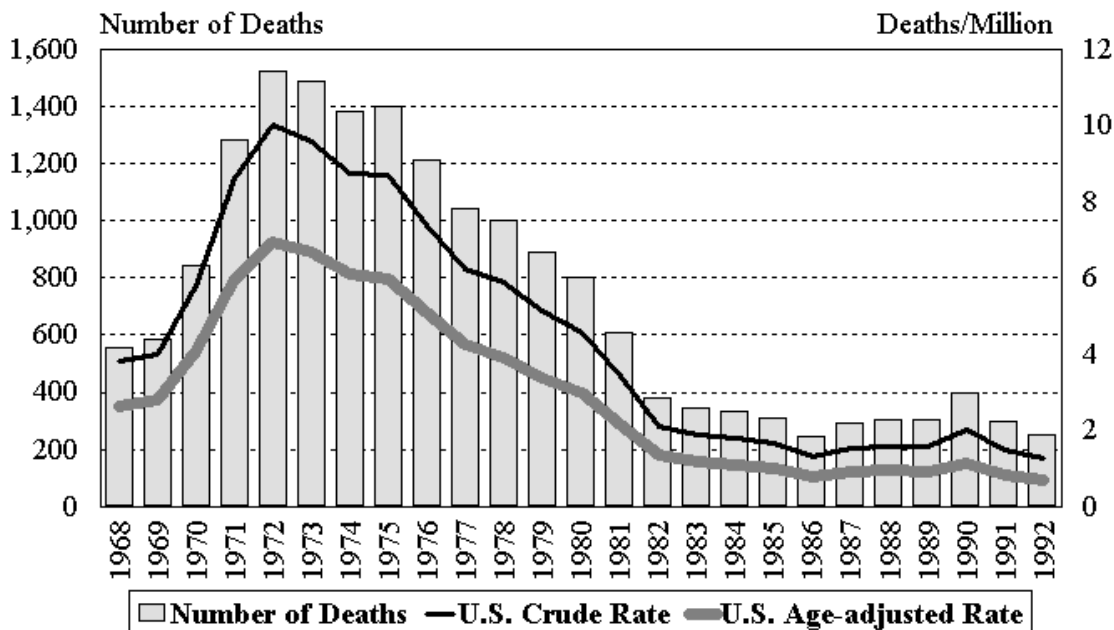
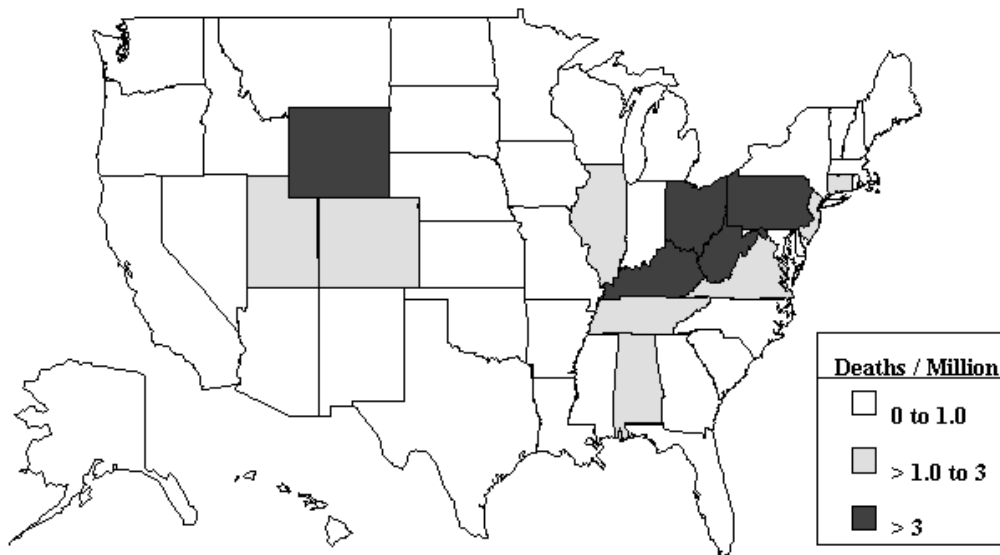


**Figure 5-1. Unspecified/Other pneumoconioses: Number of deaths, crude and age-adjusted mortality rates, U.S. residents age 15 and over, 1968-1992**



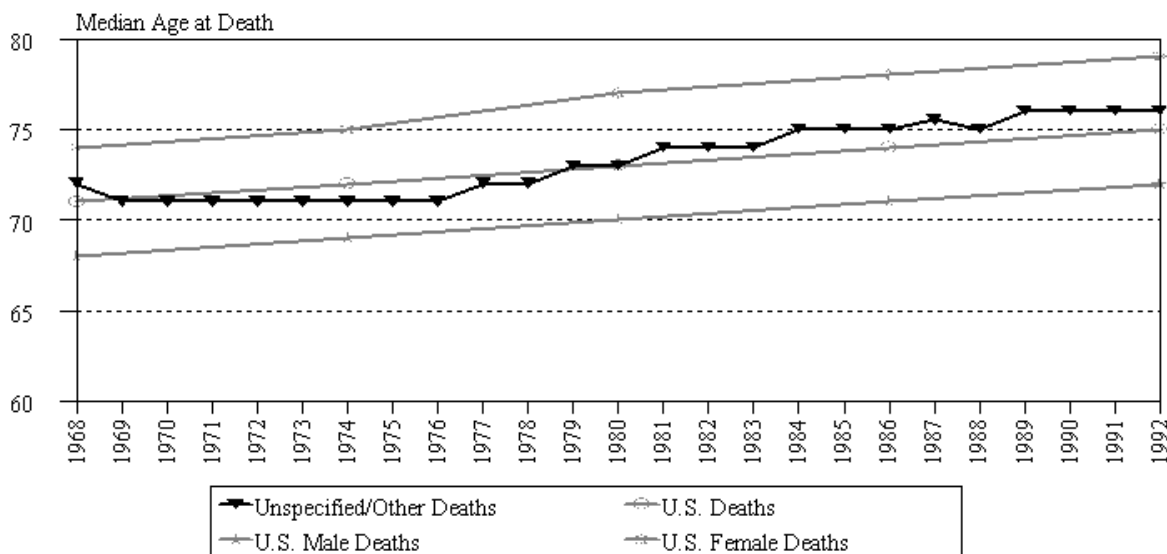
NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes.  
 SOURCE: National Center for Health Statistics multiple cause of death data. Population estimates from U.S. Bureau of the Census.

**Figure 5-2. Unspecified/Other pneumoconioses: Crude mortality rates by state, U.S. residents age 15 and over, 1991-1992**



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.

Figure 5-3. Unspecified/Other pneumoconioses: Median age at death, U.S. 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 5-1. Unspecified/Other pneumoconioses: Number of deaths by sex, race, and age, U.S. residents age 15 and over, 1991-1992

		1991		1992	
		Number	Percent	Number	Percent
Total deaths		296	100.0	249	100.0
Sex	Male	282	95.3	234	94.0
	Female	14	4.7	15	6.0
Race	White	271	91.6	231	92.8
	Black	24	8.1	18	7.2
	Other	1	0.3	0	0.0
Age	15-24	0	0.0	1	0.4
	25-34	1	0.3	0	0.0
	35-44	6	2.0	0	0.0
	45-54	3	1.0	8	3.2
	55-64	22	7.4	19	7.6
	65-74	103	34.8	76	30.5
	75-84	110	37.2	104	41.8
	85 and over	51	17.2	41	16.5
Mean age		75.0		75.3	
Range for age		32-94		21-95	

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. Data for 1968-1990 can be found in the Work-Related Lung Disease Surveillance Report, 1994, see Appendix E.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

*Unspecified/Other Pneumoconioses*

**UNITED STATES**

**Table 5-2. Unspecified/Other pneumoconioses: Number of deaths by state, U.S. residents age 15 and over, 1968-1992**

State	1968-1978	1979-1990	1991	1992	TOTAL
Alabama	342	133	10	5	490
Alaska	3	1	-	-	4
Arizona	74	38	1	2	115
Arkansas	58	17	2	1	78
California	355	154	4	4	517
Colorado	118	48	3	3	172
Connecticut	81	49	2	4	136
Delaware	10	9	-	-	19
District of Columbia	14	2	1	-	17
Florida	157	99	10	11	277
Georgia	52	37	1	2	92
Hawaii	7	1	-	-	8
Idaho	10	5	-	-	15
Illinois	732	275	19	13	1,039
Indiana	174	96	4	4	278
Iowa	41	8	-	4	53
Kansas	43	15	3	-	61
Kentucky	1,046	512	32	34	1,624
Louisiana	27	25	4	-	56
Maine	18	11	-	-	29
Maryland	71	56	4	1	132
Massachusetts	88	45	2	3	138
Michigan	252	126	3	7	388
Minnesota	54	18	1	1	74
Mississippi	8	3	-	-	11
Missouri	64	32	3	1	100
Montana	11	9	-	-	20
Nebraska	9	4	1	1	15
Nevada	11	4	-	-	15
New Hampshire	11	7	-	1	19
New Jersey	252	159	7	7	425
New Mexico	49	34	-	1	84
New York	327	139	3	9	478
North Carolina	71	41	2	4	118
North Dakota	7	1	-	-	8
Ohio	672	394	42	27	1,135
Oklahoma	38	18	1	2	59
Oregon	23	12	1	-	36
Pennsylvania	3,696	1,190	49	33	4,968
Rhode Island	14	7	-	-	21
South Carolina	17	8	3	-	28
South Dakota	10	5	-	-	15
Tennessee	267	109	8	3	387
Texas	94	42	1	3	140
Utah	70	42	1	2	115
Vermont	28	8	-	-	36
Virginia	582	391	7	4	984
Washington	50	19	3	3	75
West Virginia	1,960	699	58	44	2,761
Wisconsin	91	28	-	2	121
Wyoming	63	17	-	3	83
<b>TOTAL</b>	<b>12,322</b>	<b>5,202</b>	<b>296</b>	<b>249</b>	<b>18,069</b>

- indicates no deaths listed.

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 5-3. Unspecified/Other pneumoconioses: Mortality rates (per 1,000,000 population) by race and sex, U.S. residents age 15 and over, 1991-1992**

Year	Overall rate	White		Black	
		Males	Females	Males	Females
<b>Crude mortality rate</b>					
1991	1.50	3.20	0.15	2.21	0.08
1992	1.25	2.66	0.16	1.60	0.08
<b>Age-adjusted mortality rate</b>					
1991	0.83	1.96	0.07	2.05	0.07
1992	0.69	1.64	0.07	1.47	0.07

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes. Data for 1968-1990 can be found in the Work-Related Lung Disease Surveillance Report, 1994, see Appendix E. See Appendix E for revised rates for 1968-1990.

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

**Table 5-4. Unspecified/Other pneumoconioses: Years of potential life lost by race and sex, U.S. residents age 15 and over, 1991-1992**

Year	Overall	White		Black	
		Males	Females	Males	Females
<b>Years of potential life lost to age 65</b>					
1991	340	220	30	90	0
1992	260	235	15	10	0
<b>Years of potential life lost to life expectancy</b>					
1991	3,508	2,652	182	268	14
1992	2,881	2,250	174	146	14

NOTE: See Appendix A for source description and Appendix B for methods and ICD-8 and ICD-9 codes. Data for 1968-1990 can be found in the Work-Related Lung Disease Surveillance Report, 1994, see Appendix E.

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

*Unspecified/Other Pneumoconioses*

**UNITED STATES**

**Table 5-5. Unspecified/Other pneumoconioses: Total number of deaths, crude and age-adjusted mortality rates (per 1,000,000 population), and total years of potential life lost (YPLL) to life expectancy, by state, U.S. residents age 15 and over, 1988-1992**

State	Total deaths		Crude mortality		Age-adjusted mortality		YPLL to life expectancy			
	Rate	Rank	Rate	Rank	Rate	Rank	Years	Rank	Years/death	Rank
Alabama	36	11	2.28	7	1.12	12	387	13	10.8	33
Alaska	-	-	-	-	-	-	-	-	-	-
Arizona	9	27	0.63	29	0.32	31	94	28	10.4	37
Arkansas	5	33	0.55	32	0.28	35	58	34	11.6	28
California	36	11	0.31	43	0.22	40	442	12	12.3	22
Colorado	8	28	0.62	30	0.42	24	83	30	10.4	38
Connecticut	15	18	1.13	15	0.53	20	145	25	9.7	41
Delaware	2	40	0.76	23	0.38	27	16	42	8.0	42
District of Columbia	2	40	0.79	22	0.78	14	76	31	38.0	1
Florida	46	7	0.87	19	0.34	29	492	10	10.7	34
Georgia	10	26	0.40	38	0.28	35	118	26	11.8	26
Hawaii	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Illinois	102	5	2.28	7	1.14	11	1,045	5	10.2	39
Indiana	26	14	1.20	14	0.61	16	273	16	10.5	36
Iowa	4	35	0.37	40	0.20	42	50	36	12.5	18
Kansas	7	30	0.73	25	0.32	31	70	32	10.0	40
Kentucky	178	3	12.31	2	6.69	2	2,020	3	11.3	30
Louisiana	12	22	0.75	24	0.55	19	166	20	13.8	11
Maine	4	35	0.83	20	0.45	21	44	39	11.0	31
Maryland	19	16	1.00	16	0.62	15	236	17	12.4	19
Massachusetts	12	22	0.49	33	0.30	34	151	23	12.6	17
Michigan	35	13	0.97	17	0.61	16	482	11	13.8	13
Minnesota	6	31	0.35	41	0.24	39	86	29	14.3	7
Mississippi	1	43	0.10	48	0.07	46	14	43	14.0	8
Missouri	13	20	0.65	28	0.39	26	205	18	15.8	5
Montana	1	43	0.33	42	0.07	46	6	47	6.0	47
Nebraska	4	35	0.66	27	0.44	22	55	35	13.8	15
Nevada	1	43	0.21	47	0.13	43	8	45	8.0	42
New Hampshire	1	43	0.23	45	0.06	48	6	47	6.0	47
New Jersey	46	7	1.48	12	0.89	13	587	7	12.8	16
New Mexico	14	19	2.46	6	1.53	6	159	21	11.4	29
New York	43	10	0.60	31	0.35	28	517	9	12.0	24
North Carolina	22	15	0.83	20	0.59	18	307	14	14.0	10
North Dakota	1	43	0.41	37	0.27	37	14	43	14.0	8
Ohio	145	4	3.41	5	1.91	3	1,700	4	11.7	27
Oklahoma	11	24	0.90	18	0.42	24	152	22	13.8	12
Oregon	5	33	0.45	35	0.26	38	62	33	12.4	20
Pennsylvania	195	2	4.09	3	1.88	4	2,132	2	10.9	32
Rhode Island	2	40	0.49	33	0.34	29	29	40	14.5	6
South Carolina	3	38	0.22	46	0.10	45	23	41	7.7	46
South Dakota	1	43	0.38	39	0.13	43	8	45	8.0	42
Tennessee	44	9	2.27	9	1.28	8	526	8	12.0	25
Texas	18	17	0.28	44	0.21	41	285	15	15.8	4
Utah	11	24	1.85	11	1.16	10	116	27	10.5	35
Vermont	3	38	1.36	13	1.17	9	48	37	16.0	3
Virginia	54	6	2.19	10	1.49	7	669	6	12.4	21
Washington	13	20	0.68	26	0.44	22	179	19	13.8	14
West Virginia	309	1	43.21	1	22.06	1	3,753	1	12.1	23
Wisconsin	8	28	0.42	36	0.32	31	147	24	18.4	2
Wyoming	6	31	3.54	4	1.71	5	48	37	8.0	42

- indicates no deaths listed.

NOTE: Ranks are based on unrounded values. See Appendix A for source 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 5-6. Unspecified/Other pneumoconioses: Most frequently recorded occupations on death certificate, selected states, U.S. residents age 15 and over, 1991-1992**

COC	Occupation	Number	Percent
616	Mining machine operators	134	45.3
889	Laborers, except construction	18	6.1
019	Managers and administrators, n.e.c.	8	2.7
453	Janitors and cleaners	8	2.7
575	Electricians	8	2.7
633	Supervisors, precision production occupations	7	2.4
567	Carpenters	6	2.0
637	Machinists	4	1.4
783	Welders and cutters	4	1.4
156	Teachers, elementary school	3	1.0
	All other occupations	89	30.1
	Occupation not reported	7	2.4
	<b>TOTAL</b>	<b>296</b>	<b>100.0</b>

COC - 1980 Census Occupation Code  
 NOTE: See Appendix A for source description, Appendix B for methods and ICD-8 and ICD-9 codes, and Appendix C for list of 25 states reporting usual occupation and years reporting. Data for 1985-1990 can be found in the Work-Related Lung Disease Surveillance Report, 1994, see Appendix E.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table 5-7. Unspecified/Other pneumoconioses: Most frequently recorded industries on death certificate, selected states, U.S. residents age 15 and over, 1991-1992**

CIC	Industry	Number	Percent
041	Coal mining	150	50.7
060	Construction	19	6.4
270	Blast furnace, steelworks, rolling and finishing mills	9	3.0
351	Motor vehicles and motor vehicle equipment	8	2.7
392	Not specified manufacturing industries	6	2.0
842	Elementary and secondary schools	5	1.7
192	Industrial and miscellaneous chemicals	4	1.4
271	Iron and steel foundries	4	1.4
280	Other primary metal industries	4	1.4
250	Glass and glass products	3	1.0
	All other industries	78	26.4
	Industry not reported	6	2.0
	<b>TOTAL</b>	<b>296</b>	<b>100.0</b>

CIC - 1980 Census Industry Code  
 NOTE: See Appendix A for source description, Appendix B for methods and ICD-8 and ICD-9 codes, and Appendix C for list of 25 states reporting usual industry and years reporting. Data for 1985-1990 can be found in the Work-Related Lung Disease Surveillance Report, 1994, see Appendix E.  
 SOURCE: National Center for Health Statistics multiple cause of death data.

**Table 5-8. Unspecified/Other pneumoconioses: Proportionate mortality ratio (PMR) by usual occupation, selected states and years, U.S. residents age 15 and over, 1985-1992**

COC	Occupation	Number of deaths	PMR	95% confidence interval	
				LCL	UCL
615	Explosives workers	5	77.07	24.94	180.07
616	Mining machine operators	423	53.96	48.79	59.49
719	Molding and casting machine operators	14	13.22	7.22	22.18
768	Crushing and grinding machine operators	6	12.82	4.70	27.93
617	Mining occupations, n.e.c.	5	8.12	2.63	18.97
859	Miscellaneous material moving equipment operators	5	5.87	1.90	13.71
766	Furnace, kiln, oven operators, except food	10	5.70	2.74	10.48
516	Heavy equipment mechanics	7	5.05	2.03	10.41
824	Locomotive operating occupations	7	5.05	2.03	10.41
849	Crane and tower operators	7	4.37	1.76	9.01
575	Electricians	22	3.83	2.39	5.80
563	Brickmasons and stonemasons	8	2.93	1.26	5.77
783	Welders and cutters	13	2.57	1.37	4.39
869	Construction laborers	24	2.15	1.38	3.20
913	Retired, with no other occupations reported	19	1.88	1.13	2.94
889	Laborers, except construction	63	1.81	1.38	2.33
567	Carpenters	23	1.62	1.03	2.43

COC - 1980 Census Occupation Code n.e.c. - not elsewhere classified LCL - lower confidence limit UCL - upper confidence limit

NOTE: See Appendix A for source description, Appendix B for methods and ICD-8 and ICD-9 codes, and Appendix C for list of 25 states reporting usual occupation and years reporting.

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

**Table 5-9. Unspecified/Other pneumoconioses: Proportionate mortality ratio (PMR) by usual industry, selected states and years, U.S. residents age 15 and over, 1985-1992**

CIC	Industry	Number of deaths	PMR	95% confidence interval	
				LCL	UCL
041	Coal mining	478	58.65	53.37	64.31
262	Miscellaneous nonmetallic mineral and stone products	15	12.87	7.19	21.24
271	Iron and steel foundries	15	8.43	4.71	13.91
050	Nonmetallic mining and quarrying, except fuel	8	7.08	3.05	13.94
252	Structural clay products	6	6.98	2.56	15.21
040	Metal mining	7	5.42	2.18	11.18
280	Other primary metal industries	8	4.04	1.74	7.95
192	Industrial and miscellaneous chemicals	14	2.89	1.58	4.85
270	Blast furnaces, steelworks, rolling and finishing mills	36	2.88	2.00	4.01
351	Motor vehicles and motor vehicle equipment	24	1.92	1.23	2.86
060	Construction	85	1.37	1.09	1.71

CIC - 1980 Census Industry Code    LCL - lower confidence limit    UCL - upper confidence limit

NOTE: See Appendix A for source description, Appendix B for methods and ICD-8 and ICD-9 codes, and Appendix C for list of 25 states reporting usual industry and years reporting.

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



Figure 5-4. Unspecified/Other pneumoconioses: Total number of deaths  
by county, U.S. residents age 15 and over, 1983-1992

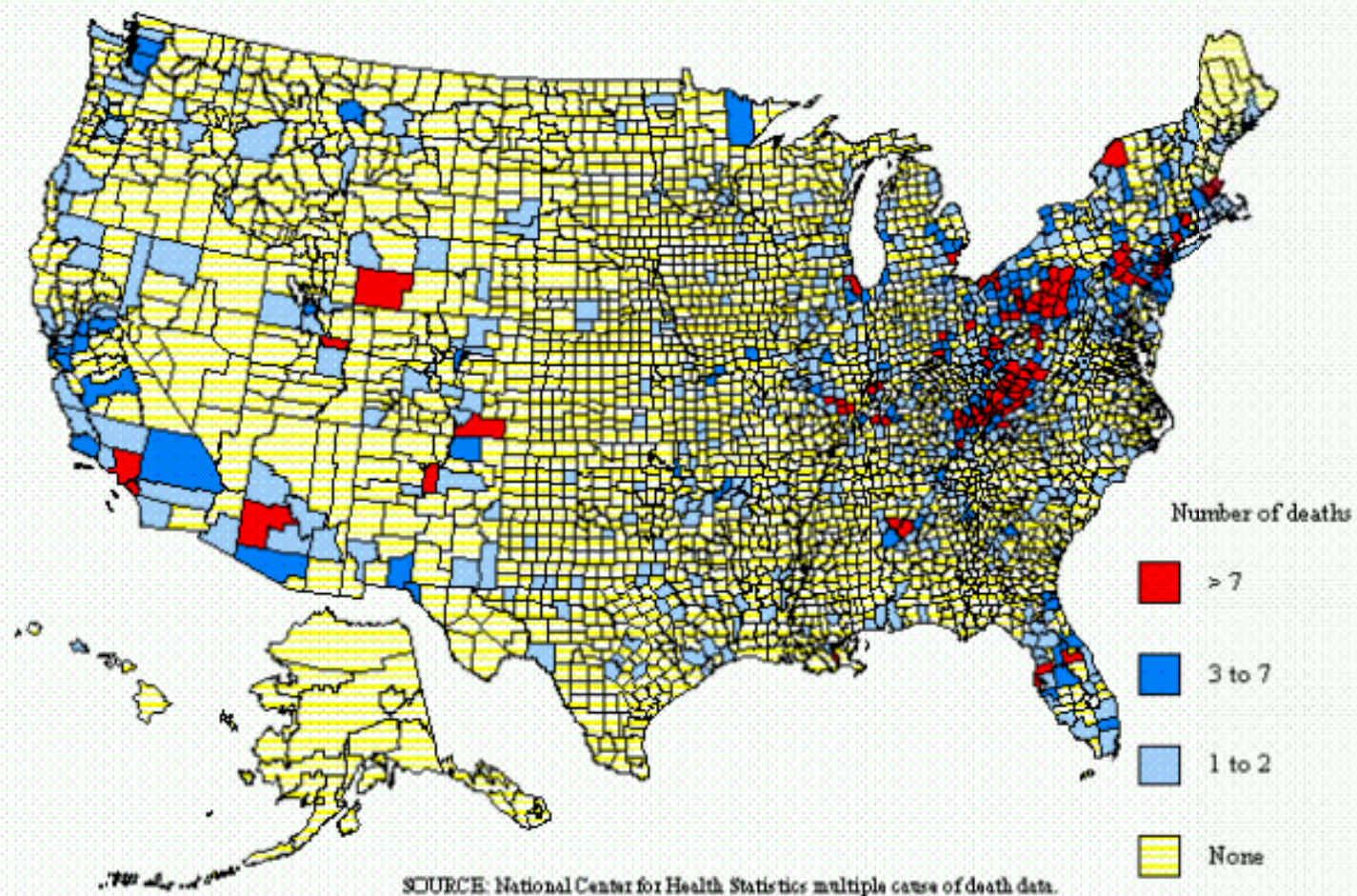
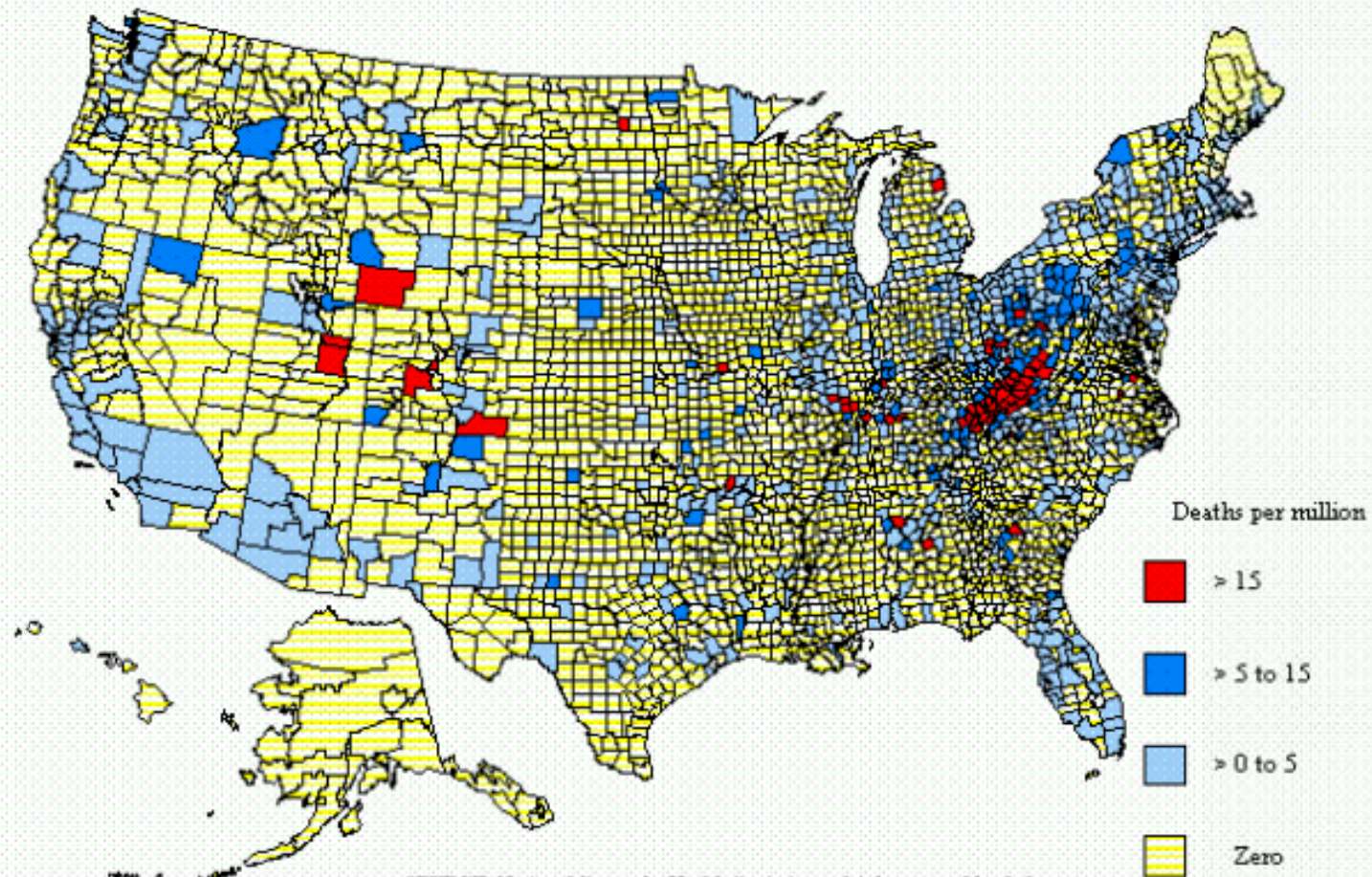




Figure 5-5. Unspecified/Other pneumoconioses: Age-adjusted mortality rates by county, U.S. residents age 15 and over, 1983-1992



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