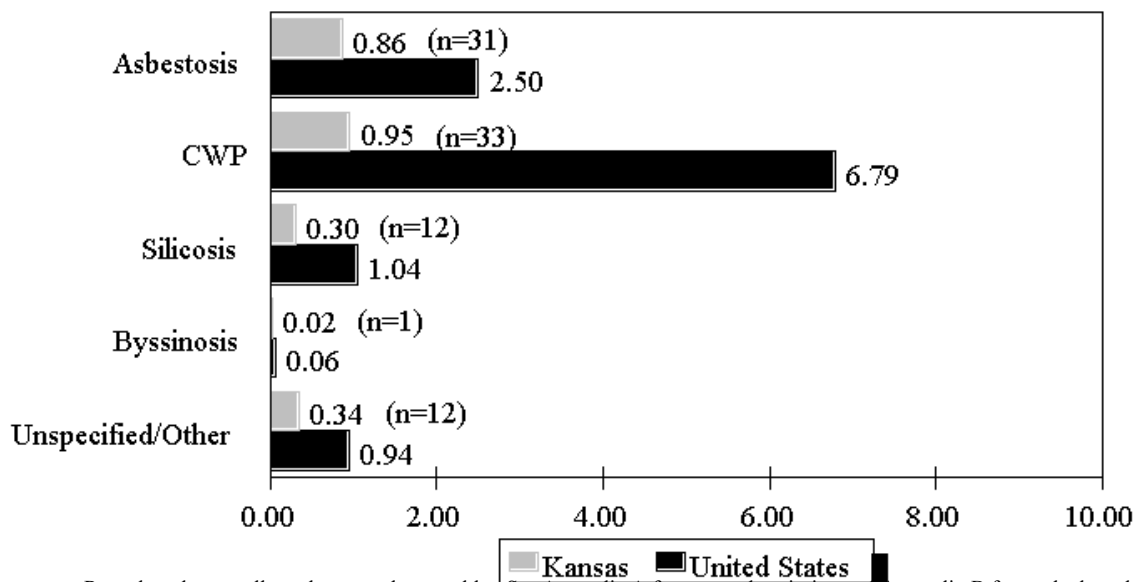
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure KS-3. Pneumoconiosis deaths by condition, Kansas 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 KS-4. Kansas 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 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 KS-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Kansas 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
Atchison	-	-	-	-	2	3.92	-	-	2	7.47	4	11.39
Bourbon	-	-	1	5.46	-	-	-	-	-	-	1	5.46
Bulter	5	6.98	-	-	-	-	-	-	-	-	5	6.98
Cherokee	-	-	1	4.03	3	7.13	-	-	2	8.06	6	19.23
Cowley	1	0.92	-	-	-	-	-	-	-	-	1	0.92
Crawford	-	-	6	6.32	1	2.48	-	-	2	3.25	9	12.05
Dickson	-	-	-	-	-	-	-	-	1	4.43	1	4.43
Douglas	2	3.27	1	0.96	-	-	-	-	-	-	3	4.23
Franklin	-	-	1	1.55	-	-	-	-	-	-	1	1.55
Geary	1	5.14	-	-	-	-	-	-	-	-	1	5.14
Harvey	1	3.23	-	-	-	-	-	-	-	-	1	3.23
Jefferson	-	-	1	2.56	-	-	-	-	-	-	1	2.56
Jewell	1	14.93	-	-	-	-	-	-	-	-	1	14.93
Johnson	3	0.85	2	0.61	-	-	-	-	-	-	5	1.46
Kingman	1	3.51	-	-	-	-	-	-	-	-	1	3.51
Labette	1	1.27	1	3.72	-	-	-	-	-	-	2	4.99
Leavenworth	-	-	-	-	2	3.24	-	-	-	-	2	3.24
Linn	1	3.21	2	6.43	-	-	-	-	-	-	3	9.64
Marshall	2	8.21	-	-	-	-	-	-	-	-	2	8.21
Miami	-	-	-	-	-	-	-	-	1	4.50	1	4.50
Montgomery	1	0.75	-	-	-	-	-	-	-	-	1	0.75
Morris	1	12.04	-	-	-	-	-	-	-	-	1	12.04
Osage	1	2.06	3	6.18	-	-	-	-	1	2.06	5	10.31
Osborne	-	-	-	-	1	13.56	-	-	-	-	1	13.56
Pratt	1	2.88	-	-	-	-	-	-	-	-	1	2.88
Reno	-	-	6	10.58	-	-	-	-	-	-	6	10.58
Riley	1	3.41	-	-	-	-	-	-	-	-	1	3.41
Sedgwick	2	0.44	3	0.82	1	0.29	1	0.15	2	0.44	9	2.14
Shawnee	4	1.54	3	1.25	-	-	-	-	1	0.30	8	3.09
Stevens	-	-	-	-	1	9.11	-	-	-	-	1	9.11
Wilson	-	-	-	-	1	2.40	-	-	-	-	1	2.40
Woodson	-	-	1	15.67	-	-	-	-	-	-	1	15.67
Wyandotte	1	0.64	1	0.30	-	-	-	-	-	-	2	0.94

- 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.



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

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	871	4
Crude mortality rate (per 1,000,000 population)	60.22	3
Age-adjusted mortality rate (per 1,000,000 population)	34.22	3
Total years of potential life lost to life expectancy	10,380	4
Years of potential life lost to life expectancy (per death)	11.9	26

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	19	2.2
Coal workers' pneumoconiosis	648	74.4
Silicosis	28	3.2
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	178	20.4

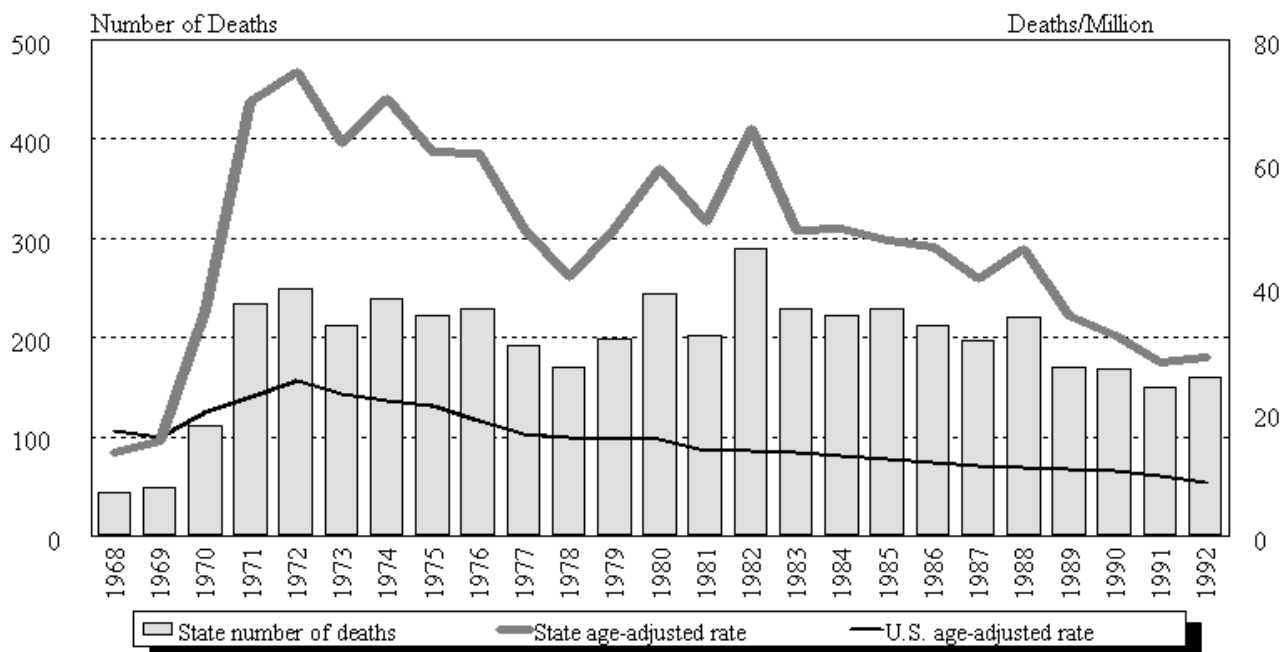
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 KY-1. All pneumoconioses: Kentucky 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.

## Kentucky

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

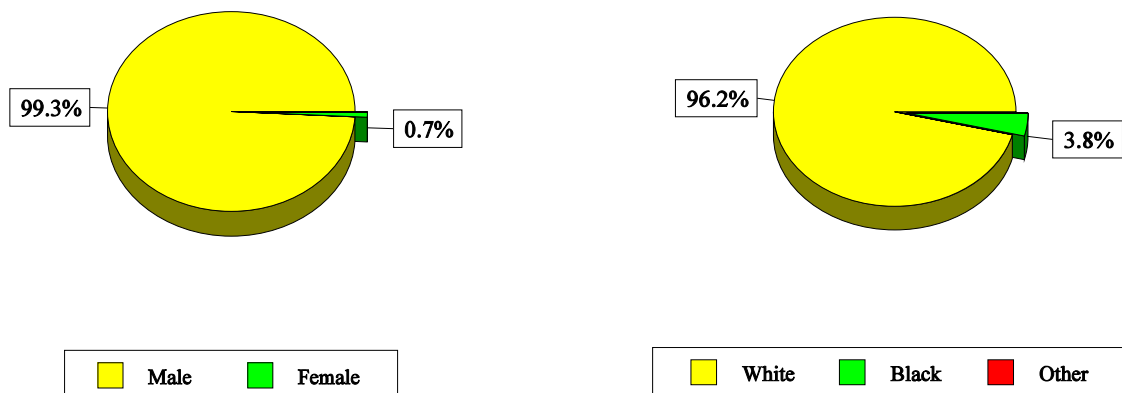
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	3	0.66	23	7.91			18	5.09	44	13.67
1969	-	-	7	2.41	22	6.75			22	6.88	49	15.37
1970	1	0.45	34	11.34	31	10.06			51	16.06	112	36.36
1971	-	-	80	24.29	25	8.14			138	40.56	234	69.92
1972	-	-	88	27.54	30	8.46			140	41.71	250	74.98
1973	-	-	72	22.00	24	6.57			119	35.42	213	63.28
1974	-	-	89	27.26	10	2.67			143	41.79	239	70.62
1975	-	-	89	24.56	15	4.16			123	34.39	222	61.87
1976	-	-	97	26.29	12	3.49			121	32.22	229	61.72
1977	-	-	94	24.16	13	3.25			89	22.97	193	49.66
1978	1	0.33	84	20.64	4	0.76			82	20.01	171	41.73
1979	1	0.26	109	26.91	10	3.23	-	-	80	19.76	199	49.73
1980	-	-	130	31.32	4	1.10	-	-	111	26.97	245	59.39
1981	6	1.63	159	39.89	4	1.00	-	-	34	8.14	203	50.66
1982	2	0.63	242	55.19	12	2.73	-	-	34	7.29	290	65.84
1983	-	-	196	42.34	6	1.19	-	-	27	5.85	229	49.38
1984	2	0.62	177	39.66	3	0.66	-	-	40	8.54	222	49.48
1985	4	1.18	195	39.71	10	2.63	-	-	21	4.28	229	47.63
1986	4	0.74	182	39.54	5	1.48	-	-	22	5.07	212	46.66
1987	3	0.65	161	32.93	2	0.57	-	-	31	7.36	197	41.50
1988	4	0.55	168	35.11	11	2.65	-	-	39	8.23	221	46.30
1989	4	1.24	137	28.59	3	0.81	-	-	26	5.03	170	35.67
1990	1	0.15	115	23.03	6	1.20	-	-	47	7.93	169	32.32
1991	5	1.40	112	19.95	2	0.55	-	-	32	6.56	150	28.12
1992	5	1.01	116	20.58	6	1.54	-	-	34	5.68	161	28.80

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



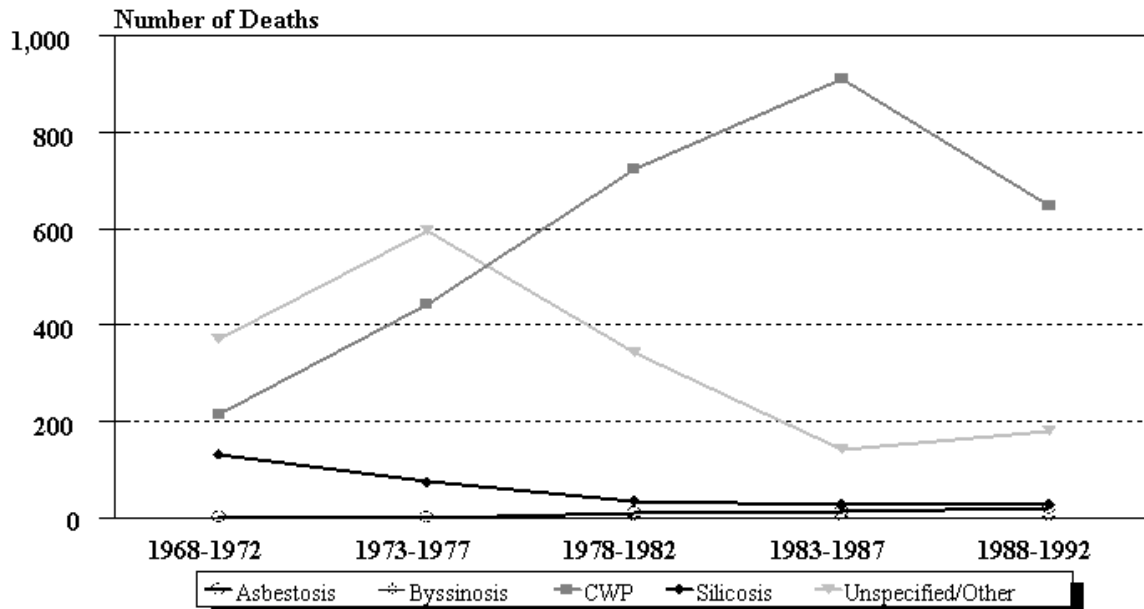
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		4,853	100.0	871	100.0
Sex	Male	4,821	99.3	866	99.4
	Female	32	0.7	5	0.6
Race	White	4,668	96.2	852	97.8
	Black	184	3.8	18	2.1
	Other	1	0.0	1	0.1
Age	15-24	1	0.0	0	0.0
	25-34	2	0.0	2	0.2
	35-44	39	0.8	8	0.9
	45-54	212	4.4	24	2.8
	55-64	913	18.8	86	9.9
	65-74	1,731	35.7	283	32.5
	75-84	1,496	30.8	330	37.9
	85+	459	9.5	138	15.8
Mean age		71.5		74.5	
Range for age		22-102		25-99	

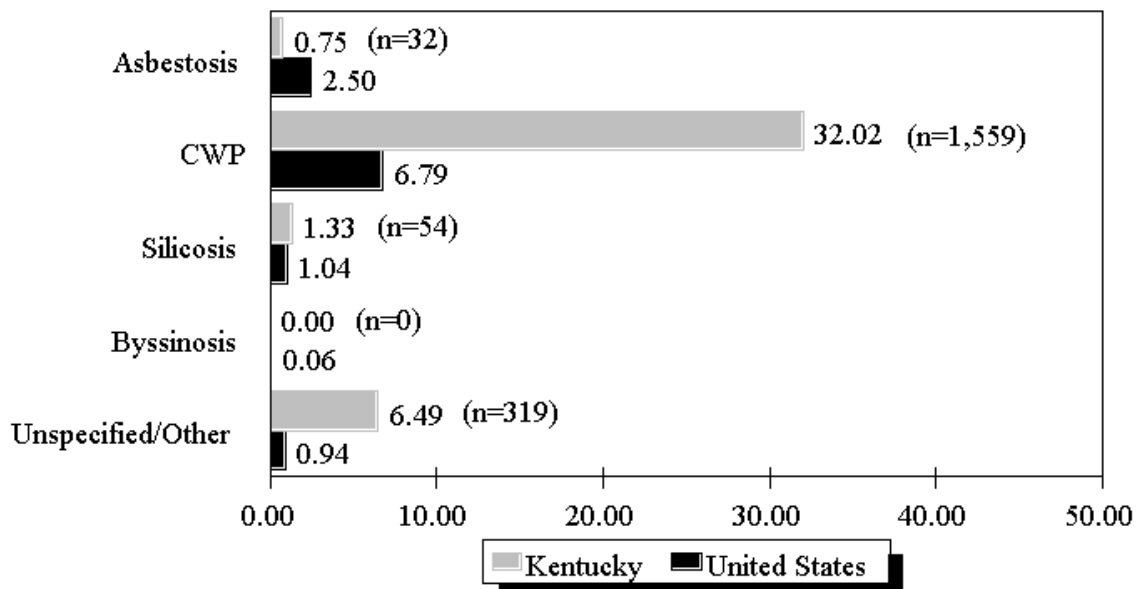
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure KY-3. Pneumoconiosis deaths by condition, Kentucky 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 KY-4. Kentucky 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 KY-3 (page 1 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Kentucky 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	-	-	-	-	2	8.45	-	-	-	-	2	8.45
Barren	-	-	-	-	1	2.70	-	-	-	-	1	2.70
Bell	1	1.57	105	244.67	-	-	-	-	36	85.61	142	331.85
Boone	2	4.12	3	7.60	1	2.53	-	-	1	2.53	7	16.79
Bourbon	-	-	1	5.19	-	-	-	-	-	-	1	5.19
Boyd	1	0.91	6	7.07	-	-	-	-	3	3.53	10	11.51
Boyle	-	-	2	5.54	-	-	-	-	-	-	2	5.54
Breathitt	-	-	8	40.41	-	-	-	-	3	10.93	11	51.34
Breckinridge	-	-	1	5.52	-	-	-	-	1	2.68	2	8.20
Butler	-	-	2	12.51	-	-	-	-	7	51.43	9	63.94
Caldwell	-	-	2	4.78	-	-	-	-	-	-	2	4.78
Campbell	1	1.23	7	7.98	-	-	-	-	-	-	8	9.21
Carter	-	-	4	8.56	2	4.28	-	-	1	4.33	6	15.04
Casey	-	-	2	5.90	-	-	-	-	-	-	2	5.90
Christian	-	-	5	5.69	1	0.90	-	-	2	2.98	8	9.57
Clay	-	-	12	55.56	1	5.54	-	-	4	19.43	17	80.52
Clinton	-	-	1	9.78	-	-	-	-	-	-	1	9.78
Crittenden	-	-	4	26.43	2	19.02	-	-	3	22.73	8	58.67
Daviess	3	3.55	14	12.50	-	-	-	-	1	0.60	18	16.65
Elliott	-	-	2	24.83	-	-	-	-	-	-	2	24.83
Estill	-	-	2	10.04	-	-	-	-	-	-	2	10.04
Fayette	2	0.90	6	2.43	1	0.59	-	-	2	0.90	11	4.83
Fleming	-	-	1	7.63	-	-	-	-	1	7.63	2	15.25
Floyd	-	-	344	673.59	2	4.95	-	-	25	53.43	371	731.97
Franklin	-	-	2	2.65	-	-	-	-	1	1.33	3	3.98
Fulton	-	-	1	9.71	-	-	-	-	-	-	1	9.71
Garrard	-	-	1	3.51	-	-	-	-	-	-	1	3.51
Grant	-	-	3	14.95	-	-	-	-	-	-	3	14.95
Graves	1	0.99	-	-	-	-	-	-	1	0.99	2	1.97
Green	-	-	-	-	1	7.86	-	-	-	-	1	7.86
Greenup	1	1.68	6	12.10	2	3.36	-	-	1	1.68	10	18.83
Hardin	-	-	1	1.70	1	1.76	-	-	1	1.76	3	5.22
Harlan	1	3.89	177	365.53	1	1.40	-	-	53	115.64	232	486.45

See footnotes at end of table.

## Kentucky

**Table KY-3 (page 2 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Kentucky 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
Hart	-	-	-	-	1	5.86	-	-	-	-	1	5.86
Henderson	-	-	9	11.99	-	-	-	-	-	-	9	11.99
Henry	-	-	1	3.55	-	-	-	-	-	-	1	3.55
Hopkins	-	-	32	52.14	-	-	-	-	10	14.92	42	67.06
Jackson	-	-	10	68.90	1	12.67	-	-	-	-	11	81.57
Jefferson	7	0.82	7	0.75	11	1.39	-	-	6	0.53	31	3.49
Jessamine	1	2.68	-	-	-	-	-	-	1	2.68	2	5.35
Johnson	-	-	46	150.02	5	22.79	-	-	3	9.33	54	182.14
Kenton	1	0.81	12	6.92	2	1.38	-	-	-	-	14	8.71
Knott	-	-	51	237.97	-	-	-	-	4	17.72	55	255.69
Knox	-	-	73	200.30	-	-	-	-	17	42.59	90	242.89
Laurel	1	1.36	33	58.34	-	-	-	-	9	14.79	43	74.50
Lawrence	-	-	11	57.94	1	7.39	-	-	-	-	12	65.33
Lee	-	-	4	20.68	1	5.17	-	-	-	-	5	25.85
Leslie	-	-	18	146.56	-	-	-	-	9	64.13	27	210.69
Letcher	-	-	131	418.13	-	-	-	-	15	43.18	146	461.31
Lewis	-	-	3	19.44	1	7.79	-	-	1	7.79	5	35.03
Lincoln	-	-	4	11.86	1	4.86	-	-	1	2.33	6	19.05
Logan	-	-	1	3.82	-	-	-	-	-	-	1	3.82
McCracken	1	0.63	4	2.51	-	-	-	-	1	1.44	6	4.57
McCreary	-	-	13	67.99	-	-	-	-	1	3.94	14	71.93
McLean	-	-	2	13.67	-	-	-	-	-	-	2	13.67
Madison	-	-	8	15.02	1	2.33	-	-	1	1.12	10	18.47
Magoffin	3	30.85	6	48.69	1	11.49	-	-	1	11.49	11	102.52
Martin	-	-	9	91.15	2	17.99	-	-	2	16.84	13	125.98
Meade	-	-	1	7.15	1	7.15	-	-	-	-	2	14.29
Mercer	-	-	1	4.83	-	-	-	-	-	-	1	4.83
Metcalfe	1	9.83	2	9.03	1	9.83	-	-	-	-	4	28.69
Montgomery	-	-	1	2.57	-	-	-	-	-	-	1	2.57
Morgan	-	-	3	17.41	-	-	-	-	1	4.19	4	21.60
Muhlenberg	-	-	85	185.73	1	3.00	-	-	27	52.37	113	241.10
Ohio	-	-	16	45.55	-	-	-	-	4	10.08	20	55.63

See footnotes at end of table.

**Table KY-3 (page 3 of 3). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Kentucky 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
Owen	-	-	1	<b>10.00</b>	-	-	-	-	-	-	1	<b>10.00</b>
Owsley	-	-	1	<b>18.71</b>	-	-	-	-	-	-	1	<b>18.71</b>
Pendleton	1	<b>13.13</b>	1	<b>9.13</b>	-	-	-	-	-	-	2	<b>22.26</b>
Perry	1	<b>3.86</b>	29	<b>96.27</b>	-	-	-	-	7	<b>22.27</b>	36	<b>118.54</b>
Pike	-	-	112	<b>141.46</b>	1	<b>0.93</b>	-	-	29	<b>37.36</b>	142	<b>179.75</b>
Powell	-	-	2	<b>16.01</b>	-	-	-	-	1	<b>5.28</b>	3	<b>21.29</b>
Pulaski	1	<b>0.96</b>	6	<b>9.51</b>	1	<b>1.90</b>	-	-	3	<b>3.81</b>	11	<b>16.17</b>
Rockcastle	-	-	3	<b>17.08</b>	-	-	-	-	-	-	3	<b>17.08</b>
Rowan	-	-	1	<b>3.25</b>	-	-	-	-	-	-	1	<b>3.25</b>
Russell	-	-	-	-	-	-	-	-	2	<b>12.92</b>	2	<b>12.92</b>
Scott	-	-	3	<b>12.88</b>	-	-	-	-	-	-	3	<b>12.88</b>
Shelby	-	-	1	<b>4.32</b>	1	<b>1.93</b>	-	-	-	-	2	<b>6.25</b>
Trimble	-	-	-	-	1	<b>16.64</b>	-	-	-	-	1	<b>16.64</b>
Union	-	-	8	<b>43.47</b>	-	-	-	-	-	-	8	<b>43.47</b>
Warren	-	-	2	<b>2.65</b>	-	-	-	-	2	<b>3.12</b>	4	<b>5.77</b>
Wayne	-	-	3	<b>10.99</b>	-	-	-	-	-	-	3	<b>10.99</b>
Webster	-	-	8	<b>19.20</b>	-	-	-	-	-	-	8	<b>19.20</b>
Whitley	1	<b>3.17</b>	51	<b>104.00</b>	1	<b>3.17</b>	-	-	14	<b>33.76</b>	67	<b>144.10</b>
Wolfe	-	-	4	<b>62.31</b>	-	-	-	-	-	-	4	<b>62.31</b>
Woodford	-	-	1	<b>3.25</b>	-	-	-	-	-	-	1	<b>3.25</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.



Louisiana: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	<u>Value</u>	<u>State rank</u>
Total deaths	123	23
Crude mortality rate (per 1,000,000 population)	7.73	29
Age-adjusted mortality rate (per 1,000,000 population)	5.41	25
Total years of potential life lost to life expectancy	1,751	21
Years of potential life lost to life expectancy (per death)	14.2	4

Deaths by type of pneumoconiosis, 1988-1992

	<u>Deaths*</u>	<u>Percent** distribution</u>
Asbestosis	86	69.9
Coal workers' pneumoconiosis	7	5.7
Silicosis	18	14.6
Byssinosis	1	0.8
Unspecified/Other pneumoconiosis	12	9.8

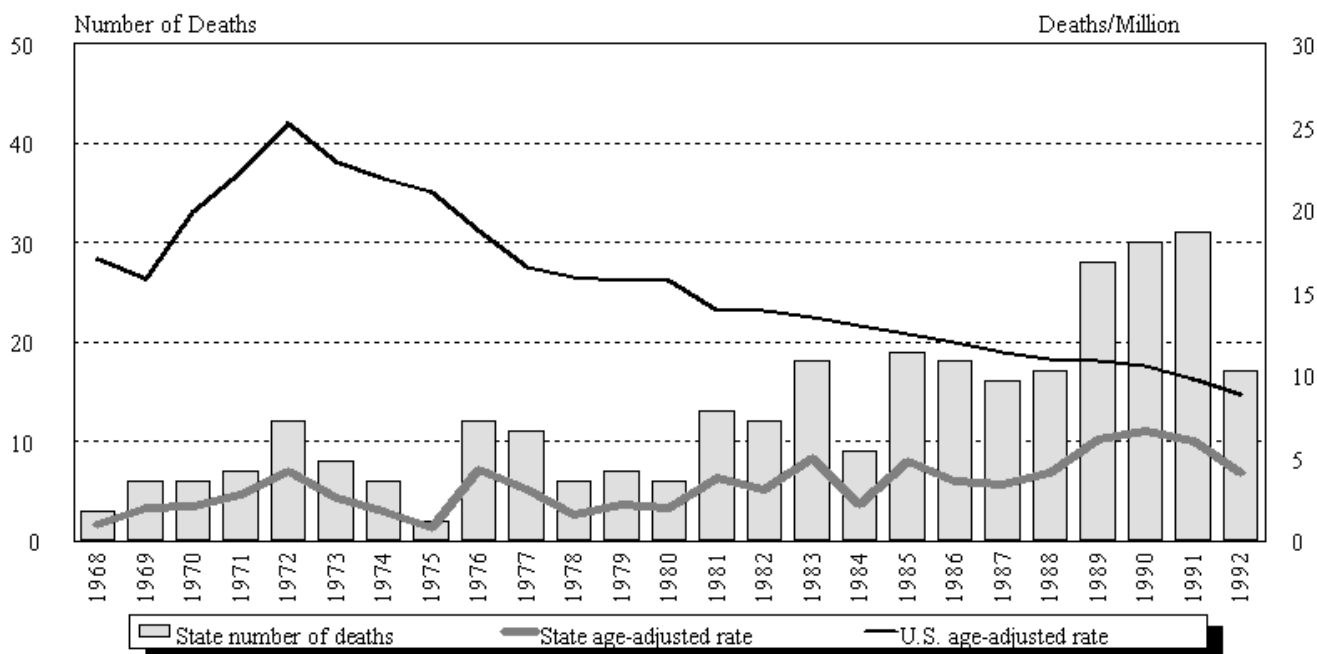
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 LA-1. All pneumoconioses: Louisiana 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.

## Louisiana

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

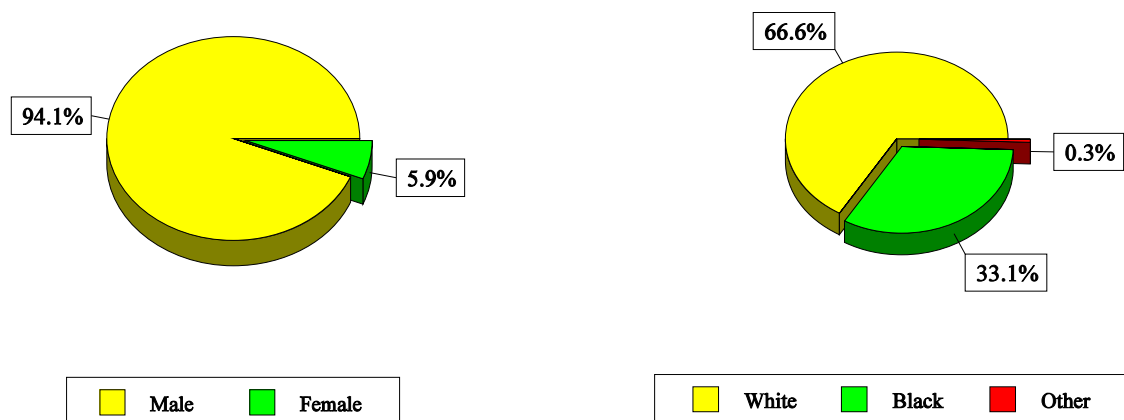
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.27	-	-	1	0.50			1	0.18	3	0.95
1969	1	0.35	1	0.27	1	0.32			3	1.02	6	1.97
1970	-	-	1	0.35	3	0.99			2	0.70	6	2.05
1971	1	0.35	-	-	6	2.47			-	-	7	2.82
1972	2	0.82	-	-	8	2.71			2	0.68	12	4.21
1973	2	0.59	-	-	3	1.12			3	0.83	8	2.54
1974	-	-	-	-	3	1.00			3	0.80	6	1.80
1975	-	-	1	0.33	-	-			1	0.40	2	0.73
1976	3	1.12	1	0.33	3	1.15			5	1.66	12	4.25
1977	1	0.32	1	0.21	4	1.27			5	1.25	11	3.06
1978	2	0.58	-	-	2	0.44			2	0.52	6	1.54
1979	2	0.51	-	-	4	1.39	-	-	1	0.26	7	2.16
1980	3	0.91	-	-	2	0.70	-	-	1	0.40	6	2.02
1981	5	1.28	-	-	6	1.83	1	0.30	2	0.58	13	3.74
1982	9	2.35	-	-	2	0.58	-	-	1	0.18	12	3.11
1983	9	2.15	3	0.74	5	1.66	-	-	1	0.40	18	4.95
1984	4	0.86	2	0.63	2	0.45	-	-	1	0.24	9	2.18
1985	11	2.86	2	0.33	5	1.38	-	-	4	1.09	19	4.80
1986	11	2.46	1	0.16	3	0.61	-	-	4	0.57	18	3.57
1987	7	1.68	2	0.39	5	1.09	-	-	2	0.25	16	3.40
1988	12	2.73	-	-	3	1.00	-	-	2	0.39	17	4.12
1989	20	3.92	3	0.71	2	0.62	-	-	3	0.85	28	6.10
1990	20	4.10	1	0.31	6	1.48	-	-	3	0.70	30	6.59
1991	20	3.94	3	0.32	5	1.15	-	-	4	0.77	31	6.03
1992	14	3.16	-	-	2	0.59	1	0.32	-	-	17	4.07

- 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 LA-2. All pneumoconioses: Distribution of deaths by sex and race, Louisiana 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.

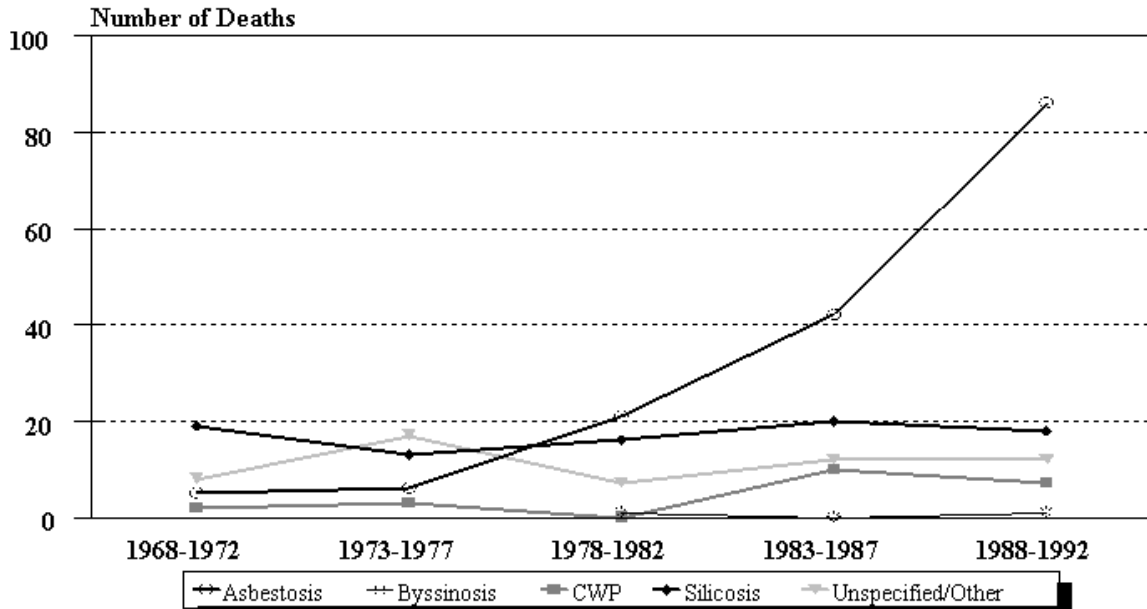
**Table LA-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Louisiana residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		320	100.0	123	100.0
Sex	Male	301	94.1	115	93.5
	Female	19	5.9	8	6.5
Race	White	213	66.6	89	72.4
	Black	106	33.1	33	26.8
	Other	1	0.3	1	0.8
Age	15-24	0	0.0	0	0.0
	25-34	4	1.3	1	0.8
	35-44	13	4.1	2	1.6
	45-54	30	9.4	7	5.7
	55-64	80	25.0	22	17.9
	65-74	103	32.2	43	35.0
	75-84	67	20.9	34	27.6
	85+	23	7.2	14	11.4
	Mean age	66.7		70.6	
Range for age	26-94		26-94		

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.

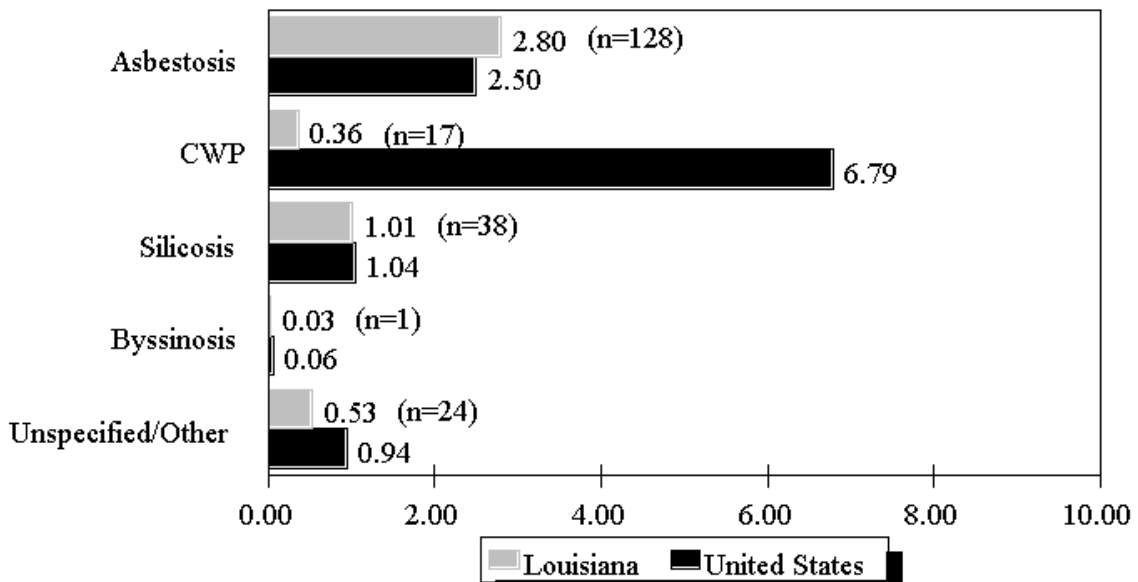
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure LA-3. Pneumoconiosis deaths by condition, Louisiana 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 LA-4. Louisiana 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 LA-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Louisiana 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
Acadia	2	3.86	-	-	-	-	-	-	-	-	2	3.86
Ascension	1	2.55	1	2.52	-	-	-	-	-	-	2	5.07
Beauregard	1	1.99	-	-	-	-	-	-	-	-	1	1.99
Bossier	-	-	2	1.85	-	-	-	-	-	-	2	1.85
Caddo	6	1.76	-	-	-	-	-	-	-	-	6	1.76
Calcasieu	10	6.07	1	0.66	1	0.66	-	-	-	-	12	7.39
Cameron	1	11.67	-	-	-	-	-	-	-	-	1	11.67
Catahoula	-	-	-	-	-	-	-	-	1	4.03	1	4.03
East Baton Rouge	7	2.32	1	0.21	-	-	-	-	1	0.21	9	2.74
East Feliciana	1	6.29	-	-	-	-	-	-	-	-	1	6.29
Grant	-	-	-	-	-	-	1	8.62	-	-	1	8.62
Iberia	3	5.22	-	-	-	-	-	-	-	-	3	5.22
Iberville	1	3.70	-	-	2	7.41	-	-	-	-	3	11.11
Jefferson	34	7.95	-	-	8	2.06	-	-	13	2.96	53	12.54
Jefferson Davis	2	6.52	-	-	-	-	-	-	-	-	2	6.52
Lafayette	3	1.85	-	-	1	0.84	-	-	-	-	4	2.68
Lafourche	1	0.93	1	1.77	1	1.47	-	-	-	-	3	4.17
Lincoln	1	1.34	-	-	-	-	-	-	-	-	1	1.34
Livingston	1	1.97	1	1.33	3	5.28	-	-	-	-	5	8.58
Morehouse	1	1.32	2	6.31	-	-	-	-	-	-	3	7.63
Orleans	21	3.69	1	0.30	6	1.24	-	-	3	0.51	29	5.33
Ouachita	2	0.81	1	0.41	1	0.41	-	-	1	0.82	5	2.44
Plaquemines	-	-	-	-	1	5.85	-	-	-	-	1	5.85
Rapides	2	0.83	-	-	-	-	-	-	1	0.42	3	1.25
Red River	1	4.13	-	-	-	-	-	-	-	-	1	4.13
Richland	2	3.56	-	-	-	-	-	-	1	4.45	3	8.01
Sabine	-	-	-	-	-	-	-	-	1	3.54	1	3.54
St Bernard	6	7.98	2	2.66	1	1.52	-	-	-	-	9	12.16
St Charles	2	6.66	-	-	-	-	-	-	1	3.33	2	6.66
St John the Baptist	-	-	-	-	1	4.18	-	-	-	-	1	4.18

See footnotes at end of table.

## Louisiana

**Table LA-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Louisiana 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
St Landry	2	3.85	-	-	-	-	-	-	-	-	2	3.85
St Mary	1	1.22	-	-	3	5.51	-	-	-	-	4	6.73
St Tammany	4	3.31	1	0.61	4	3.02	-	-	-	-	9	6.94
Tangipahoa	-	-	-	-	1	1.56	-	-	-	-	1	1.56
Terrebonne	2	2.82	-	-	1	1.41	-	-	-	-	3	4.23
Vernon	2	6.44	1	3.22	-	-	-	-	-	-	3	9.66
Washington	2	4.27	1	1.09	2	4.27	-	-	1	1.09	6	10.73
West Baton Rouge	1	6.46	-	-	1	7.48	-	-	-	-	2	13.94
West Carroll	1	3.27	1	3.27	-	-	-	-	-	-	2	6.53
West Feliciana	1	7.44	-	-	-	-	-	-	-	-	1	7.44

- indicates no deaths listed.

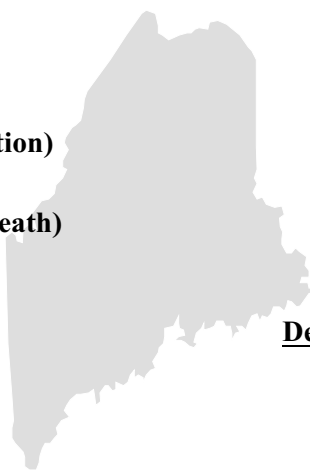
NOTE: Counties with no deaths for all listed conditions are not displayed. Rates based on small numbers may be unstable. Sum of individual conditions may exceed total because of deaths with multiple pneumoconioses. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.

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

Maine: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992

	<u>Value</u>	<u>State rank</u>
Total deaths	63	36
Crude mortality rate (per 1,000,000 population)	13.00	13
Age-adjusted mortality rate (per 1,000,000 population)	7.11	15
Total years of potential life lost to life expectancy	725	34
Years of potential life lost to life expectancy (per death)	11.5	34



Deaths by type of pneumoconiosis, 1988-1992

	<u>Deaths*</u>	<u>Percent**</u> <u>distribution</u>
Asbestosis	53	84.1
Coal workers' pneumoconiosis	1	1.6
Silicosis	5	7.9
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	4	6.3

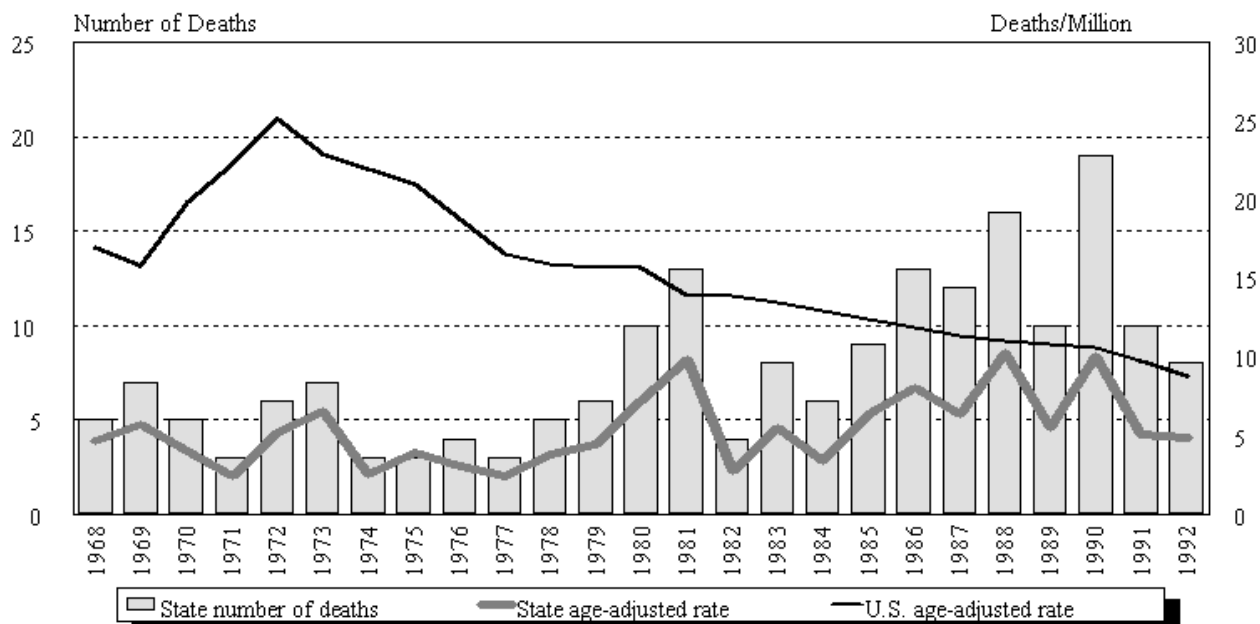
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 ME-1. All pneumoconioses: Maine 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.

## Maine

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

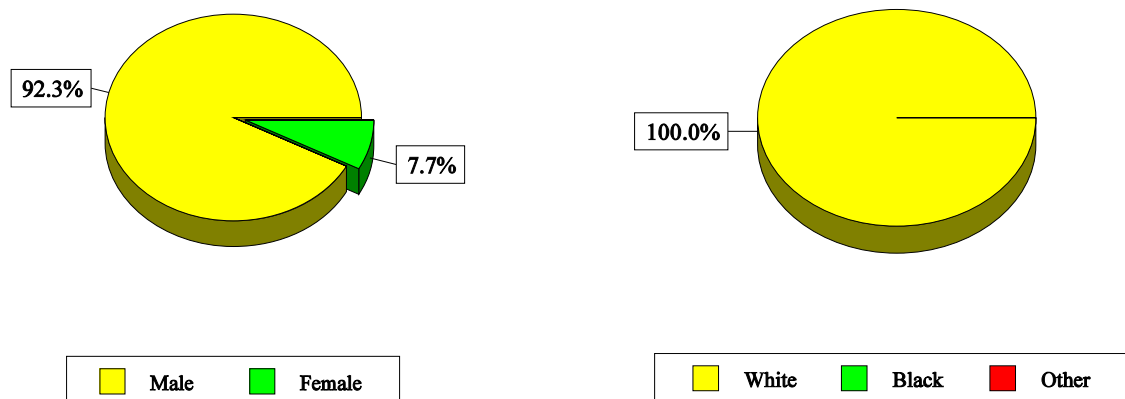
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	2	2.36			3	2.27	5	4.63
1969	1	0.94	-	-	4	3.04			2	1.76	7	5.74
1970	1	1.13	-	-	3	2.27			2	1.57	5	4.03
1971	1	0.62	-	-	2	1.84			-	-	3	2.46
1972	-	-	-	-	2	1.22			4	4.00	6	5.22
1973	1	1.10	1	0.60	3	2.38			2	2.48	7	6.55
1974	1	1.09	-	-	2	1.46			-	-	3	2.54
1975	1	1.37	-	-	1	0.85			1	1.70	3	3.93
1976	2	1.68	-	-	1	0.56			1	0.84	4	3.08
1977	-	-	-	-	2	1.37			1	1.03	3	2.40
1978	1	1.37	-	-	2	1.35			2	1.10	5	3.82
1979	3	2.32	-	-	1	0.80	-	-	2	1.32	6	4.44
1980	6	4.64	-	-	3	1.81	-	-	1	0.78	10	7.24
1981	11	8.59	-	-	1	0.78	-	-	1	0.51	13	9.88
1982	3	1.79	-	-	1	0.98	-	-	-	-	4	2.78
1983	8	5.53	-	-	-	-	-	-	-	-	8	5.53
1984	3	2.21	-	-	1	0.49	-	-	2	0.72	6	3.42
1985	7	5.42	1	0.48	1	0.48	-	-	-	-	9	6.38
1986	11	7.32	-	-	1	0.47	-	-	1	0.23	13	8.02
1987	9	4.69	-	-	3	1.66	-	-	-	-	12	6.35
1988	12	7.68	-	-	1	0.98	-	-	3	1.62	16	10.28
1989	8	4.05	1	0.71	-	-	-	-	1	0.71	10	5.47
1990	17	8.90	-	-	2	1.13	-	-	-	-	19	10.04
1991	8	4.51	-	-	2	0.62	-	-	-	-	10	5.13
1992	8	4.85	-	-	-	-	-	-	-	-	8	4.85

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



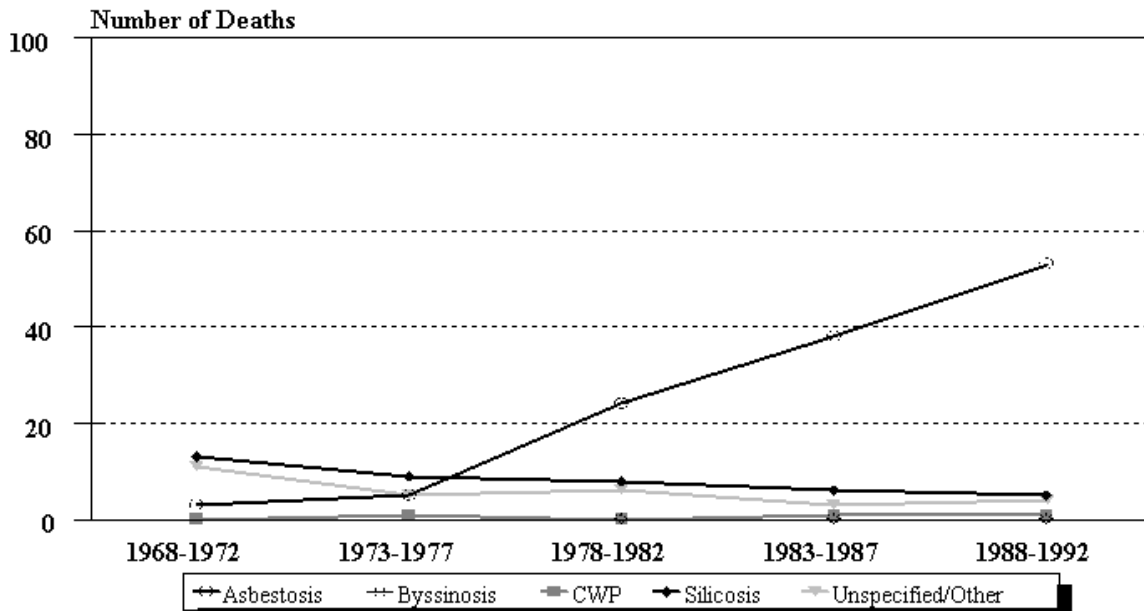
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		195	100.0	63	100.0
Sex	Male	180	92.3	60	95.2
	Female	15	7.7	3	4.8
Race	White	195	100.0	63	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	1	0.5	0	0.0
	45-54	7	3.6	1	1.6
	55-64	29	14.9	8	12.7
	65-74	68	34.9	18	28.6
	75-84	74	37.9	28	44.4
	85+	16	8.2	8	12.7
Mean age		72.4		74.5	
Range for age		37-97		45-97	

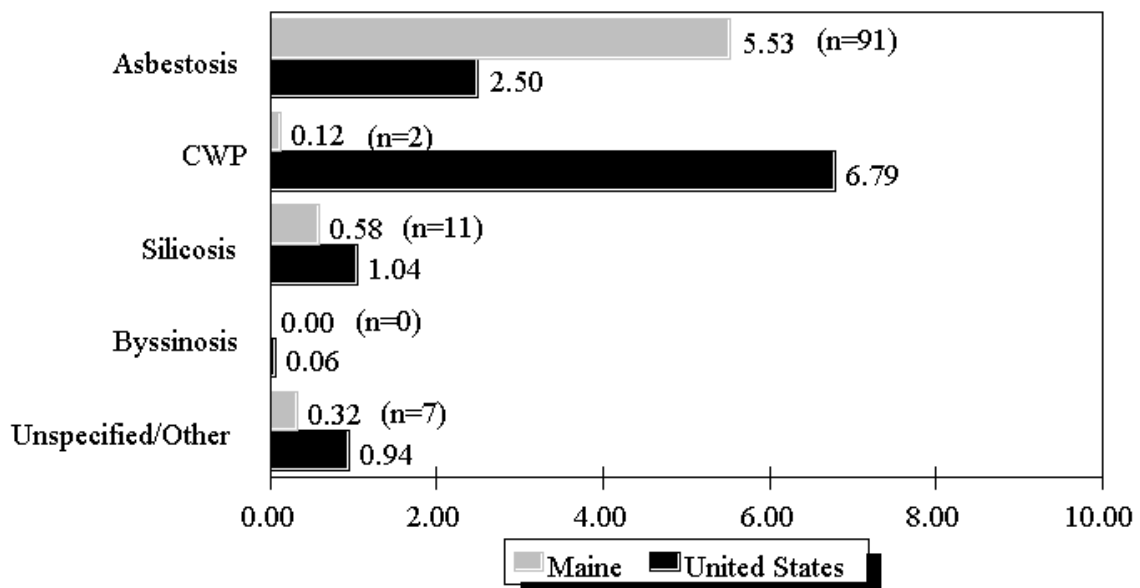
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure ME-3. Pneumoconiosis deaths by condition, Maine 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 ME-4. Maine 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 ME-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Maine 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
Androscoggin	5	2.80	-	-	2	2.04	-	-	1	0.44	8	5.28
Cumberland	27	7.71	-	-	-	-	-	-	1	0.20	28	7.91
Franklin	1	1.74	-	-	1	1.74	-	-	-	-	2	3.47
Hancock	3	3.80	-	-	2	2.94	-	-	2	1.71	7	8.46
Kennebec	10	8.13	-	-	-	-	-	-	-	-	10	8.13
Knox	5	8.04	-	-	-	-	-	-	-	-	5	8.04
Lincoln	5	13.19	1	2.99	-	-	-	-	2	4.29	8	20.48
Oxford	1	0.82	-	-	-	-	-	-	-	-	1	0.82
Penobscot	3	1.95	-	-	1	0.39	-	-	-	-	4	2.34
Piscataquis	1	2.14	1	2.14	4	8.58	-	-	-	-	6	12.86
Sagadahoc	22	62.55	-	-	-	-	-	-	1	3.78	23	66.33
Somerset	1	2.12	-	-	-	-	-	-	-	-	1	2.12
Washington	1	1.11	-	-	-	-	-	-	-	-	1	1.11
York	6	3.67	-	-	1	0.32	-	-	-	-	7	3.99

- 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.





Maryland: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	206	18
Crude mortality rate (per 1,000,000 population)	10.84	20
Age-adjusted mortality rate (per 1,000,000 population)	7.65	13
Total years of potential life lost to life expectancy	2,642	17
Years of potential life lost to life expectancy (per death)	12.8	10

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	136	66.0
Coal workers' pneumoconiosis	41	19.9
Silicosis	10	4.9
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	19	9.2

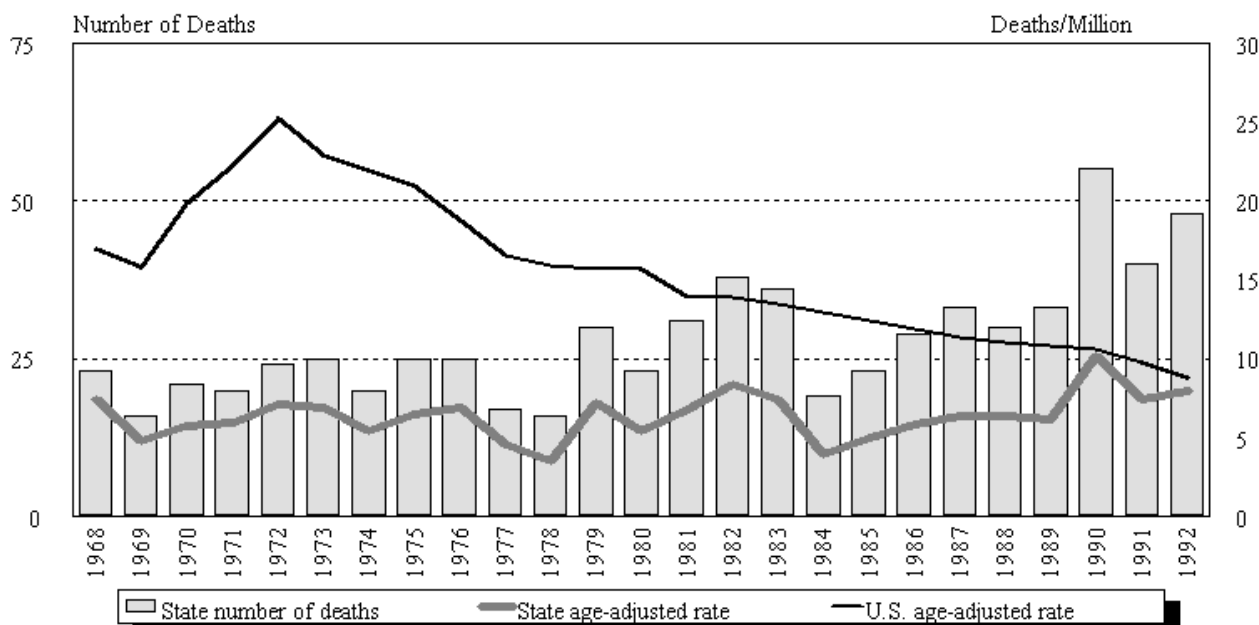
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MD-1. All pneumoconioses: Maryland 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.

## Maryland

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

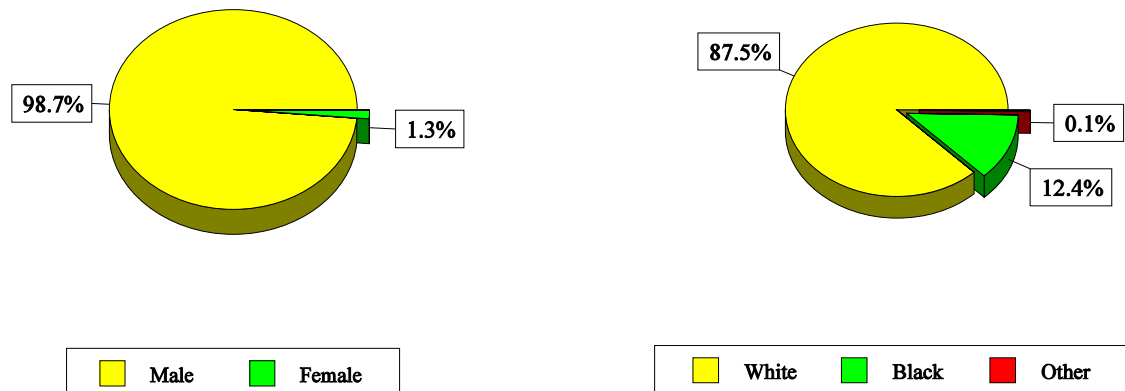
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	4	1.27	14	4.45			5	1.68	23	7.40
1969	1	0.34	5	1.46	9	2.66			3	0.92	16	4.79
1970	-	-	6	1.51	13	3.69			4	0.90	21	5.72
1971	2	0.64	5	1.63	7	2.03			7	1.97	20	5.95
1972	-	-	12	3.48	6	1.89			6	1.75	24	7.12
1973	4	1.18	6	1.64	8	2.24			7	1.81	25	6.87
1974	1	0.30	6	1.59	7	1.85			7	1.88	20	5.39
1975	-	-	8	2.08	7	2.02			11	2.58	25	6.45
1976	5	1.28	3	0.79	6	1.73			13	3.59	25	6.89
1977	4	1.23	4	0.97	6	1.58			4	0.96	17	4.61
1978	2	0.48	6	1.21	4	0.79			4	1.03	16	3.52
1979	8	1.94	9	2.06	8	2.03	1	0.12	7	1.80	30	7.22
1980	2	0.52	8	1.87	6	1.50	-	-	7	1.49	23	5.39
1981	7	1.61	13	2.74	6	1.48	-	-	6	1.27	31	6.84
1982	11	2.50	19	3.97	3	0.86	-	-	5	1.01	38	8.34
1983	12	2.57	19	3.63	4	0.80	-	-	3	0.79	36	7.42
1984	9	1.96	3	0.60	2	0.36	-	-	5	1.00	19	3.92
1985	13	2.80	5	1.08	3	0.67	-	-	2	0.41	23	4.96
1986	16	3.40	8	1.43	2	0.39	1	0.23	2	0.43	29	5.88
1987	18	3.80	8	1.28	2	0.36	-	-	5	0.97	33	6.41
1988	16	3.59	6	1.22	2	0.54	-	-	6	1.04	30	6.38
1989	24	4.54	5	1.05	-	-	-	-	4	0.59	33	6.17
1990	36	7.14	12	2.05	3	0.43	-	-	4	0.59	55	10.22
1991	27	5.19	5	0.71	4	0.70	-	-	4	0.86	40	7.45
1992	33	5.97	13	1.82	1	0.14	-	-	1	0.07	48	8.00

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



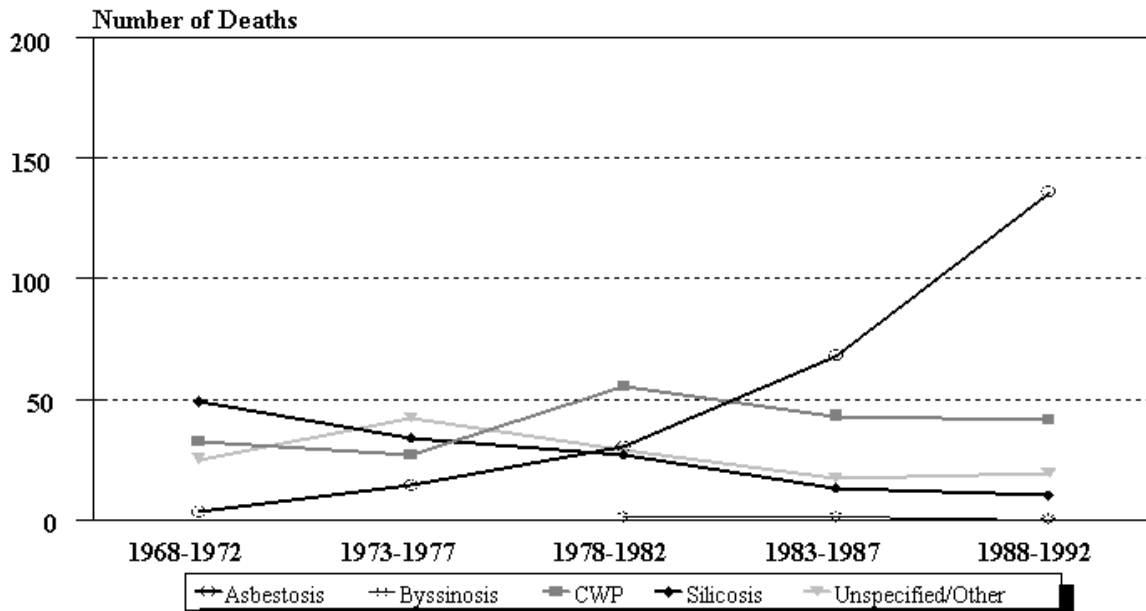
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		700	100.0	206	100.0
Sex	Male	691	98.7	205	99.5
	Female	9	1.3	1	0.5
Race	White	612	87.5	168	81.6
	Black	87	12.4	37	18.0
	Other	1	0.1	1	0.5
Age	15-24	0	0.0	0	0.0
	25-34	1	0.1	1	0.5
	35-44	4	0.6	0	0.0
	45-54	26	3.7	6	2.9
	55-64	122	17.4	29	14.1
	65-74	262	37.4	80	38.8
	75-84	216	30.9	70	34.0
	85+	69	9.9	20	9.7
Mean age		72.0		73.2	
Range for age		32-102		32-102	

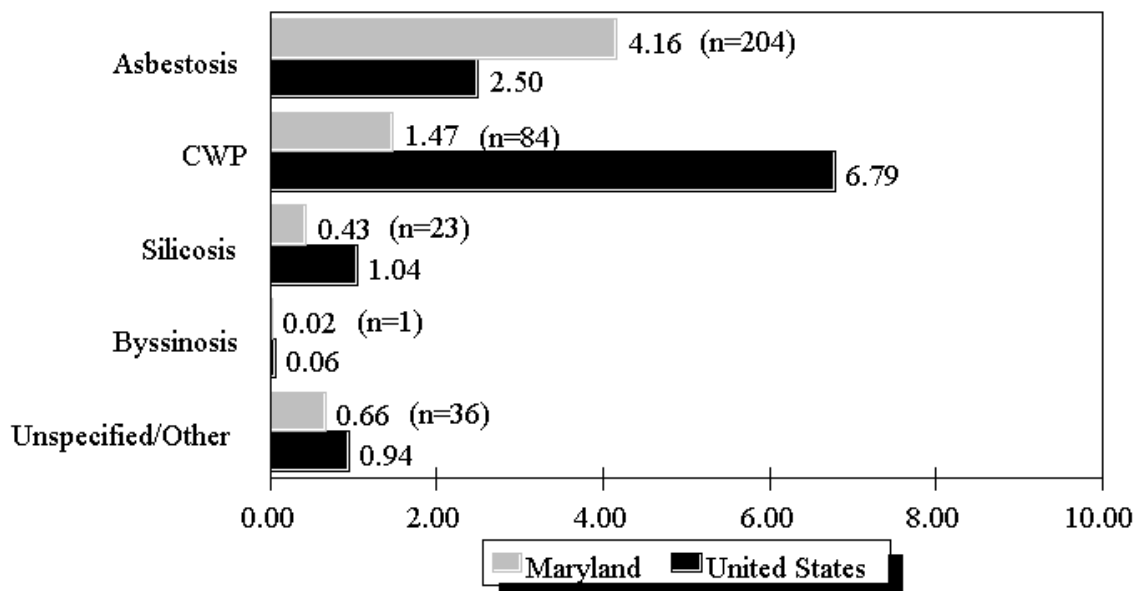
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MD-3. Pneumoconiosis deaths by condition, Maryland 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 MD-4. Maryland 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 MD-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Maryland 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
Allegany	14	10.10	10	5.92	3	3.14	-	-	5	2.96	32	22.11
Anne Arundel	20	5.44	4	1.04	4	1.12	-	-	2	0.52	30	8.13
Baltimore	63	7.67	8	0.80	2	0.21	1	0.14	4	0.37	78	9.20
Calvert	1	2.65	-	-	-	-	-	-	2	4.47	3	7.12
Carroll	3	2.70	5	3.80	1	0.55	-	-	-	-	9	7.04
Cecil	2	2.72	4	4.86	-	-	-	-	-	-	6	7.58
Charles	1	1.74	1	1.27	-	-	-	-	-	-	2	3.00
Dorchester	1	1.28	-	-	-	-	-	-	-	-	1	1.28
Frederick	2	1.44	4	2.87	2	1.44	-	-	2	1.44	10	7.18
Garrett	1	1.76	10	26.86	-	-	-	-	4	8.88	15	37.50
Harford	6	4.04	4	2.49	1	0.57	-	-	1	0.77	12	7.88
Howard	4	3.17	2	1.71	1	0.73	-	-	1	0.73	7	5.61
Kent	1	2.34	1	4.60	-	-	-	-	-	-	2	6.94
Montgomery	8	1.18	11	1.33	1	0.10	-	-	2	0.19	21	2.70
Prince Georges	4	0.84	11	2.06	1	0.16	-	-	3	0.56	19	3.62
Queen Annes	1	1.83	-	-	-	-	-	-	-	-	1	1.83
St. Marys	1	1.25	-	-	-	-	-	-	-	-	1	1.25
Somerset	1	1.93	-	-	-	-	-	-	-	-	1	1.93
Talbot	2	3.66	-	-	-	-	-	-	-	-	2	3.66
Washington	1	0.41	2	1.23	-	-	-	-	1	0.41	4	2.05
Wicomico	3	3.60	1	0.72	-	-	-	-	1	1.91	5	6.23
Worcester	2	4.46	-	-	-	-	-	-	-	-	2	4.46
<b>Independent city:</b>												
Baltimore	62	6.94	6	0.46	7	0.67	-	-	8	0.87	83	8.94

- 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.



Massachusetts: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	223	17
Crude mortality rate (per 1,000,000 population)	9.16	26
Age-adjusted mortality rate (per 1,000,000 population)	4.94	27
Total years of potential life lost to life expectancy	2,514	18
Years of potential life lost to life expectancy (per death)	11.3	39

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	184	82.5
Coal workers' pneumoconiosis	9	4.0
Silicosis	17	7.6
Byssinosis	2	0.9
Unspecified/Other pneumoconiosis	12	5.4

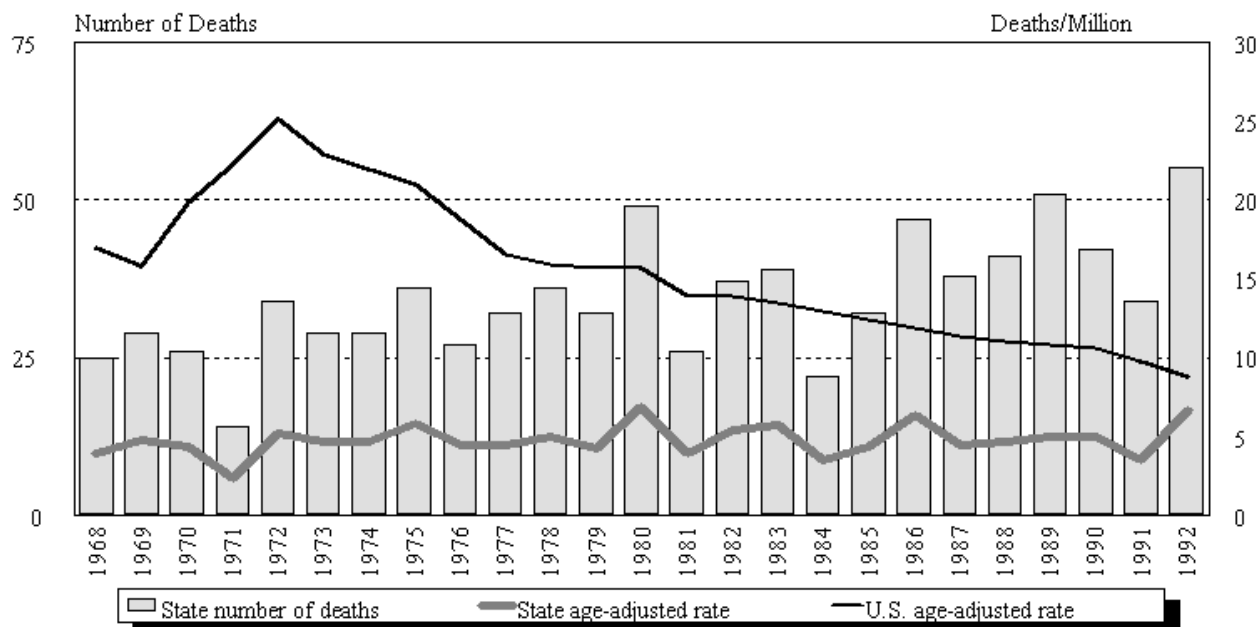
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MA-1. All pneumoconioses: Massachusetts 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.

## Massachusetts

**Table MA-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Massachusetts 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	4	0.61	1	0.11	14	2.17			7	1.15	25	3.87
1969	6	1.19	1	0.11	14	1.86			11	2.15	29	4.81
1970	4	0.80	4	0.74	10	1.37			8	1.39	26	4.31
1971	3	0.50	-	-	2	0.36			9	1.44	14	2.30
1972	16	2.72	8	1.16	4	0.44			6	0.89	34	5.20
1973	11	1.94	4	0.68	11	1.48			4	0.62	29	4.61
1974	8	1.52	1	0.06	9	1.35			11	1.75	29	4.68
1975	14	2.43	2	0.35	13	1.85			8	1.25	36	5.78
1976	10	1.65	-	-	9	1.44			8	1.37	27	4.47
1977	13	1.92	1	0.10	11	1.43			7	1.01	32	4.46
1978	15	2.29	4	0.42	9	1.06			9	1.36	36	5.02
1979	21	2.96	2	0.26	8	0.92	-	-	2	0.28	32	4.27
1980	33	4.56	3	0.52	8	1.17	1	0.05	6	0.87	49	6.84
1981	14	2.07	1	0.15	5	0.96	-	-	6	0.79	26	3.97
1982	26	4.08	2	0.25	4	0.53	1	0.05	4	0.48	37	5.39
1983	29	4.63	-	-	2	0.25	2	0.09	6	0.76	39	5.73
1984	16	2.54	-	-	2	0.24	-	-	4	0.67	22	3.45
1985	24	3.20	-	-	3	0.57	1	0.09	4	0.47	32	4.34
1986	37	5.13	1	0.15	5	0.46	-	-	4	0.62	47	6.36
1987	31	3.47	-	-	5	0.66	-	-	2	0.34	38	4.47
1988	30	3.25	2	0.24	5	0.72	-	-	4	0.41	41	4.62
1989	43	4.27	1	0.04	4	0.37	-	-	3	0.27	51	4.95
1990	36	4.41	2	0.18	4	0.41	1	0.14	-	-	42	5.00
1991	27	2.78	2	0.17	3	0.21	-	-	2	0.28	34	3.44
1992	48	5.57	2	0.39	1	0.04	1	0.14	3	0.53	55	6.66

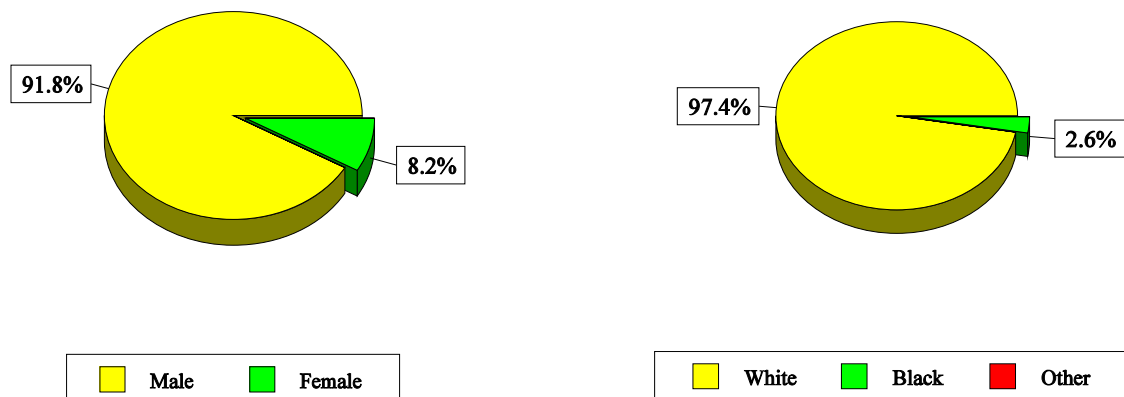
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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



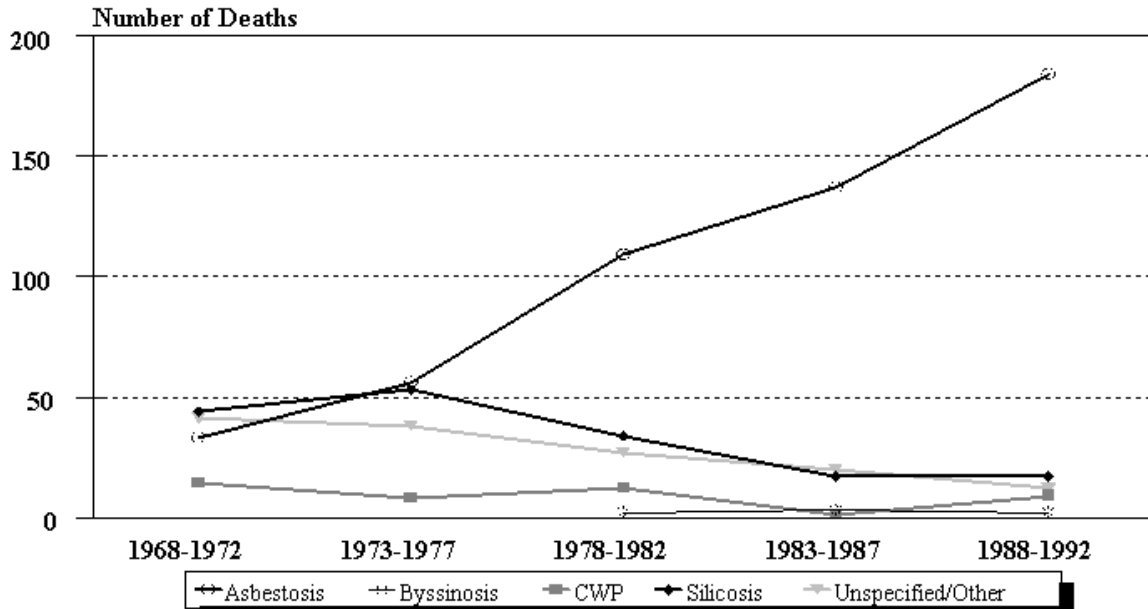
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		862	100.0	223	100.0
Sex	Male	791	91.8	202	90.6
	Female	71	8.2	21	9.4
Race	White	840	97.4	216	96.9
	Black	22	2.6	7	3.1
	Other	0	0.0	0	0.0
Age	15-24	1	0.1	0	0.0
	25-34	1	0.1	0	0.0
	35-44	6	0.7	0	0.0
	45-54	30	3.5	4	1.8
	55-64	173	20.1	18	8.1
	65-74	303	35.2	78	35.0
	75-84	269	31.2	85	38.1
	85+	79	9.2	38	17.0
Mean age		71.4		75.7	
Range for age		16-96		47-96	

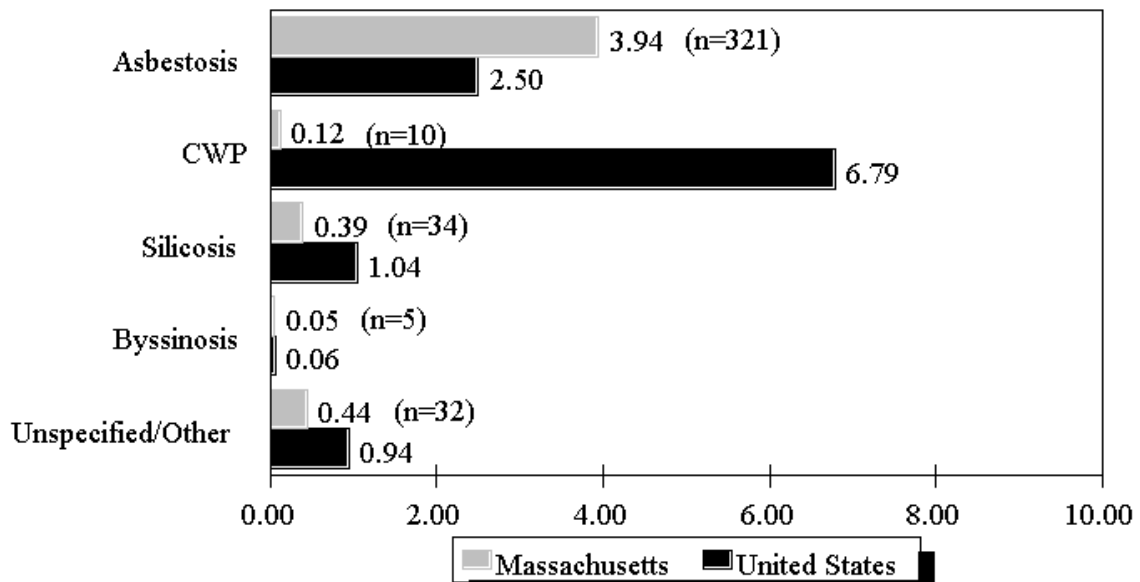
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MA-3. Pneumoconiosis deaths by condition, Massachusetts 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 MA-4. Massachusetts 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 MA-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Massachusetts 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
Barnstable	17	5.22	-	-	1	0.41	1	0.16	1	0.41	20	6.20
Berkshire	3	0.79	1	0.26	2	0.53	-	-	-	-	6	1.58
Bristol	17	2.48	1	0.20	3	0.27	1	0.09	1	0.20	23	3.24
Essex	30	3.24	-	-	2	0.13	-	-	11	1.56	43	4.93
Franklin	-	-	-	-	1	0.64	-	-	-	-	1	0.64
Hampden	15	2.50	2	0.43	3	0.52	-	-	1	0.10	21	3.56
Hampshire	1	0.40	2	1.24	1	0.40	-	-	-	-	4	2.04
Middlesex	75	4.31	2	0.11	1	0.08	2	0.15	9	0.47	89	5.12
Norfolk	68	7.95	-	-	4	0.46	-	-	1	0.16	73	8.58
Plymouth	33	6.91	-	-	-	-	-	-	1	0.27	34	7.18
Suffolk	34	4.22	1	0.07	2	0.35	1	0.07	2	0.15	40	4.87
Worcester	28	3.63	1	0.15	14	1.41	-	-	5	0.73	47	5.78

- 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.



Michigan: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	245	14
Crude mortality rate (per 1,000,000 population)	6.78	31
Age-adjusted mortality rate (per 1,000,000 population)	4.12	33
Total years of potential life lost to life expectancy	3,029	15
Years of potential life lost to life expectancy (per death)	12.4	19

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	66	26.9
Coal workers' pneumoconiosis	80	32.7
Silicosis	64	26.1
Byssinosis	1	0.4
Unspecified/Other pneumoconiosis	35	14.3

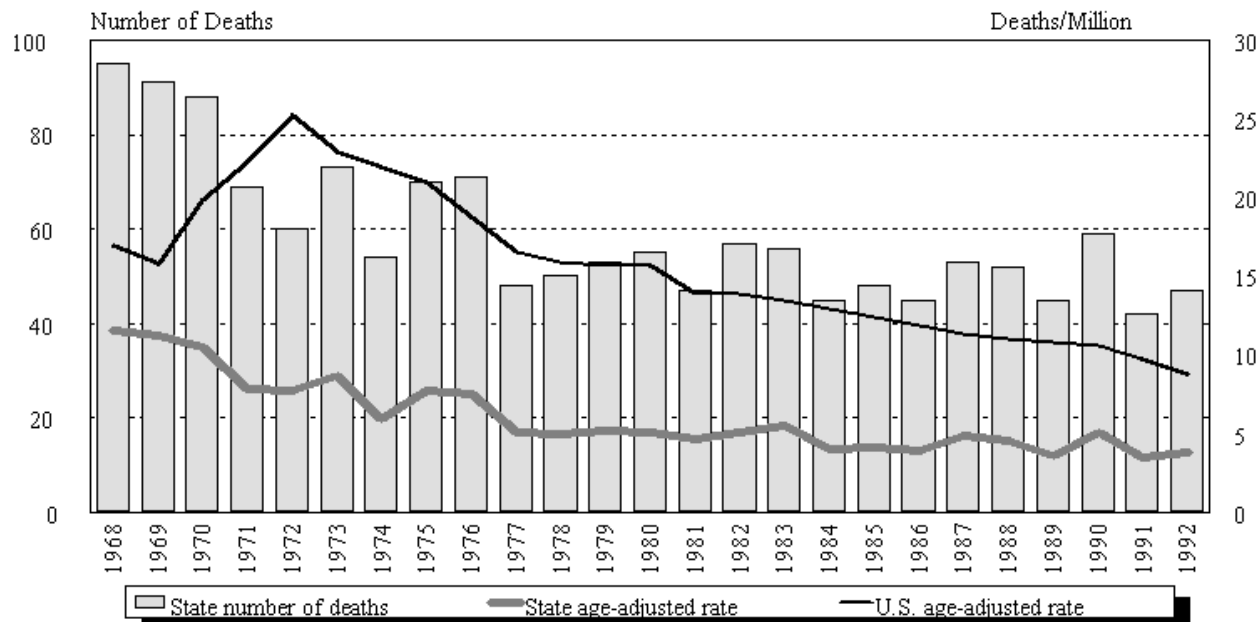
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MI-1. All pneumoconioses: Michigan 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.

## Michigan

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

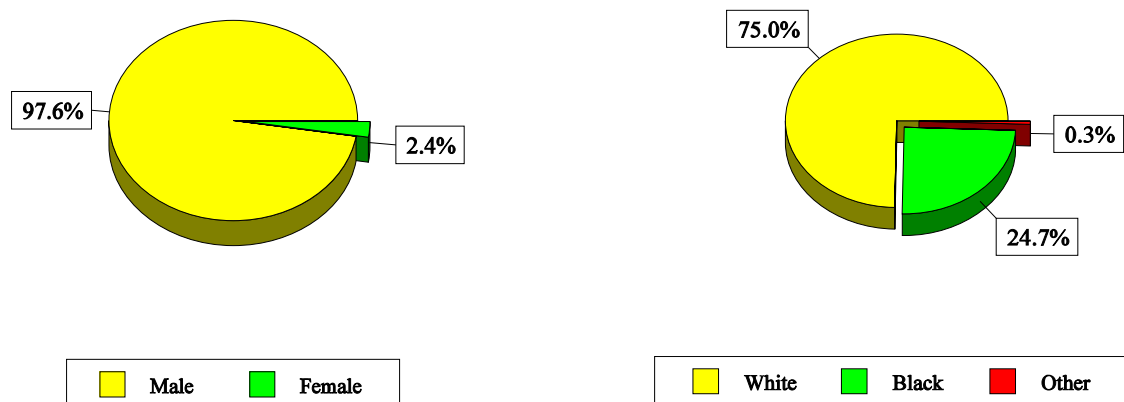
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.14	7	0.87	55	6.65			32	3.87	95	11.53
1969	-	-	9	1.13	52	6.42			32	3.96	91	11.27
1970	2	0.28	17	2.11	43	5.30			26	2.85	88	10.54
1971	1	0.15	16	1.64	34	4.23			23	2.48	69	7.89
1972	-	-	12	1.67	32	4.18			18	2.15	60	7.73
1973	2	0.27	10	1.14	38	4.47			23	2.84	73	8.72
1974	-	-	9	0.99	25	2.64			23	2.71	54	5.94
1975	2	0.27	12	1.36	35	3.69			22	2.47	70	7.72
1976	3	0.42	22	2.28	24	2.62			24	2.44	71	7.54
1977	4	0.50	11	1.28	20	2.05			13	1.26	48	5.09
1978	4	0.54	10	1.14	20	1.95			16	1.38	50	5.01
1979	3	0.36	12	1.15	19	1.86	-	-	19	1.78	53	5.16
1980	4	0.47	15	1.34	23	2.06	-	-	14	1.25	55	5.07
1981	4	0.49	19	1.99	15	1.41	-	-	11	1.00	47	4.66
1982	5	0.61	23	1.86	21	1.77	-	-	9	0.92	57	5.11
1983	8	0.93	24	2.12	17	1.60	-	-	8	0.86	56	5.47
1984	3	0.32	14	1.09	12	1.15	-	-	16	1.43	45	3.99
1985	6	0.57	17	1.46	15	1.20	-	-	10	0.94	48	4.17
1986	6	0.62	16	1.35	14	1.17	-	-	9	0.76	45	3.90
1987	11	1.29	21	1.83	16	1.23	-	-	5	0.51	53	4.86
1988	7	0.74	20	1.62	15	1.21	-	-	10	0.96	52	4.52
1989	11	1.21	14	1.02	14	1.09	-	-	7	0.44	45	3.66
1990	17	1.80	21	1.37	12	1.16	1	0.03	8	0.77	59	5.14
1991	15	1.44	15	1.13	9	0.68	-	-	3	0.30	42	3.55
1992	16	1.40	10	0.74	14	1.04	-	-	7	0.62	47	3.80

- 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 MI-2. All pneumoconioses: Distribution of deaths by sex and race, Michigan 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.

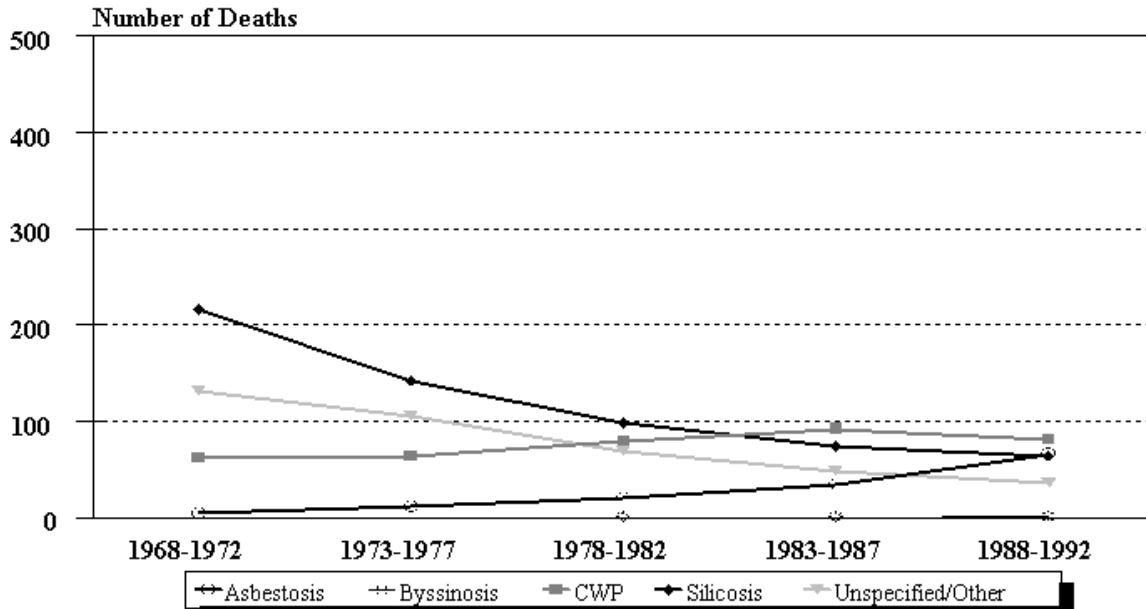
**Table MI-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Michigan residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		1,473	100.0	245	100.0
Sex	Male	1,437	97.6	234	95.5
	Female	36	2.4	11	4.5
Race	White	1,104	75.0	179	73.1
	Black	364	24.7	63	25.7
	Other	5	0.3	3	1.2
Age	15-24	1	0.1	0	0.0
	25-34	7	0.5	1	0.4
	35-44	16	1.1	6	2.4
	45-54	47	3.2	1	0.4
	55-64	204	13.8	26	10.6
	65-74	508	34.5	89	36.3
	75-84	509	34.6	93	38.0
	85+	181	12.3	29	11.8
Mean age		72.8		73.7	
Range for age		17-102		33-102	

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.

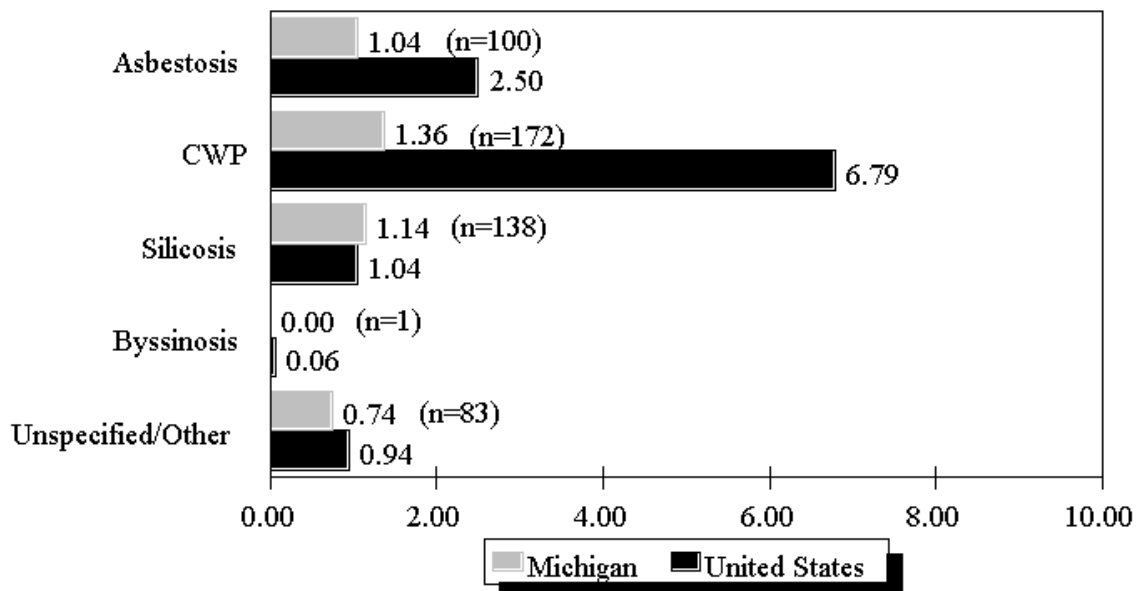
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MI-3. Pneumoconiosis deaths by condition, Michigan 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 MI-4. Michigan 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 MI-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Michigan 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
Alcona	-	-	-	-	-	-	-	-	1	20.66	1	20.66
Allegan	-	-	-	-	1	0.65	-	-	-	-	1	0.65
Alpena	-	-	-	-	-	-	-	-	1	3.01	1	3.01
Arenac	1	5.53	-	-	-	-	-	-	-	-	1	5.53
Baraga	1	11.00	-	-	-	-	-	-	-	-	1	11.00
Bay	6	4.58	-	-	-	-	-	-	-	-	6	4.58
Berrien	-	-	2	0.62	4	1.55	-	-	4	1.86	10	4.03
Branch	1	2.48	-	-	-	-	-	-	1	1.23	2	3.71
Calhoun	2	1.47	2	0.74	1	0.73	-	-	-	-	5	2.94
Charlevoix	-	-	1	2.29	-	-	-	-	-	-	1	2.29
Clare	2	6.17	1	1.75	-	-	-	-	-	-	3	7.92
Clinton	1	1.30	3	4.89	-	-	-	-	-	-	4	6.19
Crawford	-	-	1	4.18	-	-	-	-	-	-	1	4.18
Delta	1	2.46	-	-	-	-	-	-	-	-	1	2.46
Dickinson	-	-	-	-	1	1.24	-	-	-	-	1	1.24
Eaton	2	2.81	2	1.48	-	-	-	-	-	-	4	4.29
Emmet	1	4.23	2	6.05	1	4.23	-	-	-	-	3	10.28
Genesee	2	0.60	6	1.41	1	0.16	-	-	3	0.82	12	2.98
Gladwin	-	-	-	-	1	2.09	-	-	-	-	1	2.09
Grand Traver	-	-	-	-	1	0.85	-	-	-	-	1	0.85
Gratiot	1	2.78	-	-	-	-	-	-	-	-	1	2.78
Hillsdale	1	1.12	-	-	1	2.43	-	-	-	-	2	3.55
Houghton	-	-	1	0.93	-	-	-	-	-	-	1	0.93
Huron	2	4.66	-	-	1	1.04	-	-	1	1.04	4	6.74
Ingram	5	2.44	2	0.81	2	0.54	-	-	-	-	9	3.79
Iosco	1	2.96	-	-	-	-	-	-	-	-	1	2.96
Isabella	1	1.55	-	-	-	-	-	-	-	-	1	1.55
Jackson	2	1.68	-	-	2	1.10	-	-	1	0.37	5	3.15
Kalamazoo	3	1.42	-	-	3	1.13	-	-	-	-	6	2.55
Kent	2	0.24	-	-	4	0.75	-	-	1	0.26	7	1.25
Lapeer	-	-	-	-	1	1.13	-	-	-	-	1	1.13
Lenawee	2	1.84	2	2.44	1	0.62	-	-	-	-	5	4.91

See footnotes at end of table.

## Michigan

**Table MI-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Michigan 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
Livingston	2	2.55	-	-	-	-	-	-	1	1.28	3	3.83
Mackinac	1	14.27	-	-	-	-	-	-	-	-	1	14.27
Macomb	4	0.58	21	2.32	6	0.65	-	-	5	0.56	36	4.11
Manistee	-	-	-	-	-	-	-	-	1	1.66	1	1.66
Marquette	2	3.60	-	-	1	1.80	-	-	-	-	3	5.40
Mason	3	12.51	-	-	-	-	-	-	1	3.37	4	15.88
Mecosta	-	-	-	-	1	1.72	-	-	-	-	1	1.72
Menominee	1	3.54	1	1.48	1	3.54	-	-	1	3.54	4	12.09
Midland	7	10.86	1	1.65	-	-	-	-	-	-	8	12.51
Missaukee	-	-	1	4.18	-	-	-	-	-	-	1	4.18
Monroe	5	3.72	9	5.89	2	1.01	-	-	-	-	16	10.62
Muskegon	1	0.66	7	3.01	35	16.28	-	-	6	3.31	48	22.92
Newaygo	-	-	1	1.35	1	1.35	-	-	-	-	2	2.70
Oakland	4	0.33	14	0.99	7	0.52	1	0.06	6	0.55	32	2.45
Oceana	-	-	-	-	1	4.39	-	-	1	2.31	2	6.69
Ogemaw	-	-	1	2.32	-	-	-	-	-	-	1	2.32
Osceola	-	-	1	2.54	-	-	-	-	-	-	1	2.54
Oscoda	-	-	1	8.74	-	-	-	-	-	-	1	8.74
Ottawa	1	0.75	3	1.49	1	0.37	-	-	-	-	5	2.61
Roscommon	1	2.92	-	-	-	-	-	-	-	-	1	2.92
Saginaw	4	2.09	4	1.98	3	1.05	-	-	6	2.10	17	7.22
St Clair	1	0.39	1	0.39	2	0.78	-	-	-	-	4	1.56
St Joseph	-	-	-	-	-	-	-	-	1	1.79	1	1.79
Shiawassee	1	1.71	1	1.71	1	1.71	-	-	-	-	3	5.13
Tuscola	-	-	-	-	1	2.05	-	-	-	-	1	2.05
Van Buren	-	-	-	-	2	1.45	-	-	1	1.55	3	3.00
Washtenaw	1	0.32	2	1.18	1	0.59	-	-	1	0.59	5	2.69
Wayne	21	0.88	78	2.80	46	1.76	-	-	38	1.46	183	6.89
Wexford	-	-	-	-	-	-	-	-	1	1.84	1	1.84

- 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.

Minnesota: Selected statistics from the United States section

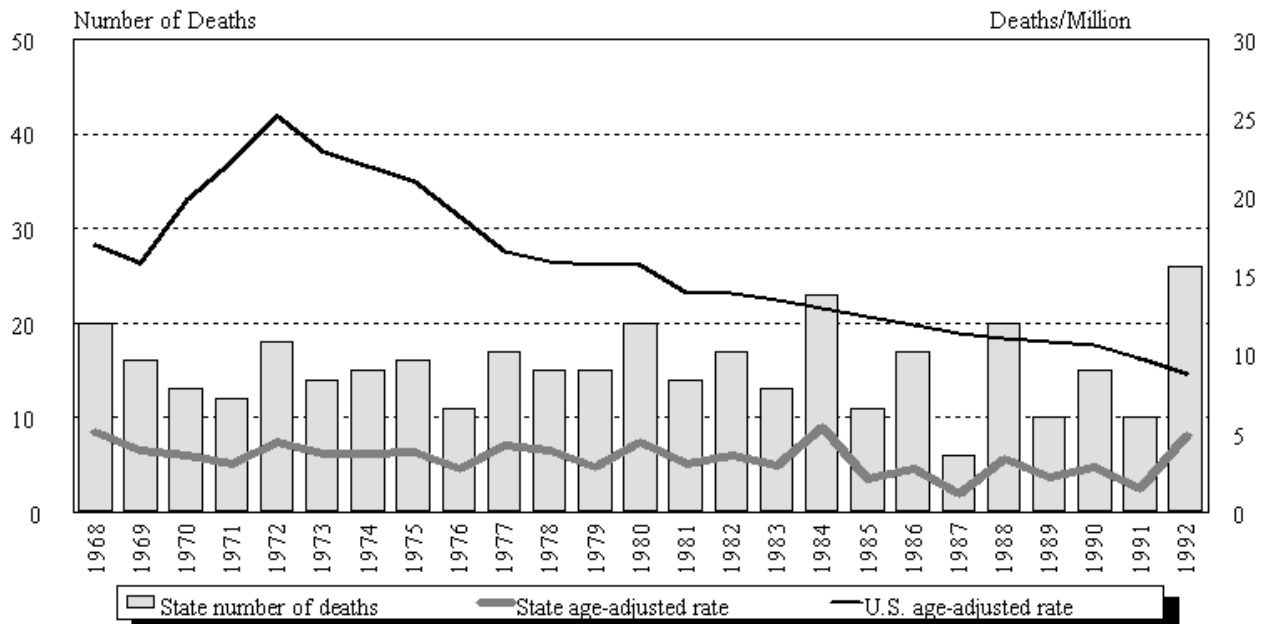
<b>All pneumoconioses mortality, 1988-1992</b>	<b>Value</b>	<b>State rank</b>
Total deaths	81	30
Crude mortality rate (per 1,000,000 population)	4.79	41
Age-adjusted mortality rate (per 1,000,000 population)	2.98	43
Total years of potential life lost to life expectancy	1,023	30
Years of potential life lost to life expectancy (per death)	12.6	12

<b>Deaths by type of pneumoconiosis, 1988-1992</b>	<b>Deaths*</b>	<b>Percent** distribution</b>
Asbestosis	47	58.0
Coal workers' pneumoconiosis	0	0.0
Silicosis	28	34.6
Byssinosis	1	1.2
Unspecified/Other pneumoconiosis	6	7.4

\* 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 MN-1. All pneumoconioses: Minnesota 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.

## Minnesota

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

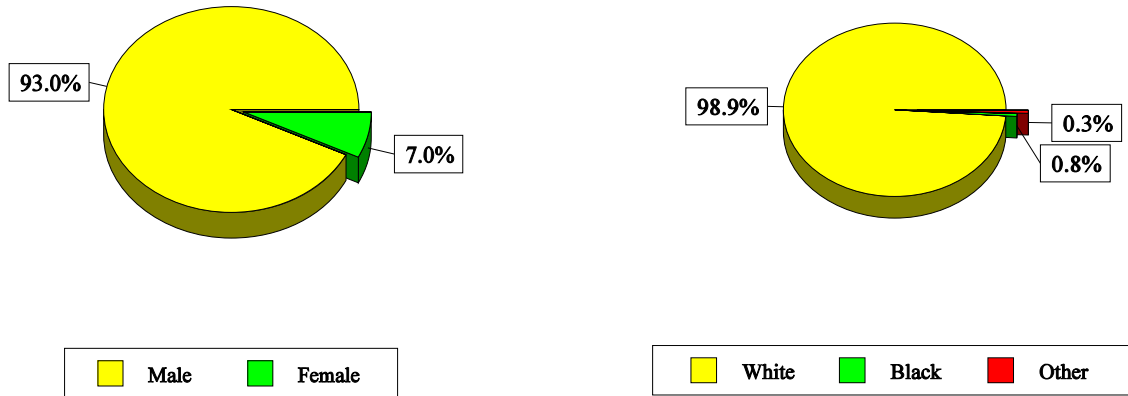
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	1	0.32	2	0.59	18	4.61			1	0.17	20	5.10
1969	-	-	-	-	13	3.07			3	0.83	16	3.90
1970	2	0.54	-	-	6	1.41			5	1.64	13	3.59
1971	1	0.32	1	0.27	5	1.34			5	1.16	12	3.08
1972	-	-	2	0.33	12	2.98			4	1.12	18	4.43
1973	1	0.31	1	0.26	3	0.48			9	2.65	14	3.71
1974	2	0.57	1	0.40	9	2.28			4	0.74	15	3.73
1975	-	-	-	-	11	2.68			5	1.12	16	3.80
1976	1	0.31	-	-	6	1.52			4	0.97	11	2.80
1977	1	0.25	1	0.45	6	1.16			9	2.41	17	4.27
1978	2	0.65	1	0.15	8	1.83			5	1.41	15	3.90
1979	5	1.01	1	0.07	6	0.99	-	-	3	0.79	15	2.86
1980	6	1.84	1	0.07	10	1.93	-	-	3	0.60	20	4.45
1981	2	0.56	-	-	11	2.22	-	-	1	0.24	14	3.02
1982	4	0.77	4	0.74	9	2.13	-	-	1	0.29	17	3.64
1983	9	2.07	1	0.42	3	0.42	-	-	-	-	13	2.92
1984	8	2.21	1	0.30	13	2.78	-	-	2	0.37	23	5.36
1985	1	0.42	-	-	9	1.44	-	-	1	0.23	11	2.09
1986	5	0.95	-	-	11	1.93	-	-	3	0.42	17	2.77
1987	4	0.87	-	-	2	0.27	-	-	-	-	6	1.14
1988	11	2.08	-	-	8	1.09	-	-	1	0.22	20	3.39
1989	5	1.28	-	-	3	0.48	-	-	2	0.44	10	2.19
1990	8	1.23	-	-	5	1.15	1	0.31	1	0.13	15	2.82
1991	6	1.02	-	-	3	0.46	-	-	1	0.05	10	1.53
1992	17	3.26	-	-	9	1.64	-	-	1	0.34	26	4.92

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



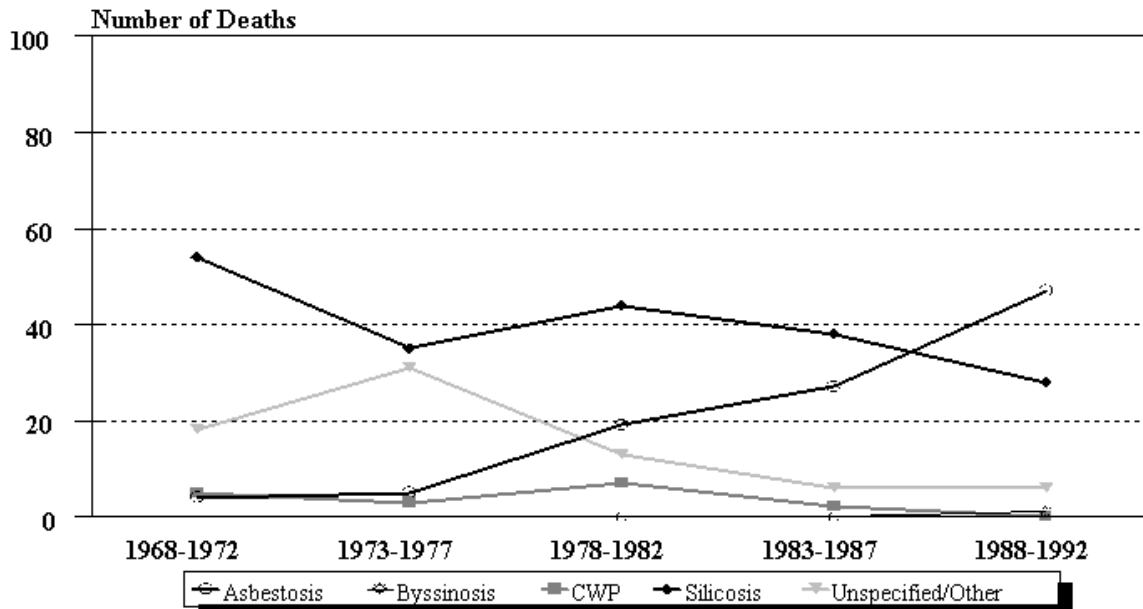
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		384	100.0	81	100.0
Sex	Male	357	93.0	81	100.0
	Female	27	7.0	0	0.0
Race	White	380	98.9	81	100.0
	Black	3	0.8	0	0.0
	Other	1	0.3	0	0.0
Age	15-24	1	0.3	0	0.0
	25-34	1	0.3	0	0.0
	35-44	6	1.6	1	1.2
	45-54	27	7.0	2	2.5
	55-64	67	17.4	11	13.6
	65-74	125	32.6	29	35.8
	75-84	126	32.8	29	35.8
	85+	31	8.1	9	11.1
Mean age		70.7		73.4	
Range for age		15-96		39-96	

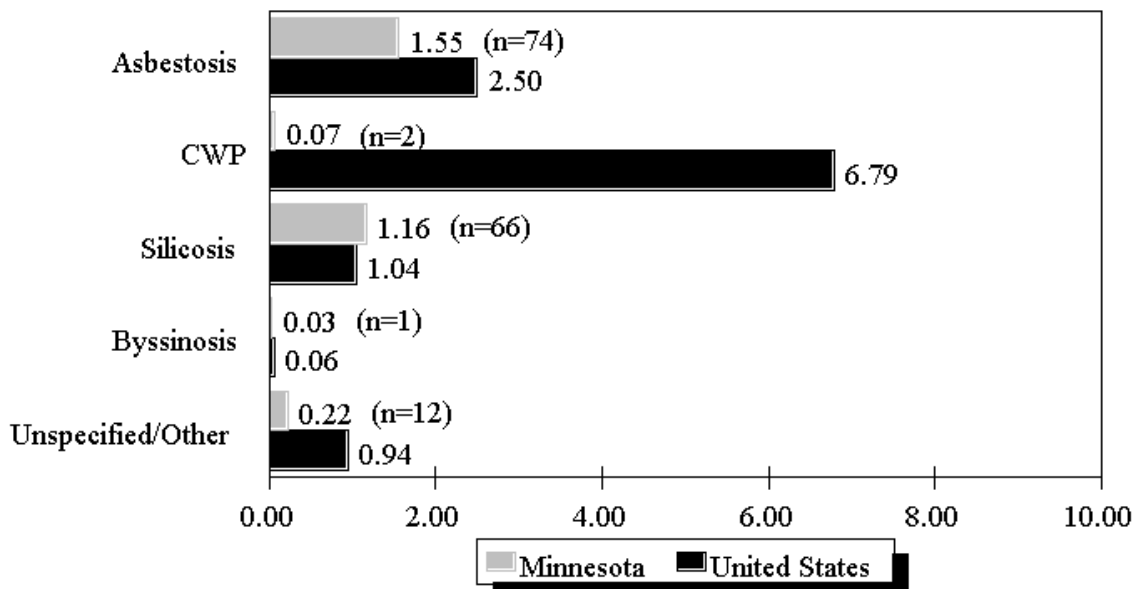
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MN-3. Pneumoconiosis deaths by condition, Minnesota 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 MN-4. Minnesota 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 MN-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Minnesota 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
Anoka	1	0.61	-	-	3	2.16	-	-	1	0.77	5	3.54
Benton	1	1.61	-	-	2	3.22	-	-	-	-	3	4.84
Big Stone	1	11.52	-	-	1	3.41	-	-	1	11.52	3	26.46
Carlton	1	3.23	-	-	1	1.44	-	-	-	-	2	4.68
Carver	-	-	-	-	2	3.16	-	-	-	-	2	3.16
Chippewa	-	-	-	-	1	1.95	-	-	-	-	1	1.95
Chisago	1	4.18	-	-	1	1.65	-	-	-	-	2	5.83
Clay	1	2.48	-	-	2	4.96	-	-	-	-	2	4.96
Crow Wing	1	1.97	-	-	-	-	-	-	-	-	1	1.97
Dakota	1	0.70	-	-	-	-	-	-	-	-	1	0.70
Douglas	1	1.12	-	-	1	1.12	-	-	-	-	2	2.24
Fillmore	1	1.30	-	-	-	-	-	-	-	-	1	1.30
Freeborn	-	-	-	-	1	4.42	-	-	-	-	1	4.42
Goodhue	1	0.84	-	-	-	-	-	-	1	0.84	2	1.68
Hennepin	18	1.56	2	0.26	9	0.85	-	-	1	0.12	29	2.66
Hubbard	1	9.83	-	-	-	-	-	-	-	-	1	9.83
Itasca	4	7.65	-	-	1	2.20	-	-	-	-	4	7.65
Lake	1	7.15	-	-	-	-	-	-	-	-	1	7.15
Le Sueur	1	4.38	-	-	2	6.04	-	-	-	-	3	10.41
McLeod	-	-	-	-	1	1.23	-	-	-	-	1	1.23
Marshall	-	-	-	-	-	-	-	-	1	13.43	1	13.43
Martin	1	1.22	-	-	1	1.22	-	-	-	-	2	2.43
Mille Lacs	-	-	-	-	1	1.76	-	-	1	1.76	2	3.52
Morrison	-	-	-	-	2	2.66	-	-	-	-	2	2.66
Mower	-	-	-	-	-	-	-	-	1	0.81	1	0.81
Nicollet	-	-	-	-	1	4.70	-	-	-	-	1	4.70
Nobles	1	4.33	-	-	1	4.33	-	-	-	-	1	4.33
Olmsted	1	1.35	-	-	-	-	-	-	-	-	1	1.35
Pine	1	1.87	-	-	-	-	-	-	-	-	1	1.87
Polk	1	2.87	-	-	-	-	-	-	-	-	1	2.87
Ramsey	14	2.71	-	-	8	1.10	-	-	1	0.24	23	4.05
St Louis	12	4.98	-	-	2	0.37	-	-	3	0.83	17	6.19

See footnotes at end of table.

# Minnesota

**Table MN-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Minnesota 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	3.17	-	-	-	-	1	3.17
Sherburne	1	4.55	-	-	1	2.12	-	-	-	-	2	6.68
Sibley	-	-	-	-	1	6.08	-	-	-	-	1	6.08
Stearns	2	1.65	-	-	12	8.05	-	-	1	0.52	15	10.22
Steele	-	-	-	-	2	4.95	-	-	-	-	2	4.95
Waseca	-	-	-	-	1	5.74	-	-	-	-	1	5.74
Washington	3	3.64	-	-	2	1.53	-	-	-	-	5	5.17
Wright	1	2.19	-	-	2	4.37	1	2.19	-	-	4	8.74

- 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.



Mississippi: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	113	24
Crude mortality rate (per 1,000,000 population)	11.59	17
Age-adjusted mortality rate (per 1,000,000 population)	7.10	16
Total years of potential life lost to life expectancy	1,423	25
Years of potential life lost to life expectancy (per death)	12.6	13

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	98	86.7
Coal workers' pneumoconiosis	8	7.1
Silicosis	6	5.3
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	1	0.9

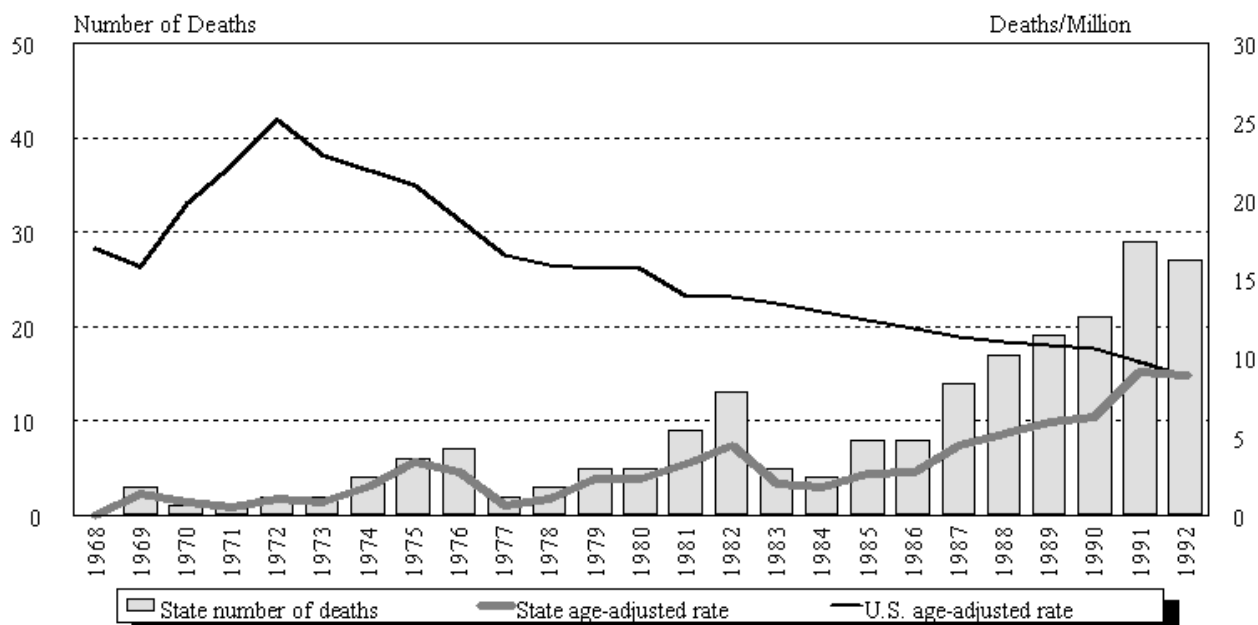
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MS-1. All pneumoconioses: Mississippi 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.

# Mississippi

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

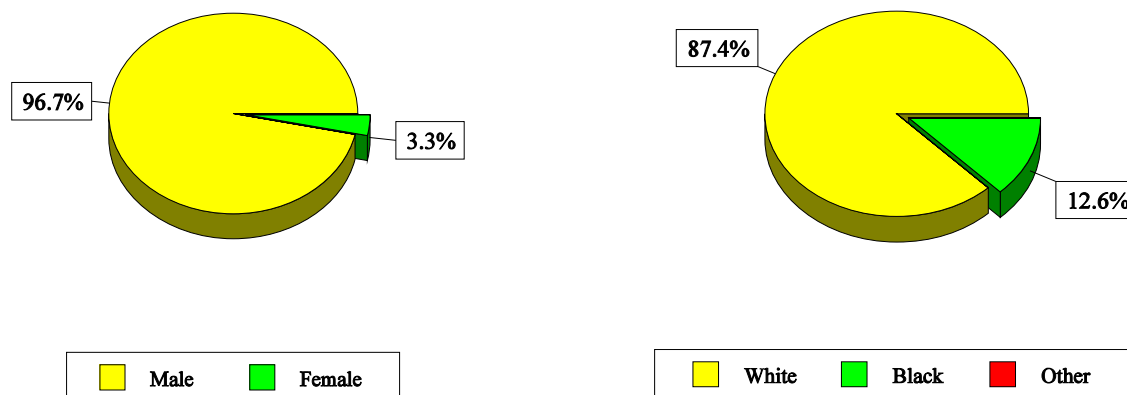
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	-	-			-	-	-	-
1969	-	-	2	0.98	1	0.36			-	-	3	1.34
1970	-	-	-	-	1	0.83			-	-	1	0.83
1971	-	-	-	-	1	0.52			-	-	1	0.52
1972	-	-	-	-	-	-			2	1.04	2	1.04
1973	-	-	-	-	2	0.82			-	-	2	0.82
1974	-	-	-	-	3	1.23			1	0.52	4	1.75
1975	-	-	2	1.03	4	2.40			-	-	6	3.43
1976	1	0.30	2	0.76	1	0.38			3	1.27	7	2.71
1977	-	-	1	0.29	1	0.37			-	-	2	0.67
1978	1	0.37	-	-	-	-			2	0.73	3	1.10
1979	2	0.77	1	0.36	1	0.50	-	-	1	0.68	5	2.30
1980	2	0.71	-	-	3	1.67	-	-	-	-	5	2.38
1981	5	1.75	2	0.72	2	0.84	-	-	-	-	9	3.31
1982	10	3.62	2	0.61	1	0.25	-	-	-	-	13	4.48
1983	4	1.49	-	-	1	0.48	-	-	-	-	5	1.97
1984	1	0.35	1	0.24	1	0.69	-	-	1	0.54	4	1.82
1985	5	1.52	1	0.13	2	1.04	-	-	-	-	8	2.69
1986	8	2.79	-	-	-	-	-	-	-	-	8	2.79
1987	12	3.98	1	0.22	1	0.22	-	-	-	-	14	4.42
1988	15	4.73	2	0.44	-	-	-	-	-	-	17	5.16
1989	17	5.36	-	-	1	0.22	-	-	1	0.36	19	5.94
1990	16	4.47	2	0.57	3	1.22	-	-	-	-	21	6.26
1991	25	8.09	3	0.77	1	0.21	-	-	-	-	29	9.07
1992	25	8.30	1	0.11	1	0.51	-	-	-	-	27	8.92

- 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 MS-2. All pneumoconioses: Distribution of deaths by sex and race, Mississippi 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.

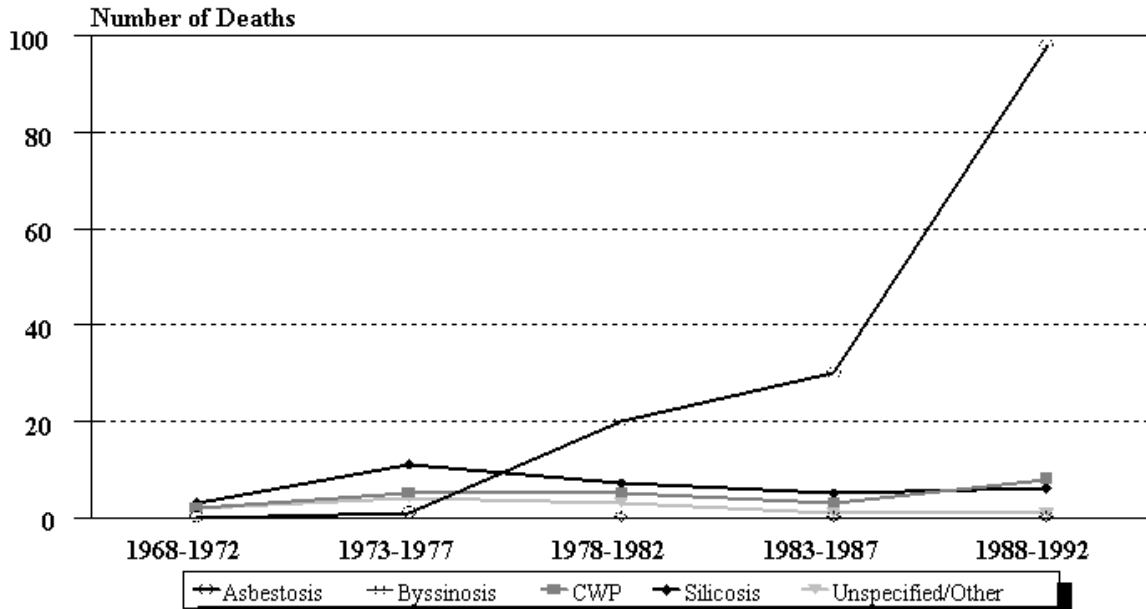
**Table MS-2. All pneumoconioses: Distribution of deaths by sex, race, and age, Mississippi residents age 15 and over, 1968-1992**

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		215	100.0	113	100.0
Sex	Male	208	96.7	111	98.2
	Female	7	3.3	2	1.8
Race	White	188	87.4	105	92.9
	Black	27	12.6	8	7.1
	Other	0	0.0	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	1	0.5	0	0.0
	35-44	3	1.4	0	0.0
	45-54	7	3.3	1	0.9
	55-64	46	21.4	20	17.7
	65-74	78	36.3	40	35.4
	75-84	70	32.6	46	40.7
	85+	10	4.7	6	5.3
Mean age		70.4		72.9	
Range for age		27-92		45-90	

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.

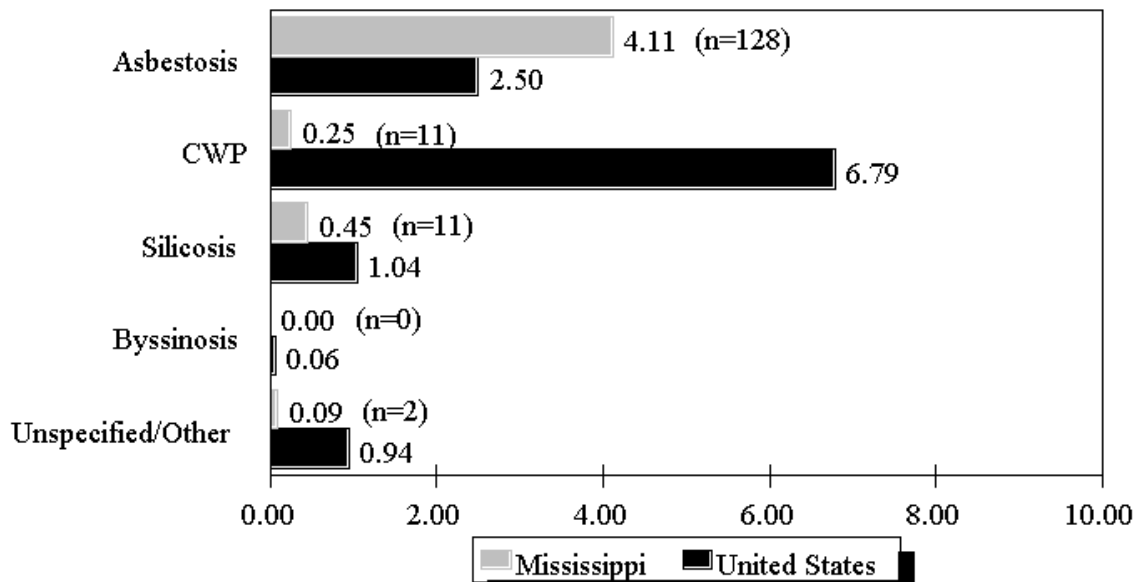
SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MS-3. Pneumoconiosis deaths by condition, Mississippi 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 MS-4. Mississippi 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 MS-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Mississippi 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	1.30	-	-	-	-	-	-	1	1.30
Attala	2	9.09	1	4.55	1	4.55	-	-	-	-	4	18.19
Choctaw	1	11.04	-	-	-	-	-	-	-	-	1	11.04
Coahoma	-	-	1	1.27	-	-	-	-	-	-	1	1.27
Copiah	1	3.93	-	-	-	-	-	-	-	-	1	3.93
Covington	1	6.48	-	-	1	9.54	-	-	-	-	2	16.02
De Soto	1	2.07	-	-	-	-	-	-	-	-	1	2.07
Forrest	1	0.78	1	0.78	-	-	-	-	-	-	2	1.56
George	8	41.86	-	-	-	-	-	-	-	-	8	41.86
Greene	3	28.02	-	-	-	-	-	-	-	-	3	28.02
Hancock	3	5.67	-	-	-	-	-	-	-	-	3	5.67
Harrison	17	10.24	1	0.69	-	-	-	-	-	-	18	10.93
Hinds	1	0.47	1	0.23	1	0.23	-	-	-	-	3	0.92
Humphreys	1	3.48	-	-	-	-	-	-	-	-	1	3.48
Itawamba	2	9.18	-	-	-	-	-	-	-	-	2	9.18
Jackson	54	46.36	1	0.74	1	1.04	-	-	1	1.04	57	49.17
Jasper	1	5.94	-	-	-	-	-	-	-	-	1	5.94
Jones	5	7.73	-	-	-	-	-	-	-	-	5	7.73
Lauderdale	3	4.11	-	-	-	-	-	-	-	-	3	4.11
Lawrence	-	-	-	-	1	3.76	-	-	-	-	1	3.76
Lee	1	0.86	1	0.86	-	-	-	-	-	-	2	1.72
Lowndes	-	-	3	3.21	2	4.79	-	-	-	-	5	8.00
Marion	-	-	-	-	1	3.74	-	-	-	-	1	3.74
Marshall	-	-	-	-	-	-	-	-	1	4.44	1	4.44
Montgomery	1	7.12	-	-	-	-	-	-	-	-	1	7.12
Neshoba	1	6.32	-	-	1	1.72	-	-	-	-	2	8.05
Newton	1	4.58	-	-	-	-	-	-	-	-	1	4.58
Panola	2	5.13	-	-	-	-	-	-	-	-	2	5.13
Perry	1	5.30	-	-	-	-	-	-	-	-	1	5.30
Pike	3	6.44	-	-	1	2.64	-	-	-	-	4	9.07
Prentiss	1	4.15	-	-	-	-	-	-	-	-	1	4.15

See footnotes at end of table.

## Mississippi

**Table MS-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Mississippi 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
Rankin	3	3.93	-	-	-	-	-	-	-	-	3	3.93
Tishomingo	3	14.42	-	-	-	-	-	-	-	-	3	14.42
Union	-	-	-	-	1	4.31	-	-	-	-	1	4.31
Wayne	4	17.27	-	-	-	-	-	-	-	-	4	17.27
Webster	1	8.52	-	-	-	-	-	-	-	-	1	8.52
Yazoo	1	3.85	-	-	-	-	-	-	-	-	1	3.85

- 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.

Missouri: Selected statistics from the United States section

All pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	127	21
Crude mortality rate (per 1,000,000 population)	6.34	34
Age-adjusted mortality rate (per 1,000,000 population)	3.36	38
Total years of potential life lost to life expectancy	1,560	22
Years of potential life lost to life expectancy (per death)	12.3	21

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	52	40.9
Coal workers' pneumoconiosis	36	28.3
Silicosis	26	20.5
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	13	10.2

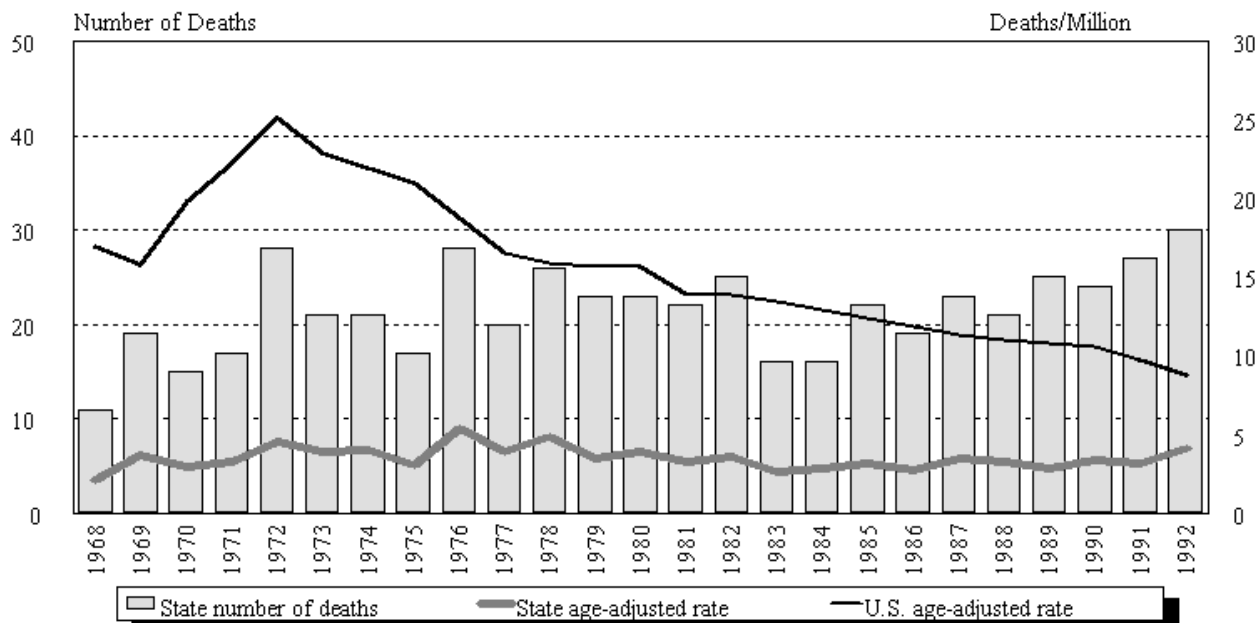
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MO-1. All pneumoconioses: Missouri 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.

# Missouri

**Table MO-1. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition, Missouri 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	0.38	7	1.40			2	0.32	11	2.09
1969	1	0.19	1	0.30	14	2.63			3	0.61	19	3.74
1970	-	-	3	0.41	5	1.07			7	1.46	15	2.94
1971	1	0.23	2	0.21	8	1.69			6	1.20	17	3.33
1972	2	0.46	2	0.25	16	2.49			8	1.33	28	4.53
1973	-	-	3	0.54	12	2.30			6	1.04	21	3.88
1974	3	0.71	5	0.79	10	2.01			3	0.55	21	4.06
1975	4	0.89	2	0.30	7	1.26			4	0.65	17	3.10
1976	5	0.93	1	0.17	13	2.28			9	1.98	28	5.36
1977	2	0.46	3	0.52	9	1.90			6	1.01	20	3.89
1978	5	0.91	1	0.17	11	2.11			10	1.80	26	4.82
1979	5	1.11	9	1.08	6	0.80	-	-	3	0.54	23	3.53
1980	2	0.39	5	0.79	9	1.57	-	-	7	1.16	23	3.91
1981	5	0.78	9	1.28	6	0.96	-	-	2	0.28	22	3.30
1982	8	1.34	10	1.34	5	0.72	-	-	2	0.23	25	3.62
1983	6	1.11	5	0.77	2	0.34	-	-	3	0.44	16	2.66
1984	3	0.57	2	0.27	9	1.73	-	-	2	0.27	16	2.85
1985	9	1.41	5	0.66	7	0.93	-	-	1	0.17	22	3.16
1986	12	1.97	4	0.42	2	0.33	-	-	1	0.05	19	2.77
1987	7	1.24	7	0.85	7	1.24	-	-	2	0.15	23	3.48
1988	11	1.87	8	1.03	2	0.33	-	-	-	-	21	3.23
1989	7	0.71	7	0.60	8	0.99	-	-	3	0.56	25	2.86
1990	9	1.27	4	0.59	5	0.82	-	-	6	0.75	24	3.43
1991	11	1.42	6	0.53	7	0.89	-	-	3	0.30	27	3.14
1992	14	1.88	11	1.21	4	0.68	-	-	1	0.35	30	4.13

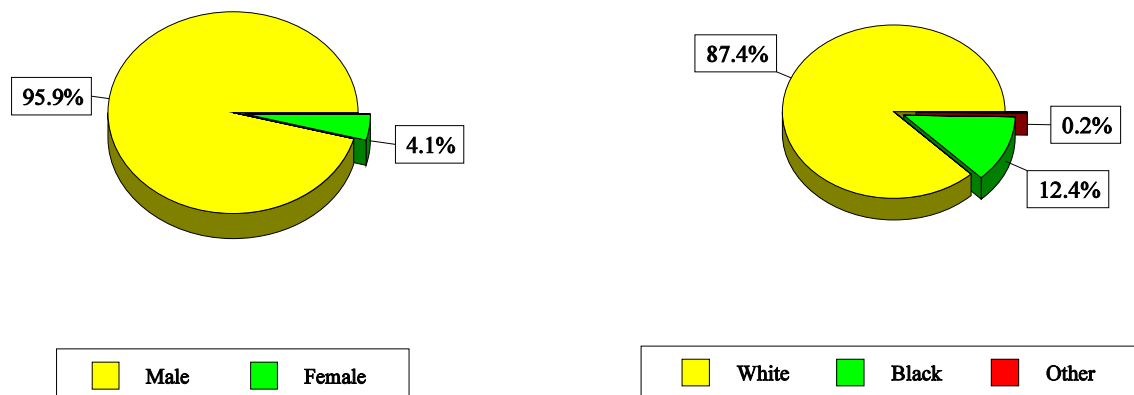
- indicates no deaths listed. \* no specific code for byssinosis in ICD-8 (1968-1978).

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



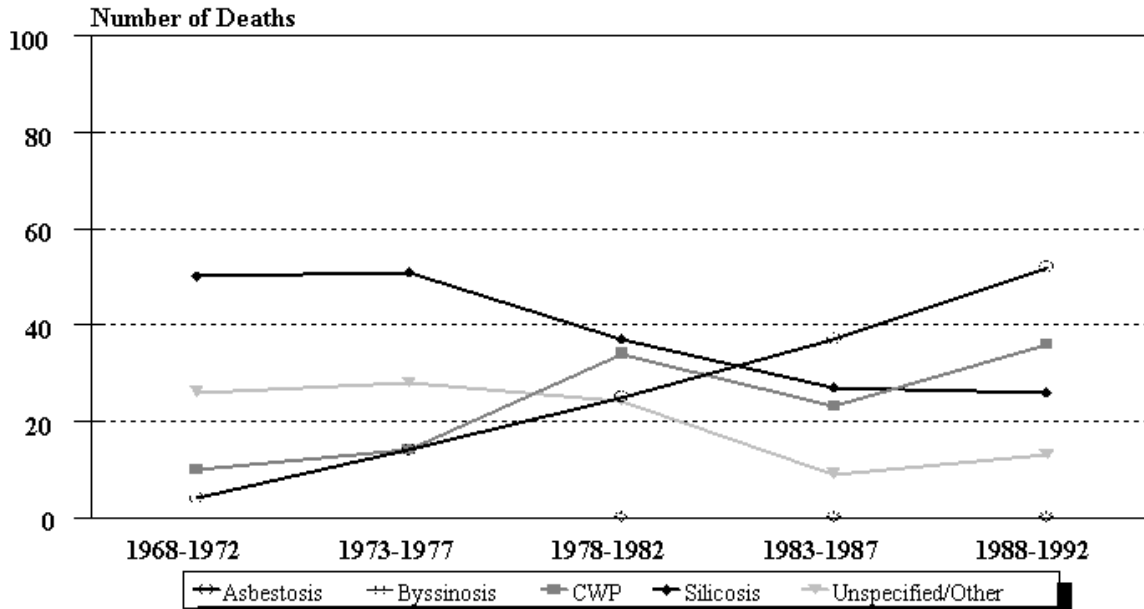
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		539	100.0	127	100.0
Sex	Male	517	95.9	123	96.9
	Female	22	4.1	4	3.1
Race	White	471	87.4	117	92.1
	Black	67	12.4	9	7.1
	Other	1	0.2	1	0.8
Age	15-24	2	0.4	1	0.8
	25-34	0	0.0	0	0.0
	35-44	6	1.1	1	0.8
	45-54	28	5.2	2	1.6
	55-64	96	17.8	18	14.2
	65-74	203	37.7	38	29.9
	75-84	154	28.6	43	33.9
	85+	50	9.3	24	18.9
	Mean age	70.8		74.0	
Range for age	21-97		21-97		

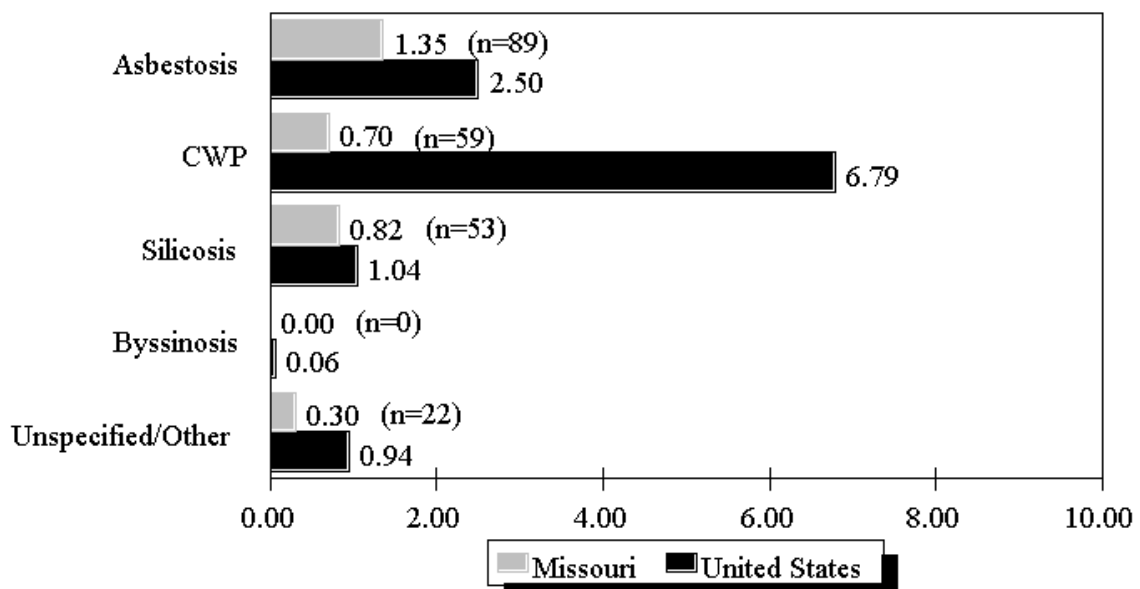
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MO-3. Pneumoconiosis deaths by condition, Missouri 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 MO-4. Missouri 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 MO-3 (page 1 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Missouri 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	-	-	2	3.46	-	-	-	-	-	-	2	3.46
Andrew	1	6.73	-	-	-	-	-	-	-	-	1	6.73
Audrain	1	3.45	-	-	6	16.48	-	-	-	-	7	19.93
Barton	1	7.38	-	-	-	-	-	-	-	-	1	7.38
Bates	-	-	3	5.56	-	-	-	-	-	-	3	5.56
Benton	1	2.24	-	-	-	-	-	-	-	-	1	2.24
Boone	1	1.49	-	-	-	-	-	-	-	-	1	1.49
Callaway	-	-	-	-	1	3.46	-	-	-	-	1	3.46
Cape Girardeau	1	1.78	-	-	-	-	-	-	-	-	1	1.78
Cass	2	2.98	-	-	-	-	-	-	-	-	2	2.98
Christian	-	-	1	3.95	1	1.85	-	-	-	-	2	5.80
Clark	-	-	1	11.83	-	-	-	-	-	-	1	11.83
Clay	5	3.00	-	-	-	-	-	-	-	-	5	3.00
Crawford	2	6.42	-	-	1	4.54	-	-	-	-	3	10.97
Douglas	1	7.19	-	-	1	2.91	-	-	-	-	2	10.10
Dunklin	1	4.53	-	-	-	-	-	-	-	-	1	4.53
Franklin	2	2.05	-	-	1	1.39	-	-	-	-	3	3.44
Gasconade	1	5.56	-	-	-	-	-	-	-	-	1	5.56
Greene	2	1.07	1	0.54	1	0.23	-	-	1	0.63	5	2.46
Harrison	-	-	1	2.51	-	-	-	-	-	-	1	2.51
Henry	1	4.03	4	13.44	-	-	-	-	-	-	5	17.47
Hickory	-	-	-	-	-	-	-	-	1	7.03	1	7.03
Jackson	10	1.22	3	0.47	5	0.90	-	-	4	0.49	22	3.08
Jasper	2	1.50	1	0.43	4	2.37	-	-	-	-	7	4.30
Jefferson	4	2.71	1	0.51	1	0.84	-	-	-	-	6	4.06
Johnson	1	3.62	-	-	-	-	-	-	-	-	1	3.62
Lafayette	-	-	5	5.30	-	-	-	-	-	-	5	5.30
Lincoln	1	4.14	-	-	-	-	-	-	1	1.84	2	5.98
Linn	1	5.25	1	5.25	-	-	-	-	-	-	2	10.49
Livingston	1	1.91	-	-	-	-	-	-	-	-	1	1.91

See footnotes at end of table.

# Missouri

**Table MO-3 (page 2 of 2). Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Missouri 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
McDonald	-	-	1	2.63	-	-	-	-	-	-	1	2.63
Macon	-	-	8	16.80	-	-	-	-	3	8.41	11	25.21
Marion	1	1.10	1	1.10	-	-	-	-	1	3.33	3	5.52
Miller	-	-	-	-	-	-	-	-	1	1.81	1	1.81
Monroe	-	-	-	-	2	12.80	-	-	-	-	2	12.80
Morgan	1	4.25	-	-	-	-	-	-	-	-	1	4.25
Newton	-	-	-	-	1	1.00	-	-	1	1.00	2	1.99
Nodaway	1	1.65	-	-	-	-	-	-	-	-	1	1.65
Oregon	-	-	2	18.30	-	-	-	-	-	-	2	18.30
Pettis	-	-	-	-	1	2.56	-	-	-	-	1	2.56
Phelps	1	3.00	-	-	-	-	-	-	1	1.33	2	4.33
Putnam	-	-	2	17.75	-	-	-	-	-	-	2	17.75
Randolph	-	-	3	6.65	-	-	-	-	-	-	3	6.65
Ray	-	-	3	8.81	-	-	-	-	5	18.25	8	27.06
St Charles	3	2.43	-	-	1	0.81	-	-	1	0.52	5	3.77
St Clair	-	-	1	7.97	-	-	-	-	-	-	1	7.97
Ste Genevieve	1	2.82	-	-	-	-	-	-	-	-	1	2.82
St Francois	-	-	-	-	-	-	-	-	1	1.90	1	1.90
St Louis	26	2.28	4	0.31	8	0.72	-	-	1	0.10	39	3.41
Scott	-	-	2	5.24	-	-	-	-	-	-	2	5.24
Sullivan	-	-	1	11.02	-	-	-	-	-	-	1	11.02
Taney	-	-	2	3.94	-	-	-	-	-	-	2	3.94
Vernon	-	-	-	-	1	1.77	-	-	-	-	1	1.77
Warren	1	5.29	-	-	-	-	-	-	-	-	1	5.29
Washington	-	-	1	2.89	-	-	-	-	-	-	1	2.89
Wayne	1	2.80	1	2.80	-	-	-	-	-	-	2	5.60
<b>Independent city:</b>												
St Louis	10	1.10	3	0.54	17	3.44	-	-	-	-	30	5.08

- 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.

Montana: Selected statistics from the United States section

ALL pneumoconioses mortality, 1988-1992	Value	State rank
Total deaths	37	40
Crude mortality rate (per 1,000,000 population)	12.10	16
Age-adjusted mortality rate (per 1,000,000 population)	6.79	17
Total years of potential life lost to life expectancy	454	39
Years of potential life lost to life expectancy (per death)	12.3	22

Deaths by type of pneumoconiosis, 1988-1992	Deaths*	Percent** distribution
Asbestosis	22	59.5
Coal workers' pneumoconiosis	0	0.0
Silicosis	14	37.8
Byssinosis	0	0.0
Unspecified/Other pneumoconiosis	1	2.7

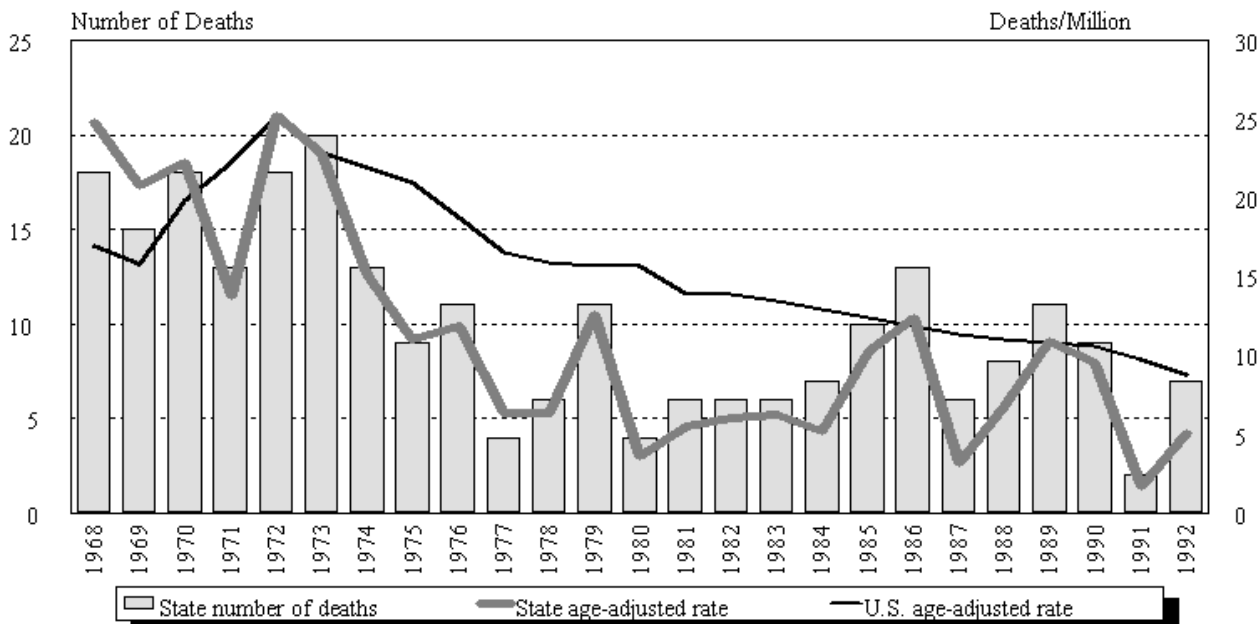
\* Sum of column may exceed total deaths because of deaths with multiple pneumoconioses.

\*\* 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 MT-1. All pneumoconioses: Montana 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.

## Montana

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

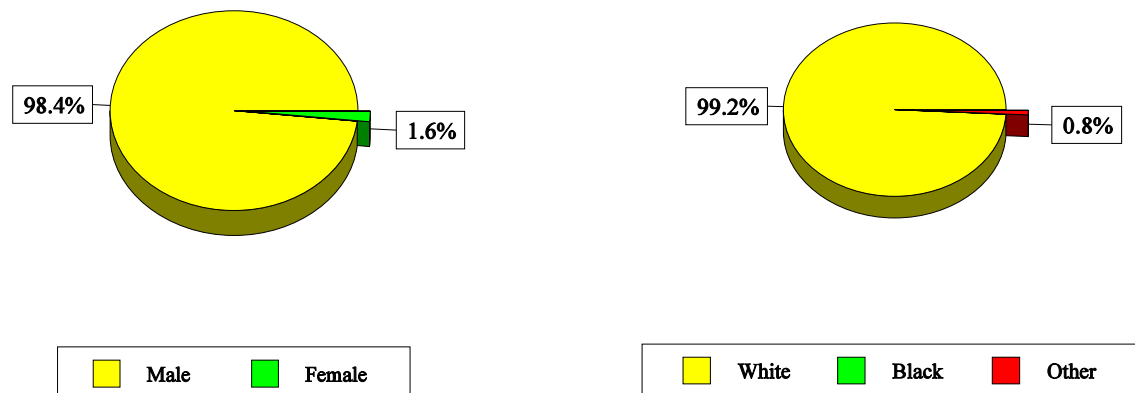
Year	Asbestosis		Coal workers' pneumoconiosis		Silicosis		Byssinosis*		Unspecified/Other pneumoconioses		All pneumoconioses	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	-	-	-	-	17	23.13			1	1.69	18	24.82
1969	-	-	2	3.34	13	17.42			-	-	15	20.76
1970	-	-	-	-	18	22.26			-	-	18	22.26
1971	-	-	-	-	13	13.73			-	-	13	13.73
1972	-	-	4	6.42	10	12.46			4	6.32	18	25.20
1973	-	-	1	1.00	17	18.68			3	4.70	20	22.77
1974	2	3.09	1	1.50	10	10.57			-	-	13	15.15
1975	1	2.04	2	2.92	6	6.02			-	-	9	10.98
1976	-	-	2	2.02	9	9.85			-	-	11	11.87
1977	-	-	-	-	3	4.29			1	2.05	4	6.34
1978	-	-	-	-	4	3.90			2	2.48	6	6.38
1979	-	-	2	2.25	10	11.65	-	-	-	-	11	12.62
1980	-	-	-	-	3	3.15	-	-	1	0.41	4	3.57
1981	2	2.96	2	0.81	2	1.80	-	-	-	-	6	5.57
1982	2	2.92	-	-	4	3.15	-	-	-	-	6	6.07
1983	2	2.30	-	-	4	3.93	-	-	-	-	6	6.23
1984	2	2.55	1	0.37	2	1.56	-	-	2	0.74	7	5.22
1985	3	2.96	2	2.53	5	5.49	-	-	1	0.75	10	10.31
1986	2	2.56	3	3.29	5	4.39	-	-	3	2.20	13	12.43
1987	1	0.36	1	0.72	3	1.79	-	-	1	0.36	6	3.23
1988	2	1.06	-	-	6	5.78	-	-	-	-	8	6.84
1989	8	9.54	-	-	3	1.39	-	-	-	-	11	10.92
1990	6	7.44	-	-	2	1.72	-	-	1	0.35	9	9.51
1991	2	1.70	-	-	-	-	-	-	-	-	2	1.70
1992	4	3.20	-	-	3	1.90	-	-	-	-	7	5.10

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



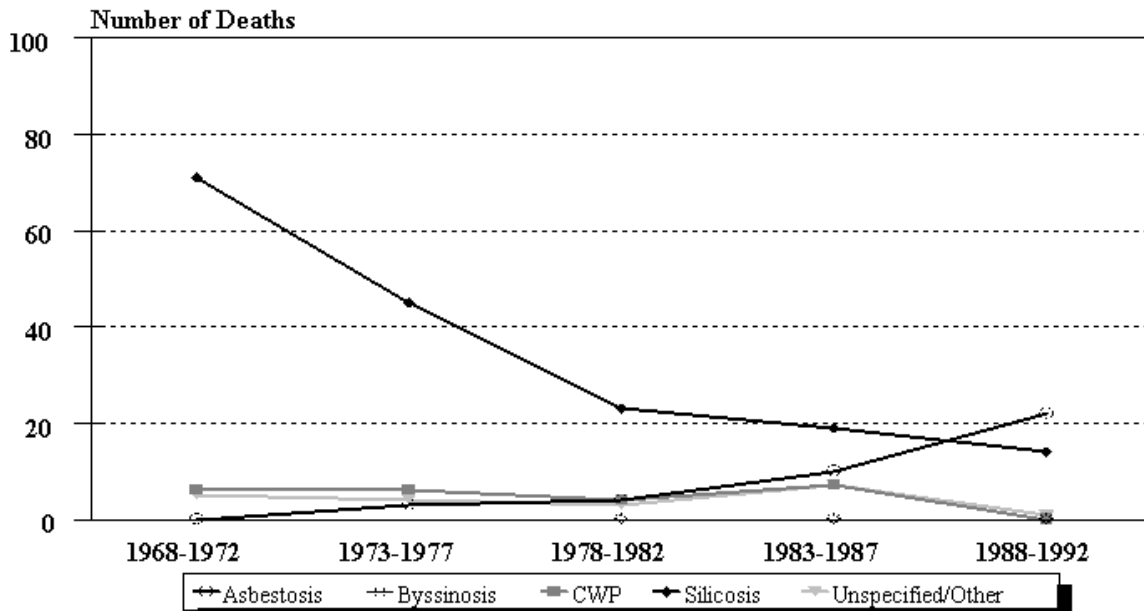
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

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

		1968-1992		1988-1992	
		Number	Percent	Number	Percent
Total deaths		251	100.0	37	100.0
Sex	Male	247	98.4	36	97.3
	Female	4	1.6	1	2.7
Race	White	249	99.2	37	100.0
	Black	0	0.0	0	0.0
	Other	2	0.8	0	0.0
Age	15-24	0	0.0	0	0.0
	25-34	0	0.0	0	0.0
	35-44	1	0.4	0	0.0
	45-54	6	2.4	2	5.4
	55-64	39	15.5	5	13.5
	65-74	73	29.1	10	27.0
	75-84	96	38.2	15	40.5
	85+	36	14.3	5	13.5
Mean age		74.2		73.9	
Range for age		42-95		49-90	

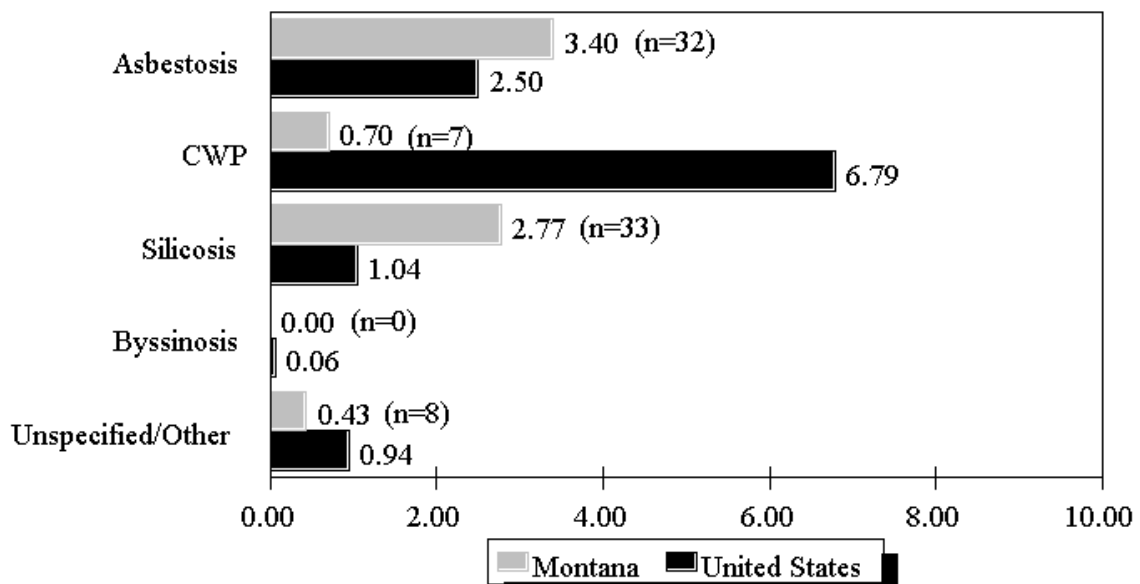
NOTE: Percentages may not total to 100% due to rounding. See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Figure MT-3. Pneumoconiosis deaths by condition, Montana 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 MT-4. Montana 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 MT-3. Number of deaths and age-adjusted mortality rate (per 1,000,000 population) by condition and county, Montana 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
Beaverhead	-	-	-	-	1	5.67	-	-	-	-	1	5.67
Broadwater	-	-	-	-	2	39.15	-	-	-	-	2	39.15
Cascade	3	2.75	2	1.35	2	2.07	-	-	3	2.03	10	8.20
Custer	-	-	1	3.05	-	-	-	-	-	-	1	3.05
Dawson	1	9.44	-	-	-	-	-	-	-	-	1	9.44
Deer Lodge	1	7.17	-	-	1	3.41	-	-	-	-	2	10.58
Fergus	-	-	-	-	-	-	-	-	1	2.45	1	2.45
Flathead	1	1.82	-	-	-	-	-	-	-	-	1	1.82
Gallatin	-	-	-	-	-	-	-	-	1	1.57	1	1.57
Jefferson	1	8.67	-	-	-	-	-	-	-	-	1	8.67
Lake	-	-	-	-	1	4.49	-	-	-	-	1	4.49
Lewis and Clark	2	4.96	-	-	2	2.48	-	-	-	-	4	7.43
Liberty	-	-	1	40.98	-	-	-	-	-	-	1	40.98
Lincoln	11	60.23	-	-	1	5.96	-	-	-	-	12	66.19
Madison	1	5.99	-	-	1	5.99	-	-	-	-	2	11.98
Missoula	2	3.49	-	-	-	-	-	-	-	-	2	3.49
Musselshell	-	-	2	35.33	-	-	-	-	1	7.67	3	43.01
Park	2	9.28	-	-	-	-	-	-	-	-	2	9.28
Powell	-	-	-	-	1	6.78	-	-	-	-	1	6.78
Sanders	-	-	-	-	1	4.62	-	-	-	-	1	4.62
Silver Bow	1	1.08	1	2.56	20	34.92	-	-	2	3.64	23	39.64
Toole	1	8.58	-	-	-	-	-	-	-	-	1	8.58
Yellowstone	5	4.57	-	-	-	-	-	-	-	-	5	4.57

- 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.

