

## PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

### Mortality

Pneumoconiosis due to other inorganic dust includes ICD-8 code 516.0 for 1968-1978 and ICD-9 code 503 for 1979-1990.

- The total number of deaths with mention of pneumoconiosis due to other inorganic dust between 1968 and 1990 was 312. Racial distribution was 90% white, 9% black and 1% other races. Approximately 69% of deaths occurred in males. There is no clear trend of increasing or decreasing annual deaths.

- See Tables 5-3, 5-4, and 5-5 for data.

- See Appendix A for information about multiple cause of death data.

- Pennsylvania had the highest number of deaths with pneumoconiosis due to other inorganic dust (n = 22) between 1979 and 1990. Other states which ranked in the top five were Ohio, Massachusetts, New Jersey, and California.

- See Table 5-5 for data.

Figure 5-1. Pneumoconiosis due to other inorganic dust: number of deaths, U.S. residents age 15 and over, 1968-1990

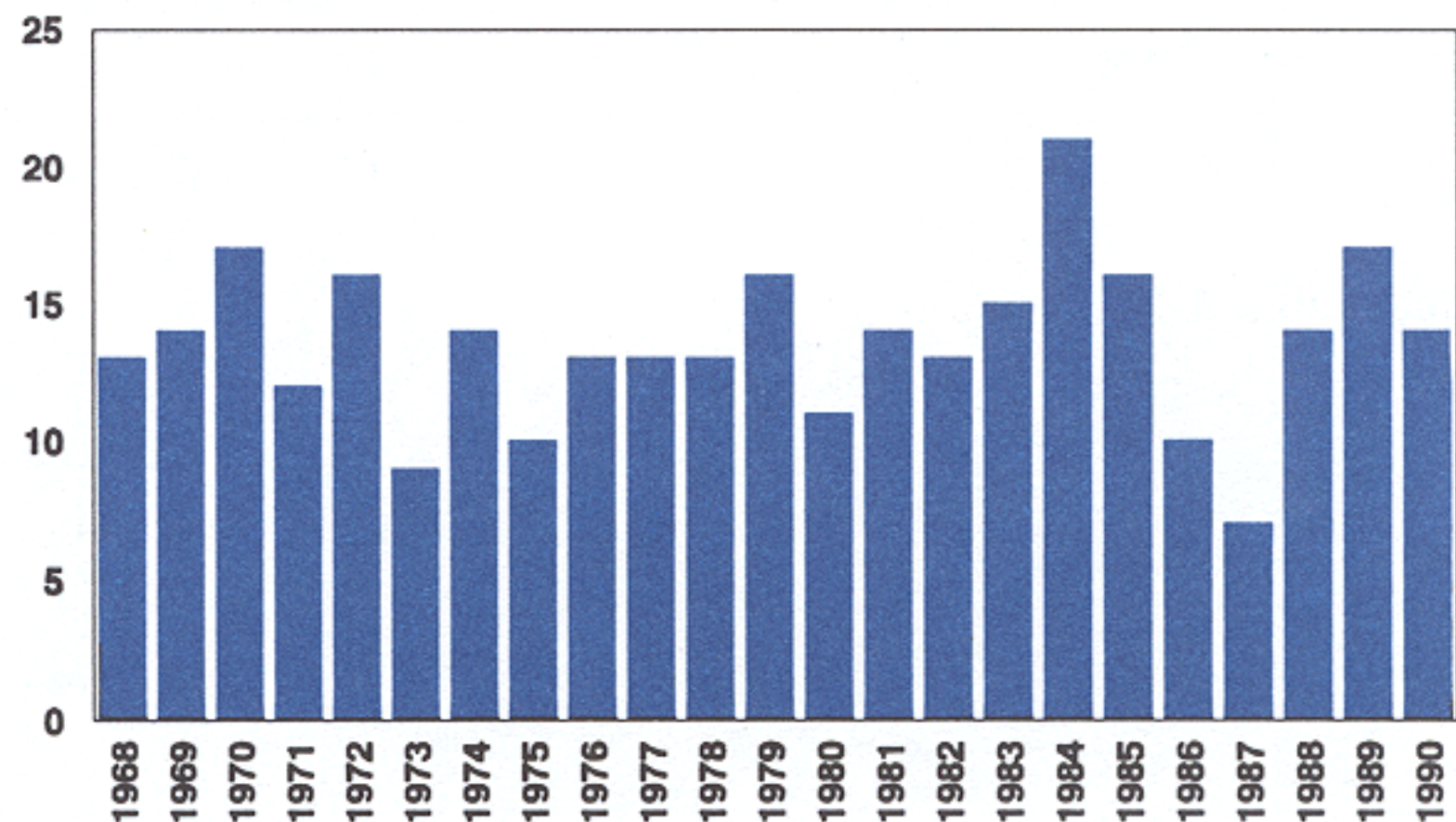
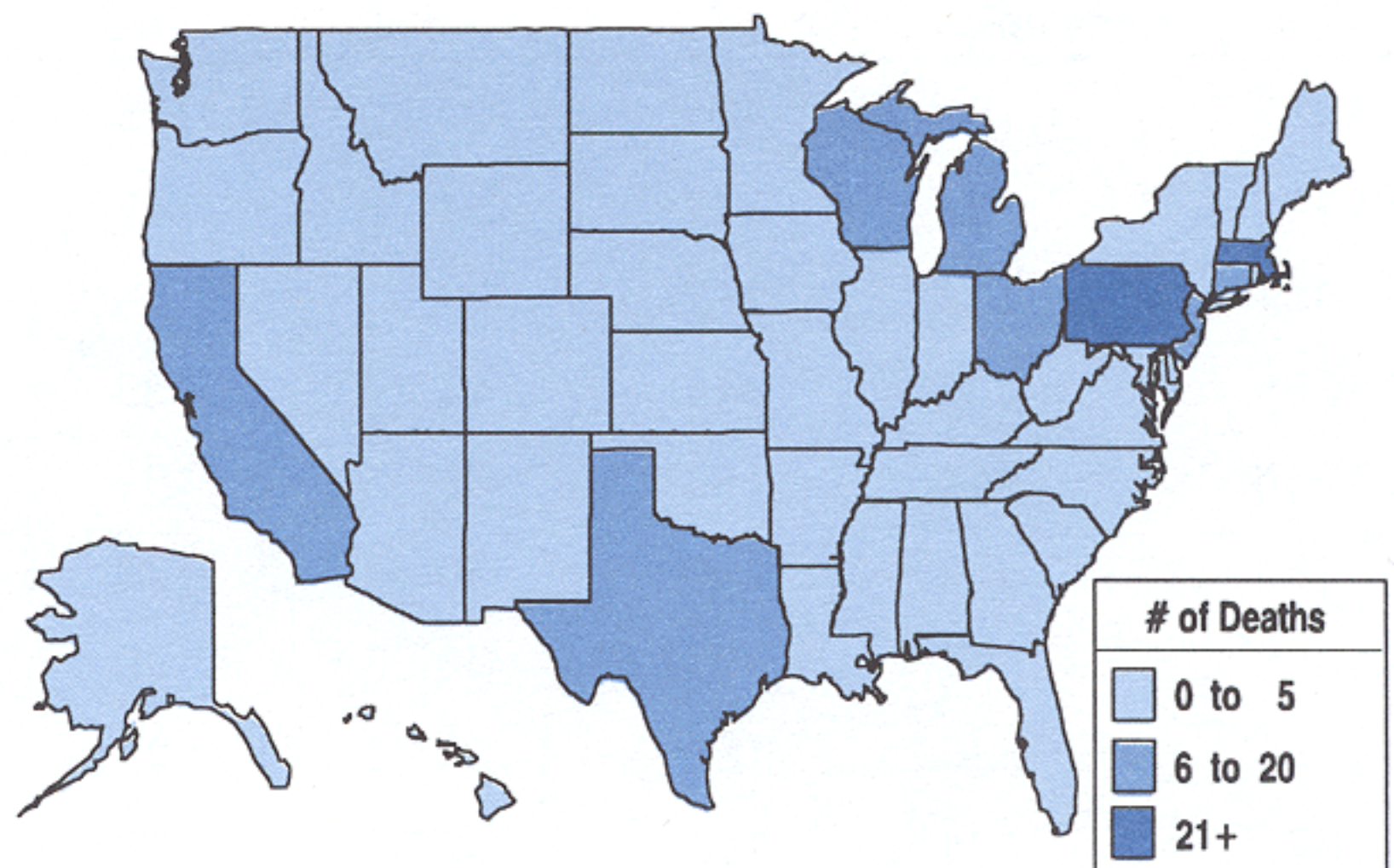


Figure 5-2. Pneumoconiosis due to other inorganic dust: number of deaths, U.S. residents age 15 and over, by state, 1979-1990



## PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

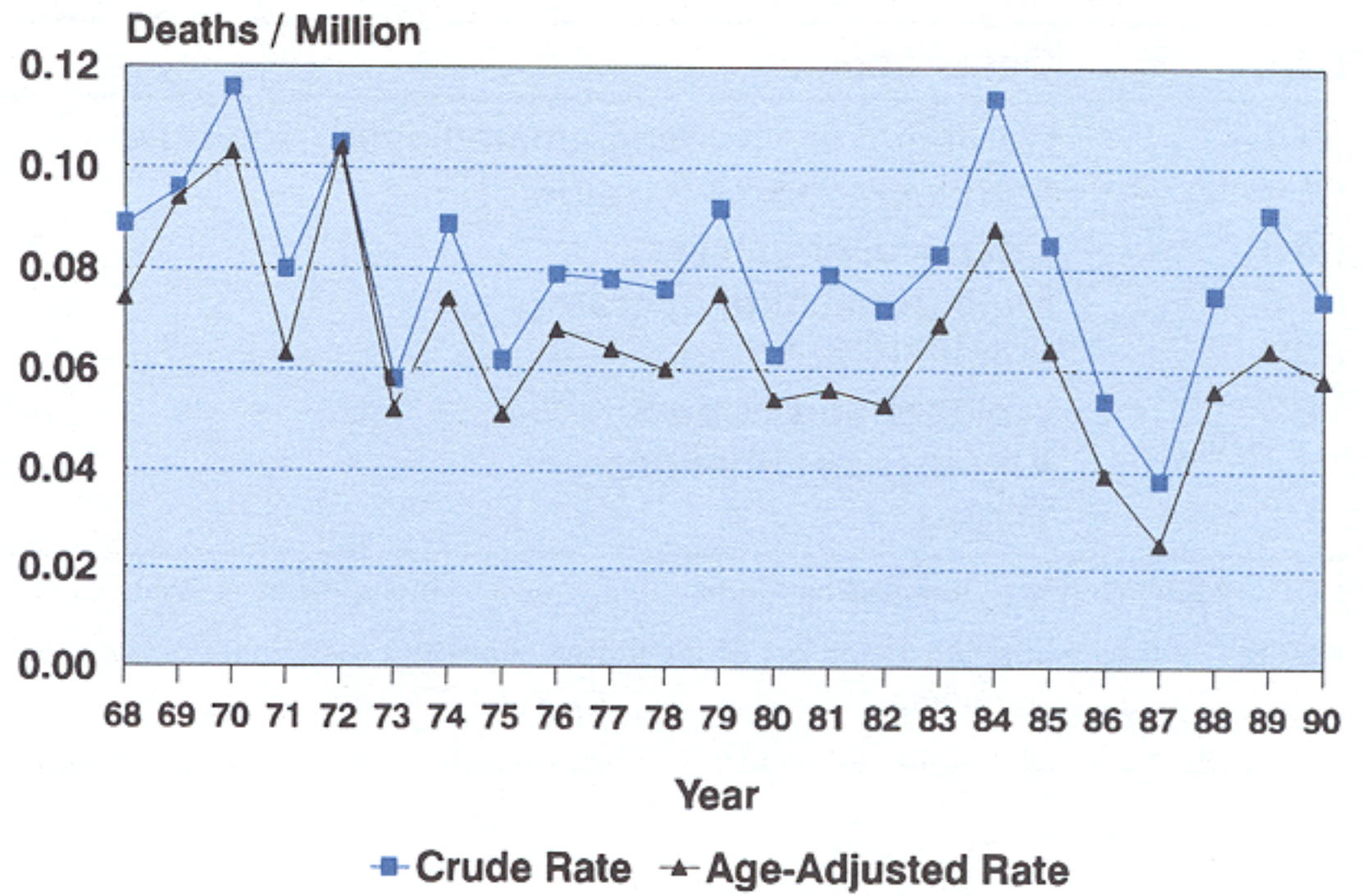
### Mortality

- The crude and age-adjusted mortality rates fluctuated between 1968 and 1990. Overall crude mortality rates decreased by 22%. The age-adjusted mortality rate also decreased by 14% from 1968 to 1990.

- See Tables 5-6 and 5-7 for data.

- See Appendix B for methods.

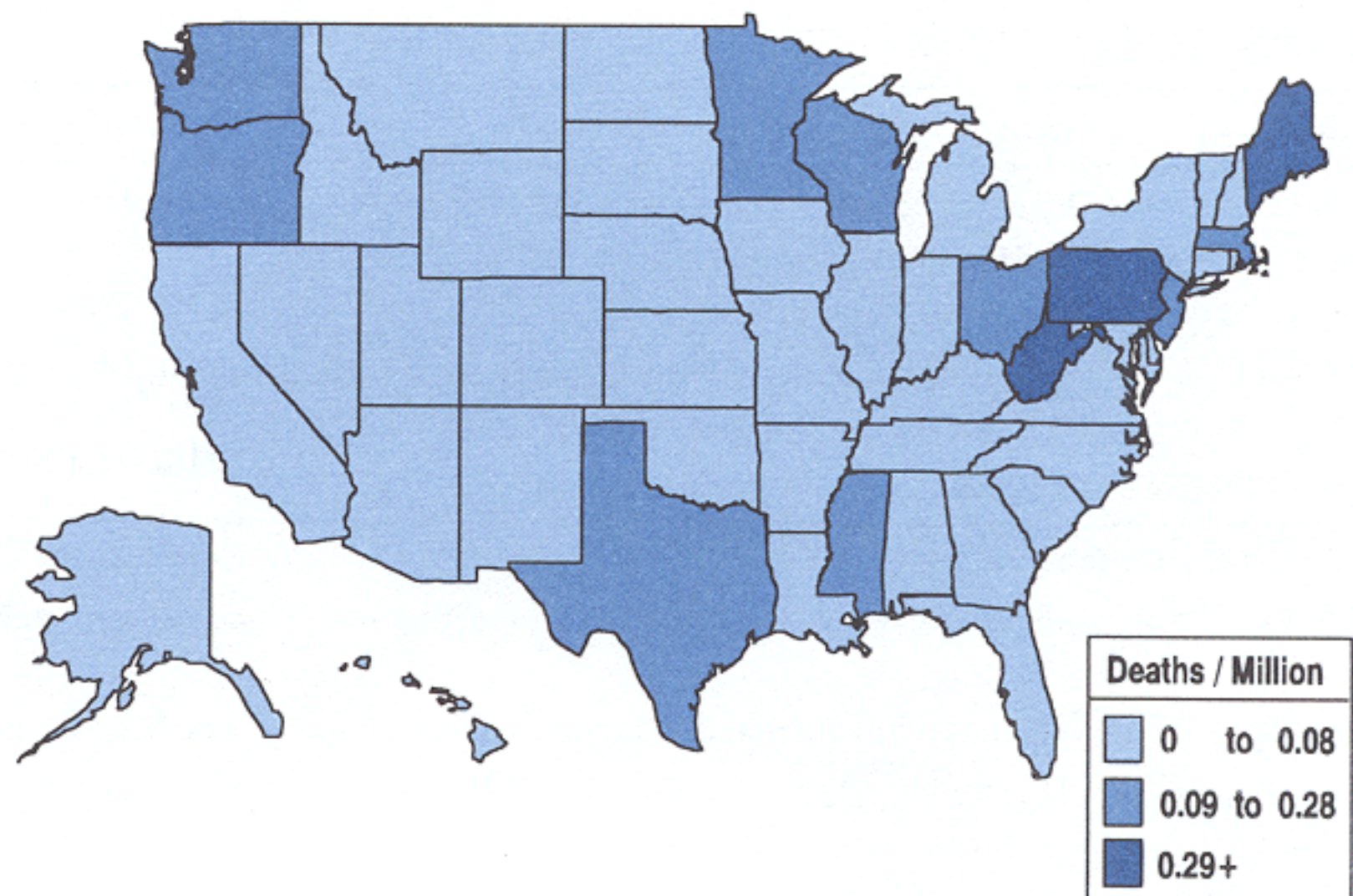
**Figure 5-3. Pneumoconiosis due to other inorganic dust: crude and age-adjusted mortality rates, U.S. residents age 15 and over, 1968-1990**



- The crude mortality rates for pneumoconiosis due to other inorganic dust were less than one death per million in all states. States which ranked in the top five in this period were District of Columbia, Maine, Pennsylvania, West Virginia, and Washington.

- See Table 5-10 for data.

**Figure 5-4. Pneumoconiosis due to other inorganic dust: crude mortality rates, U.S. residents age 15 and over, by state, 1989-1990**



## **PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST**

### **Mortality**

**Table 5-1. Pneumoconiosis due to other inorganic dust: most frequently recorded occupations on death certificate, U.S. residents age 15 and over, selected states and years, 1985-1990**

COC	Occupation	Number	Percent
914	Homemaker, student, unemployed, volunteer	4	16.7
019	Managers, administrators, n.e.c.	2	8.3
048	Chemical engineers	2	8.3
616	Mining machine operators	2	8.3
637	Machinists	2	8.3
783	Welders and cutters	2	8.3
	All other occupations	10	41.7
	<b>TOTAL</b>	<b>24</b>	<b>100.0</b>

COC - 1980 Census Occupation Code                      n.e.c. - not elsewhere classified

NOTE: See Appendix C for list of 25 states reporting usual occupation and years reporting. Percentages may not total to 100% due to rounding.

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

**Table 5-2. Pneumoconiosis due to other inorganic dust: most frequently recorded industries on death certificate, U.S. residents age 15 and over, selected states and years, 1985-1990**

CIC	Industry	Number	Percent
961	Homemaker, student, unemployed, volunteer	4	16.7
041	Coal mining	2	8.3
060	Construction	2	8.3
342	Manufacturing of electrical machinery, equipment and supplies, n.e.c.	2	8.3
	All other industries	14	58.4
	<b>TOTAL</b>	<b>24</b>	<b>100.0</b>

CIC - 1980 Census Industry Code                      n.e.c. - not elsewhere classified

NOTE: See Appendix C for list of 25 states reporting usual industry and years reporting. Percentages may not total to 100% due to rounding.

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

**PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST**

**Mortality**

**Table 5-3. Pneumoconiosis due to other inorganic dust: number of deaths, U.S. residents age 15 and over, by age, race, and sex, 1968-1990**

Years		1968-1978		1979-1990		1989-1990	
Total Deaths		144	%	168	%	31	%
Sex	Male	97	67.4	117	69.6	24	77.4
	Female	47	32.6	51	30.4	7	22.6
Race	White	131	91.0	151	89.9	30	96.8
	Black	12	8.3	17	10.1	1	3.2
	Other	1	0.7	0	0.0	0	0.0
Race/Sex	White Male	86	59.7	100	59.5	23	74.2
	White Female	45	31.2	51	30.4	7	22.6
	Black Male	10	6.9	17	10.1	1	3.23
	Black Female	2	1.4	0	0.0	0	0.0
	Other Male	1	0.7	0	0.0	0	0.0
	Other Female	0	0.0	0	0.0	0	0.0
Age	Years						
	15-24	5	3.5	0	0.0	0	0.0
	25-34	5	3.5	4	2.4	0	0.0
	35-44	10	6.9	5	3.0	2	6.5
	45-54	34	23.6	13	7.7	3	9.7
	55-64	42	29.2	58	34.5	7	22.6
	65-74	28	19.4	50	29.8	11	35.5
	75-84	16	11.1	26	15.5	6	19.4
	85 and Over	4	2.8	12	7.1	2	6.5
	Mean	58.1		65.9		66.3	
Range	18-88		31-93		37-87		

NOTE: See Appendix B for methods. Percentages may not total to 100% due to rounding.

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

## PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

### Mortality

Table 5-4. Pneumoconiosis due to other inorganic dust: number of deaths, U.S. residents age 15 and over, by state, 1968-1978

State	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	TOTAL
Alabama	-	1	-	-	2	-	1	-	1	-	2	7
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	1	-	-	-	-	-	-	-	-	-	1
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
California	2	-	1	4	2	1	1	-	-	1	-	12
Colorado	1	-	1	-	-	-	-	-	-	-	-	2
Connecticut	-	1	-	-	-	-	-	-	-	-	-	1
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	-	2	2	-	1	-	1	1	-	-	7
Georgia	-	-	1	-	-	1	-	-	-	-	-	2
Hawaii	-	-	-	-	-	-	1	-	-	-	-	1
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	1	-	-	-	-	-	1	1	-	-	-	3
Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	1	-	-	-	-	-	-	-	1	-	-	2
Louisiana	-	-	-	-	-	-	1	-	-	-	-	1
Maine	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	1	-	-	-	-	-	1
Massachusetts	-	2	4	-	-	-	2	1	2	1	3	15
Michigan	1	1	-	1	-	-	2	1	2	-	1	9
Minnesota	-	-	1	-	-	-	-	-	-	1	-	2
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-
Missouri	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	2	1	4	1	2	1	-	-	1	3	-	15
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
New York	-	-	-	1	-	1	2	-	1	-	-	5
North Carolina	-	-	-	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	3	2	1	3	6	1	1	1	2	1	4	25
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	1	-	-	-	1
Pennsylvania	2	4	-	-	2	2	-	3	2	2	1	18
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	1	-	1
Tennessee	-	-	-	-	-	-	-	1	-	-	-	1
Texas	-	1	1	-	2	-	-	-	-	1	1	6
Utah	-	-	-	-	-	-	-	-	-	1	-	1
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	1	-	-	-	1	-	-	-	-	2
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-	-	-	-	-	1	1
Wyoming	-	-	-	-	-	-	1	-	-	-	-	1
<b>TOTAL</b>	<b>13</b>	<b>14</b>	<b>17</b>	<b>12</b>	<b>16</b>	<b>9</b>	<b>14</b>	<b>10</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>144</b>

NOTE: See Appendix B for methods.

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

- indicates quantity zero.

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**Mortality**

**Table 5-5. Pneumoconiosis due to other inorganic dust: number of deaths, U.S. residents age 15 and over, by state, 1979-1990**

State	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
Alabama	2	-	-	-	1	-	1	-	-	-	-	-	4
Alaska	-	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-	-
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-	-
California	3	-	-	6	1	2	2	-	-	-	-	-	14
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	1	3	1	1	1	1	-	-	-	1	-	-	9
Delaware	-	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	1	-	1
Florida	1	-	-	-	1	-	-	-	1	-	1	-	4
Georgia	-	-	2	-	-	-	1	-	-	-	-	-	3
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	-	1	-	-	-	-	-	1	-	-	1	-	3
Indiana	-	-	-	-	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-	-
Kentucky	1	-	-	2	-	-	-	-	1	-	-	-	4
Louisiana	-	-	-	-	-	-	1	1	1	-	-	-	3
Maine	-	-	-	-	-	1	-	-	-	-	1	-	2
Maryland	1	-	1	-	-	-	-	-	-	1	-	-	3
Massachusetts	1	1	4	1	4	4	1	1	1	2	1	-	21
Michigan	1	-	-	1	-	1	-	-	-	2	-	1	6
Minnesota	-	-	-	-	-	-	-	1	-	-	1	-	2
Mississippi	-	-	-	-	-	-	-	-	-	-	1	-	1
Missouri	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	1	1	-	-	-	-	-	2
New Jersey	1	2	1	-	2	3	-	1	1	-	1	1	13
New Mexico	-	-	-	-	-	-	-	-	-	1	-	-	1
New York	-	-	1	-	1	1	1	-	-	1	-	-	5
North Carolina	1	-	-	-	-	-	-	1	-	2	-	-	4
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	2	2	2	-	2	2	-	2	2	-	-	4	18
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	1	-	1
Pennsylvania	1	-	2	1	2	2	3	1	-	1	5	4	22
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	-	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	-	-	-	-	-	2	-	-	1	2	1	6
Utah	-	-	-	-	-	-	-	1	-	-	-	-	1
Vermont	-	-	-	-	-	-	-	-	-	1	-	-	1
Virginia	-	2	-	-	-	1	2	-	-	-	-	-	5
Washington	-	-	-	-	-	1	1	-	-	-	1	1	4
West Virginia	-	-	-	-	-	-	-	-	-	1	-	1	2
Wisconsin	-	-	-	-	-	1	-	-	-	-	-	1	2
Wyoming	-	-	-	1	-	-	-	-	-	-	-	-	1
<b>TOTAL</b>	<b>16</b>	<b>11</b>	<b>14</b>	<b>13</b>	<b>15</b>	<b>21</b>	<b>16</b>	<b>10</b>	<b>7</b>	<b>14</b>	<b>17</b>	<b>14</b>	<b>168</b>

NOTE: See Appendix B for methods.

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

- indicates quantity zero.

**PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST**

**Mortality**

**Table 5-6. Pneumoconiosis due to other inorganic dust: crude mortality rates (per 1,000,000 population), U.S. residents age 15 and over, by race and sex, 1968-1990**

Year	Overall rate	White		Black	
		Males	Females	Males	Females
1968	0.09	0.18	0.02	-	0.11
1969	0.10	0.10	0.10	0.13	-
1970	0.12	0.18	0.09	-	-
1971	0.08	0.11	0.04	0.13	0.11
1972	0.10	0.12	0.09	0.24	-
1973	0.06	0.11	0.03	-	-
1974	0.09	0.15	0.03	0.11	-
1975	0.06	0.09	0.04	0.11	-
1976	0.08	0.10	0.07	0.11	-
1977	0.08	0.13	0.05	-	-
1978	0.08	0.06	0.08	0.30	-
1979	0.09	0.08	0.06	0.49	-
1980	0.06	0.08	0.05	0.09	-
1981	0.08	0.11	0.08	-	-
1982	0.07	0.15	-	0.18	-
1983	0.08	0.12	0.06	0.09	-
1984	0.11	0.13	0.10	0.25	-
1985	0.08	0.14	0.05	0.08	-
1986	0.05	0.09	0.04	-	-
1987	0.04	0.05	0.04	-	-
1988	0.08	0.06	0.07	0.30	-
1989	0.09	0.14	0.06	0.10	-
1990	0.07	0.15	0.02	-	-

NOTE: See Appendix B for methods.

SOURCE: National Center for Health Statistics multiple cause of death data tapes.  
U.S. Bureau of the Census: 1970-1990 population estimates of the U.S.

- indicates no deaths listed.

**PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST**

**Mortality**

**Table 5-7. Pneumoconiosis due to other inorganic dust: age-adjusted mortality rates (per 1,000,000 population), U.S. residents age 15 and over, by race and sex, 1968-1990**

Year	Overall rate	White		Black	
		Males	Females	Males	Females
1968	0.07	0.15	0.02	-	0.11
1969	0.09	0.09	0.10	0.15	-
1970	0.10	0.16	0.07	-	-
1971	0.06	0.08	0.04	0.10	0.12
1972	0.10	0.12	0.08	0.28	-
1973	0.05	0.10	0.02	-	-
1974	0.07	0.13	0.02	0.10	-
1975	0.05	0.08	0.03	0.13	-
1976	0.07	0.09	0.06	0.10	-
1977	0.06	0.11	0.04	-	-
1978	0.06	0.05	0.06	0.31	-
1979	0.08	0.07	0.04	0.54	-
1980	0.05	0.08	0.04	0.11	-
1981	0.06	0.08	0.04	-	-
1982	0.05	0.11	-	0.19	-
1983	0.07	0.10	0.06	0.07	-
1984	0.09	0.10	0.08	0.29	-
1985	0.06	0.11	0.04	0.10	-
1986	0.04	0.06	0.03	-	-
1987	0.02	0.04	0.02	-	-
1988	0.06	0.05	0.05	0.32	-
1989	0.06	0.11	0.03	0.10	-
1990	0.06	0.13	0.01	-	-

NOTE: See Appendix B for methods.

SOURCE: National Center for Health Statistics multiple cause of death data tapes.  
U.S. Bureau of the Census: 1970-1990 population estimates of the U.S.

- indicates no deaths listed.



## PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

### Mortality

Table 5-8. Pneumoconiosis due to other inorganic dust: years of potential life lost to age 65, U.S. residents age 15 and over, by race and sex, 1968-1990

Year	Total	White		Black	
		Males	Females	Males	Females
1968	105	85	15	-	5
1969	225	90	110	25	-
1970	170	130	40	-	-
1971	110	30	20	45	15
1972	310	200	80	30	-
1973	70	65	5	-	-
1974	85	55	15	0	-
1975	65	45	5	15	-
1976	110	80	30	0	-
1977	60	55	5	-	-
1978	60	15	20	25	-
1979	90	35	10	45	-
1980	70	50	15	5	-
1981	25	20	5	-	-
1982	30	30	-	0	-
1983	75	45	30	0	-
1984	120	50	55	15	-
1985	90	45	40	5	-
1986	55	10	45	-	-
1987	15	5	10	-	-
1988	50	5	15	30	-
1989	55	30	0	25	-
1990	75	75	0	-	-

NOTE: See Appendix B for methods.

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

- indicates no deaths listed.

**PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST**

**Mortality**

**Table 5-9. Pneumoconiosis due to other inorganic dust: years of potential life lost to life expectancy, U.S. residents age 15 and over, by race and sex, 1968-1990**

Year	Total	White		Black	
		Males	Females	Males	Females
1968	239	177	29	-	18
1969	361	132	204	28	-
1970	367	227	128	-	-
1971	237	88	64	45	26
1972	485	263	165	43	-
1973	180	133	35	-	-
1974	253	158	44	8	-
1975	186	104	45	22	-
1976	269	147	111	9	-
1977	228	148	67	-	-
1978	214	54	113	48	-
1979	288	106	72	83	-
1980	218	112	82	16	-
1981	201	108	86	-	-
1982	189	140	-	22	-
1983	270	140	114	7	-
1984	403	155	186	48	-
1985	285	151	103	16	-
1986	181	82	95	-	-
1987	98	44	52	-	-
1988	232	66	94	57	-
1989	272	151	70	30	-
1990	252	209	22	-	-

NOTE: See Appendix B for methods.

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

- indicates no deaths listed.

# PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

## Mortality

Table 5-10. Pneumoconiosis due to other inorganic dust: number of deaths, crude and age-adjusted mortality rates (per 1,000,000 population), total years of potential life lost (YPLL), U.S. residents age 15 and over, by state, 1989-1990

State	Deaths		Crude mortality		Age-adjusted mortality		YPLL to age 65		YPLL to life expectancy	
	Rate	Rank	Rate	Rank	Rate	Rank	Years	Rank	Years	Rank
Alabama	-	17	-	17	-	17	-	17	-	17
Alaska	-	17	-	17	-	17	-	17	-	17
Arizona	-	17	-	17	-	17	-	17	-	17
Arkansas	-	17	-	17	-	17	-	17	-	17
California	-	17	-	17	-	17	-	17	-	17
Colorado	-	17	-	17	-	17	-	17	-	17
Connecticut	-	17	-	17	-	17	-	17	-	17
Delaware	-	17	-	17	-	17	-	17	-	17
District of Columbia	1	6	0.97	1	1.07	1	25	1	38	6
Florida	1	6	0.05	16	0.02	16	0	10	8	14
Georgia	-	17	-	17	-	17	-	17	-	17
Hawaii	-	17	-	17	-	17	-	17	-	17
Idaho	-	17	-	17	-	17	-	17	-	17
Illinois	1	6	0.06	15	0.03	14	0	10	8	14
Indiana	-	17	-	17	-	17	-	17	-	17
Iowa	-	17	-	17	-	17	-	17	-	17
Kansas	-	17	-	17	-	17	-	17	-	17
Kentucky	-	17	-	17	-	17	-	17	-	17
Louisiana	-	17	-	17	-	17	-	17	-	17
Maine	1	6	0.53	2	0.35	2	0	10	14	10
Maryland	-	17	-	17	-	17	-	17	-	17
Massachusetts	1	6	0.11	13	0.07	13	0	10	14	10
Michigan	1	6	0.07	14	0.03	14	0	10	8	14
Minnesota	1	6	0.15	10	0.16	8	5	7	21	8
Mississippi	1	6	0.26	6	0.18	7	0	10	14	10
Missouri	-	17	-	17	-	17	-	17	-	17
Montana	-	17	-	17	-	17	-	17	-	17
Nebraska	-	17	-	17	-	17	-	17	-	17
Nevada	-	17	-	17	-	17	-	17	-	17
New Hampshire	-	17	-	17	-	17	-	17	-	17
New Jersey	2	4	0.17	9	0.15	10	15	4	43	5
New Mexico	-	17	-	17	-	17	-	17	-	17
New York	-	17	-	17	-	17	-	17	-	17
North Carolina	-	17	-	17	-	17	-	17	-	17
North Dakota	-	17	-	17	-	17	-	17	-	17
Ohio	4	2	0.24	7	0.14	11	5	7	49	4
Oklahoma	-	17	-	17	-	17	-	17	-	17
Oregon	1	6	0.23	8	0.24	4	5	7	21	8
Pennsylvania	9	1	0.48	3	0.30	3	20	3	139	1
Rhode Island	-	17	-	17	-	17	-	17	-	17
South Carolina	-	17	-	17	-	17	-	17	-	17
South Dakota	-	17	-	17	-	17	-	17	-	17
Tennessee	-	17	-	17	-	17	-	17	-	17
Texas	3	3	0.12	12	0.11	12	15	4	51	3
Utah	-	17	-	17	-	17	-	17	-	17
Vermont	-	17	-	17	-	17	-	17	-	17
Virginia	-	17	-	17	-	17	-	17	-	17
Washington	2	4	0.28	5	0.22	5	25	1	52	2
West Virginia	1	6	0.36	4	0.22	5	0	10	14	10
Wisconsin	1	6	0.13	11	0.16	8	15	4	29	7
Wyoming	-	17	-	17	-	17	-	17	-	17

NOTE: See Appendix B for methods.

SOURCE: National Center for Health Statistics multiple cause of death data tapes.  
U.S. Bureau of the Census: 1989-1990 population estimates of the U.S.

- indicates no deaths listed.

## PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST

Mortality

**Table 5-11. Pneumoconiosis due to other inorganic dust: proportionate mortality ratios (PMR), based on underlying cause of death, by usual occupation for selected states, 1985-1990**

COC	Occupation	Number of deaths	PMR	95% confidence interval	
				LCL	UCL
914	Homemaker, student, unemployed, volunteer	3	1.00	0.21	2.93

COC - 1980 Census Occupation Code

LCL - lower confidence limit

UCL - upper confidence limit

NOTE: See Appendix B for methods and Appendix C for list of selected states.

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