Table 17.1

Mesothelioma

Age-Adjusted SEER Cancer Incidence Rates[a], 1980-2006

By Race, Sex and Year of Diagnosis

Year of Diagnosis

Race/Sex	1980-1981	1982-1983	1984-1985	1986-1987	1988-1989	1990-1991	1992-1993	1994-1995	1996-1997	1998-1999	2000-2001	2002-2003	2004-2006
All Races													
Both Sexes	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.0
Males													
All Ages	1.6	1.6	1.9	1.7	2.0	2.1	2.3	2.2	2.0	2.1	2.0	1.8	1.8
Ages 0-54	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1
Ages 55-64	3.7	3.7	4.5	3.5	3.1	4.4	3.7	3.3	4.2	3.7	2.6	2.9	2.8
Ages 65-74	8.2	7.2	8.6	8.3	11.8	9.6	10.6	10.3	9.0	9.8	9.3	7.7	8.1
Ages 75-84	10.0	11.7	12.0	12.6	12.7	17.2	16.1	17.9	15.2	16.8	19.5	17.3	16.4
Ages 85+	-	-	-	-	12.8	12.0	20.5	12.4	15.8	15.9	14.1	12.9	15.0
Females													
All Ages	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Ages 0-54	-	0.1	-	0.1	0.1	0.1	-	0.1	0.1	0.2	0.1	0.1	0.1
Ages 55-64	0.9	1.0	0.8	1.0	-	0.9	0.9	1.2	0.8	-	-	0.9	0.7
Ages 65-74	-	2.1	1.4	1.4	1.7	1.4	1.3	1.6	1.5	1.6	1.2	1.4	1.6
Ages 75-84	-	2.0	3.1	2.3	1.7	3.0	2.8	2.6	2.3	2.0	2.8	2.7	3.4
Ages 85+	-	-	-	-	-	-	-	-	-	-	2.9	-	1.9
Whites													
Both Sexes	0.9	1.0	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
Males	1.7	1.7	2.0	1.8	2.2	2.3	2.5	2.3	2.2	2.3	2.3	2.0	2.0
Females	0.3	0.5	0.4	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.5
Blacks													
Both Sexes	-	0.6	0.6	0.6	0.7	0.7	0.7	0.9	0.7	0.6	0.4	0.4	0.5
Males	-	-	-	-	-	1.5	1.3	1.8	1.1	1.3	-	-	0.8
Females	-	-	-	-	-	-	-	-	-	-	-	-	-

[a]   SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
     Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
-    Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 17.2
Mesothelioma

Age-adjusted SEER Incidence[a] Rates by Year, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Year of Diagnosis:									
1975	0.63	1.00	0.31	0.63	1.00	0.33	-	-	-
1976	0.67	1.13	0.35	0.71	1.21	0.36	-	-	-
1977	0.62	1.05	0.31	0.65	1.06	0.34	-	-	-
1978	0.73	1.37	0.25	0.79	1.50	0.25	-	-	-
1979	0.78	1.51	0.27	0.80	1.60	0.25	-	-	-
1980	0.98	1.83	0.35	1.05	1.97	0.39	-	-	-
1981	0.75	1.42	0.27	0.80	1.50	0.29	-	-	-
1982	0.83	1.42	0.38	0.90	1.53	0.42	-	-	-
1983	1.05	1.86	0.49	1.09	1.95	0.51	-	-	-
1984	1.06	2.04	0.36	1.15	2.24	0.37	-	-	-
1985	0.92	1.67	0.37	0.97	1.73	0.39	-	-	-
1986	0.94	1.67	0.43	1.01	1.79	0.49	-	-	-
1987	0.97	1.73	0.43	1.03	1.82	0.47	-	-	-
1988	0.98	1.85	0.39	1.05	1.98	0.41	-	-	-
1989	1.13	2.20	0.37	1.20	2.35	0.39	-	-	-
1990	1.15	2.15	0.46	1.25	2.32	0.50	-	-	-
1991	1.11	2.10	0.42	1.18	2.21	0.46	-	-	-
1992	1.23	2.48	0.39	1.33	2.71	0.42	-	-	-
1993	1.06	2.04	0.38	1.14	2.24	0.37	-	-	-
1994	1.16	2.17	0.43	1.24	2.32	0.46	1.06	-	-
1995	1.16	2.17	0.46	1.23	2.30	0.48	-	-	-
1996	1.15	2.14	0.45	1.27	2.38	0.50	-	-	-
1997	1.01	1.92	0.37	1.06	2.06	0.35	0.92	-	-
1998	1.08	2.06	0.40	1.18	2.23	0.47	-	-	-
1999	1.12	2.17	0.37	1.20	2.30	0.40	-	-	-
2000	1.08	2.11	0.34	1.22	2.37	0.38	-	-	-
2001	1.06	1.97	0.41	1.17	2.17	0.44	-	-	-
2002	1.02	1.93	0.38	1.15	2.16	0.43	-	-	-
2003	0.95	1.71	0.39	1.03	1.86	0.43	-	-	-
2004	1.10	2.03	0.44	1.22	2.26	0.47	-	-	-
2005	1.02	1.87	0.42	1.17	2.13	0.49	-	-	-
2006	0.93	1.57	0.44	1.02	1.73	0.47	-	-	-
1975-2006	1.00	1.87	0.39	1.08	2.02	0.42	0.57	1.03	0.26

[a]   SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
      Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
-     Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 17.3
Mesothelioma

SEER Incidence[a] Rates, Age-Adjusted and Age-Specific Rates, by Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
SEER Incidence									
Age at Diagnosis									
Age-Adjusted Rates, 2002-2006									
All ages	1.1	2.0	0.4	1.2	2.2	0.5	0.6	1.2	0.3
Under 65	0.3	0.4	0.2	0.3	0.5	0.2	0.2	0.3	0.1
65 and over	6.5	12.6	2.2	7.2	13.9	2.5	3.7	7.5	1.4
All ages (IARC world std)[b]	0.6	1.1	0.3	0.7	1.2	0.3	0.4	0.7	0.2
Age-Specific Rates, 2002-2006									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-	-
25-29	-	-	-	-	-	-	-	-	-
30-34	0.1	-	-	-	-	-	-	-	-
35-39	0.1	-	-	0.1	-	-	-	-	-
40-44	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-
45-49	0.3	0.4	0.2	0.3	0.4	0.3	-	-	-
50-54	0.7	0.8	0.5	0.7	0.9	0.6	0.7	-	-
55-59	1.3	2.0	0.7	1.4	2.2	0.7	0.9	-	-
60-64	2.5	4.1	1.0	2.7	4.6	1.0	1.6	-	-
65-69	3.7	6.7	1.2	4.2	7.4	1.4	1.6	3.5	-
70-74	5.9	10.7	2.0	6.6	12.0	2.2	3.3	5.7	-
75-79	8.4	16.1	2.9	9.3	17.6	3.3	4.9	10.2	-
80-84	9.6	19.2	3.6	10.5	21.0	3.9	5.5	11.4	-
85+	6.9	16.2	2.5	7.3	17.6	2.6	4.6	-	-

[a]   SEER 17 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.
[b]   Rates are per 100,000 and are age-adjusted to the IARC world standard population.
-    Statistic not shown. Rate based on less than 16 cases for the time interval.

Table 17.4
Mesothelioma

Survival Rates, by Race, Sex, Diagnosis Year, Stage and Age

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival Rates									
Year of Diagnosis:									
1960-1963[a]	-	-	-	-	-	-	-	-	-
1970-1973[a]	-	-	-	-	-	-	-	-	-
1975-1977[b]	10.4	3.1	27.9[f]	11.1	3.6	28.5[f]	-	-	-
1978-1980[b]	6.3	5.8	8.3	6.1	5.4	8.9	-	-	-
1981-1983[b]	8.3	5.7	15.6	8.7	5.8	16.7	-	-	-
1984-1986[b]	7.1	4.7	14.7	6.6	4.0	14.9	-	-	-
1987-1989[b]	6.6	4.8	13.0	6.7	4.9	13.1	4.5	-	-
1990-1992[b]	8.5	4.7	21.9	8.1	4.3	21.3	12.9[f]	12.0[f]	-
1993-1995[b]	7.0	3.5	19.6	6.3	3.0	18.9	9.5[f]	8.4[f]	-
1996-1998[b]	10.5	8.7	16.3	10.7	8.8	17.3	11.6[f]	-	-
1999-2005[b]	7.7	5.6	14.3[e]	7.0	5.0	13.6	16.5[f]	14.0[f]	-
5-Year Period Survival Rates[cd]									
Year of Diagnosis:									
1999-2005	7.3	5.7	11.9	6.8	5.3	11.4	9.2	7.0	-
5-Year Relative Survival Rates, 1999-2005[c]									
Age at Diagnosis:									
Ages <45	40.2	36.8[f]	43.7[f]	35.0[f]	34.7[f]	35.2[f]	-	-	-
Ages 45-54	16.5	10.7	24.9	15.8	10.1	24.3	27.2[f]	-	-
Ages 55-64	9.2	7.0	17.5	8.6	5.6	20.1	0.0	-	-
Ages 65-74	5.7	5.9	4.5	5.8	5.8	5.3	-	-	-
Ages 75+	2.8	2.4	4.2	2.8	2.4	4.4	0.0	0.0	-
Ages <65	14.8	10.4	25.2	13.5	9.2	24.3	20.4[f]	16.4[f]	-
Ages 65+	4.0	3.9	4.4	4.1	3.9	4.8	0.0	0.0	-

[a] Rates are based on End Results data from a series of hospital registries and one population-based registry.
[b] Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
     Rates are based on follow-up of patients into 2006.
[c] Rates are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta,
     San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and
     New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2005.
     The remaining 13 SEER Areas contribute cases for the entire period 1999-2005. Rates are based on follow-up of patients into 2006.
[d] Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates
     from several cohorts. It is computed here using three year calendar blocks (2003-2005: 0-1 year survival),
     (2002-2004: 1-2 year survival), (2001-2003: 2-3 year survival), (2000-2002: 3-4 year survival), (1999-2001: 4-5 years survival).
[e] The difference in rates between 1975-1977 and 1999-2005 is statistically significant (p<.05).
[f] The standard error of the survival rate is between 5 and 10 percentage points.
[g] The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated due to fewer than 25 cases during the time period.

Table 17.5
Mesothelioma

Survival Rates[a]
By Year of Diagnosis

All Races, Males and Females

Year of Diagnosis

	1975–1979	1980–1984	1985–1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Survival Rates (SEER[b])																			
1-year	37.4	39.0	37.9	40.8	35.6	41.0	33.3	39.1	37.0	43.0	36.9	39.4	33.8	41.6	43.0	32.8	48.3	39.6	45.0
2-year	16.7	19.6	17.2	16.1	14.0	20.3	14.1	18.0	14.0	26.3	17.1	22.6	18.9	15.2	25.3	17.2	22.0	16.8	
3-year	11.1	12.3	11.2	10.9	11.9	13.2	9.1	12.7	12.1	17.8	10.7	15.8	13.1	10.5	15.3	7.1	16.2		
4-year	9.8	8.9	8.5	6.2	9.0	11.0	6.4	10.1	9.3	12.2	8.2	13.1	10.9	7.0	12.4	4.7			
5-year	8.4	7.6	7.1	6.2	8.9	9.9	4.4	8.8	7.6	10.6	6.7	13.1	9.2	3.0	12.3				
6-year	7.2	6.4	5.7	4.4	8.0	7.4	4.4	8.7	6.4	10.6	5.2	12.2	8.5	1.3					
7-year	6.9	5.9	5.0	3.2	7.7	7.0	4.4	8.2	5.6	9.2	3.4	11.9	8.2						
8-year	6.4	5.7	4.6	2.7	7.0	7.0	3.7	7.6	5.6	7.2	3.4	9.6							
9-year	6.2	5.5	4.5	2.7	5.2	7.0	3.7	7.6	4.4	5.5	3.0								
10-year	6.2	5.3	4.3	2.7	5.2	6.2	3.3	7.6	3.7	5.0									
11-year	6.2	5.3	4.3	2.7	5.0	5.8	3.3	7.6	3.7										
12-year	6.1	5.3	4.3	2.7	5.0	5.0	3.3	7.1											
13-year	6.0	5.3	4.3	2.7	5.0	5.0	2.9												
14-year	6.0	5.3	4.3	2.7	5.0	5.0													
15-year	6.0	5.2	4.3	2.7	4.5														
16-year	5.7	5.2	4.3	2.7															
17-year	5.7	5.2	4.3																
18-year	5.7	5.2																	
19-year	5.7	5.2																	
20-year	5.7	5.2																	

[a]   Survival rates are relative rates expressed as percents.
[b]   Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 17.6
Mesothelioma

Survival Rates[a]
By Year of Diagnosis

All Races, Males

Year of Diagnosis

	1975-1979	1980-1984	1985-1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Survival Rates (SEER[b])																			
1-year	35.8	37.5	36.1	37.2	31.4	36.6	35.4	34.7	36.3	46.3	34.2	35.3	32.0	42.0	39.1	31.8	47.4	38.5	44.8
2-year	12.0	16.6	14.8	12.8	8.6	15.4	14.0	11.5	11.2	25.9	14.6	18.5	14.6	14.3	21.7	16.3	18.6	15.8	
3-year	6.7	9.8	8.7	7.8	8.0	8.1	8.1	7.0	9.2	16.3	9.0	12.7	7.7	8.9	12.2	6.1	13.3		
4-year	5.7	7.1	6.2	4.5	4.3	6.4	5.3	4.0	6.1	11.3	6.6	10.5	5.4	6.5	9.6	2.7			
5-year	4.2	5.6	4.9	4.5	4.3	4.8	2.4	3.5	4.4	10.4	4.5	10.5	4.8	3.8	9.2				
6-year	3.5	4.7	3.4	3.3	4.3	2.9	2.4	3.5	3.7	10.4	2.4	8.7	4.8	1.6					
7-year	3.1	4.0	2.8	1.7	4.3	2.3	2.4	3.0	2.3	9.8	1.7	8.7	4.8						
8-year	2.5	3.8	2.8	0.9	4.3	2.3	1.0	2.4	2.3	7.1	1.7	5.4							
9-year	2.3	3.8	2.6	0.9	2.9	2.3	1.0	2.4	0.9	5.6	0.9								
10-year	2.3	3.8	2.4	0.9	2.9	1.9	1.0	2.4	0.0	4.8									
11-year	2.3	3.8	2.4	0.9	2.2	1.9	1.0	2.4	0.0										
12-year	2.3	3.8	2.4	0.9	2.2	1.9	1.0	2.1											
13-year	2.0	3.8	2.4	0.9	2.2	1.9	1.0												
14-year	2.0	3.8	2.4	0.9	2.2	1.9													
15-year	1.4	3.8	2.3	0.9	2.2														
16-year	1.4	3.8	2.3	0.9															
17-year	1.4	3.8	2.3																
18-year	1.4	3.8																	
19-year	1.4	3.8																	
20-year	1.4	3.8																	

[a] Survival rates are relative rates expressed as percents.
[b] Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 17.7
Mesothelioma

Survival Rates[a]
By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975-1979	1980-1984	1985-1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Relative Survival Rates (SEER[b])																			
1-year	42.5	43.9	44.0	53.1	50.7	60.3	25.9	57.2	39.2	32.6	48.6	54.8	41.9	39.7	54.6	36.1	50.6	43.3	45.4
2-year	31.5	29.9	25.3	27.2	33.1	41.8	14.5	44.3	23.6	27.3	27.8	37.7	37.5	19.2	35.6	20.0	32.0	20.1	
3-year	24.8	20.5	19.4	20.9	24.6	34.1	12.3	35.3	21.7	22.2	17.4	26.8	35.8	17.1	24.0	10.3	23.8		
4-year	22.2	15.0	16.0	11.9	24.6	30.3	10.3	33.9	20.1	14.9	14.7	22.6	34.0	8.8	20.3	10.3			
5-year	20.9	13.9	14.1	11.9	23.6	30.3	10.3	29.6	18.5	11.0	14.7	22.6	26.8	0.0	20.3				
6-year	18.1	11.3	12.9	7.5	19.0	26.2	10.3	28.0	16.2	9.2	14.7	22.6	21.6	0.0					
7-year	17.4	11.3	11.9	7.5	16.7	26.2	10.3	28.0	16.2	7.1	10.1	22.0	18.9						
8-year	17.1	11.3	9.8	7.5	14.4	26.2	10.3	26.5	16.2	7.1	10.1	22.0							
9-year	17.1	10.4	9.8	7.5	12.6	25.4	10.3	26.5	15.8	5.2	10.1								
11-year	16.2	8.6	9.8	7.5	12.6	22.8	10.3	26.3	15.8	5.2									
10-year	15.7	8.6	9.8	7.5	12.6	19.8	10.3	26.3	15.8										
12-year	15.7	8.6	9.8	7.5	12.6	16.0	10.3	24.5											
13-year	15.7	8.6	9.8	7.5	12.6	16.0	7.9												
14-year	15.7	8.6	9.8	7.5	12.6	16.0													
15-year	15.7	8.6	9.8	7.5	8.8														
16-year	15.7	8.6	9.8	7.5															
17-year	15.6	8.6	9.8																
18-year	15.6	8.6																	
19-year	15.6	8.6																	
20-year	15.6	8.6																	

[a] Survival rates are relative rates expressed as percents.
[b] Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table 17.8

Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Both Sexes, 2004-2006 By Race/Ethnicity

Race/	Current	Risk of Being Diagnosed with Cancer				Risk of Dying from Cancer	
		+10 yrs	+20 yrs	+30 yrs	Eventually	Eventually	
Ethnicity	Age	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)	
All Races	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.13 (0.12, 0.13)	0.10 (0.10, 0.10)	
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.13 (0.12, 0.13)	0.10 (0.10, 0.10)	
	20	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.13 (0.12, 0.13)	0.10 (0.10, 0.10)	
	30	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.13 (0.12, 0.13)	0.10 (0.10, 0.10)	
	40	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.04 (0.04, 0.04)	0.13 (0.12, 0.14)	0.10 (0.10, 0.10)	
	50	0.01 (0.01, 0.01)	0.04 (0.03, 0.04)	0.09 (0.08, 0.09)	0.13 (0.13, 0.14)	0.10 (0.10, 0.10)	
	60	0.03 (0.03, 0.03)	0.08 (0.08, 0.08)	0.12 (0.11, 0.13)	0.13 (0.12, 0.13)	0.10 (0.10, 0.11)	
	70	0.06 (0.06, 0.06)	0.10 (0.10, 0.11)	- (- , -)	0.11 (0.11, 0.12)	0.09 (0.09, 0.09)	
	80	0.06 (0.06, 0.07)	- (- , -)	- (- , -)	0.08 (0.07, 0.08)	0.06 (0.06, 0.07)	
White	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.14 (0.13, 0.14)	0.11 (0.10, 0.11)	
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.14 (0.13, 0.15)	0.11 (0.11, 0.11)	
	20	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.14 (0.13, 0.15)	0.11 (0.11, 0.11)	
	30	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.14 (0.14, 0.15)	0.11 (0.11, 0.11)	
	40	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.04 (0.04, 0.05)	0.14 (0.14, 0.15)	0.11 (0.11, 0.11)	
	50	0.01 (0.01, 0.01)	0.04 (0.04, 0.04)	0.09 (0.09, 0.10)	0.14 (0.14, 0.15)	0.11 (0.11, 0.11)	
	60	0.03 (0.03, 0.03)	0.09 (0.08, 0.09)	0.13 (0.13, 0.14)	0.14 (0.13, 0.15)	0.11 (0.11, 0.11)	
	70	0.07 (0.06, 0.07)	0.11 (0.11, 0.12)	- (- , -)	0.12 (0.12, 0.13)	0.10 (0.10, 0.10)	
	80	0.07 (0.06, 0.07)	- (- , -)	- (- , -)	0.08 (0.08, 0.09)	0.07 (0.06, 0.07)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.07 (0.06, 0.08)	0.04 (0.03, 0.04)	
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.07 (0.06, 0.09)	0.04 (0.03, 0.04)	
	20	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.07 (0.06, 0.09)	0.04 (0.03, 0.04)	
	30	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.07 (0.06, 0.09)	0.04 (0.03, 0.04)	
	40	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.03 (0.02, 0.03)	0.07 (0.06, 0.09)	0.04 (0.03, 0.04)	
	50	0.01 (0.01, 0.01)	0.03 (0.02, 0.03)	0.05 (0.04, 0.07)	0.08 (0.06, 0.09)	0.04 (0.04, 0.05)	
	60	0.02 (0.01, 0.03)	0.05 (0.04, 0.06)	0.07 (0.06, 0.09)	0.07 (0.06, 0.09)	0.04 (0.03, 0.05)	
	70	0.04 (0.03, 0.05)	0.06 (0.05, 0.08)	- (- , -)	0.07 (0.05, 0.09)	0.04 (0.03, 0.04)	
	80	0.04 (0.03, 0.06)	- (- , -)	- (- , -)	0.05 (0.03, 0.07)	0.03 (0.02, 0.04)	

Table 17.8 - continued
Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Both Sexes, 2004-2006 By Race/Ethnicity

SEER Cancer Statistics Review 1975-2006

National Cancer Institute

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer										Risk of Dying from Cancer		
		+10 yrs			+20 yrs			+30 yrs			Eventually			Eventually	
		Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent (95% C.I.)
Asian/	0	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.05	(0.04,	0.07)	0.02 (0.02, 0.04)
Pacific	10	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.05	(0.04,	0.07)	0.02 (0.02, 0.04)
Islander	20	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.05	(0.04,	0.08)	0.02 (0.02, 0.04)
	30	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.01	(0.00,	0.01)	0.05	(0.04,	0.08)	0.02 (0.02, 0.04)
	40	0.00	(0.00,	0.00)	0.01	(0.00,	0.01)	0.02	(0.01,	0.02)	0.05	(0.04,	0.08)	0.02 (0.02, 0.04)
	50	0.00	(0.00,	0.01)	0.01	(0.01,	0.02)	0.03	(0.02,	0.04)	0.05	(0.03,	0.07)	0.02 (0.02, 0.04)
	60	0.01	(0.01,	0.02)	0.02	(0.02,	0.03)	0.04	(0.03,	0.06)	0.04	(0.03,	0.07)	0.02 (0.01, 0.04)
	70	0.01	(0.01,	0.02)	0.03	(0.02,	0.05)	–	(– ,	–)	0.04	(0.02,	0.07)	0.02 (0.01, 0.04)
	80	0.02	(0.01,	0.04)	–	(– ,	–)	–	(– ,	–)	0.03	(0.01,	0.06)	0.01 (0.00, 0.04)
American	0	0.00	(0.00,	0.02)	0.00	(0.00,	0.02)	0.00	(0.00,	0.02)	0.10	(0.04,	0.44)	0.04 (0.02, 0.12)
Indian/	10	0.00	(0.00,	0.01)	0.00	(0.00,	0.01)	0.00	(0.00,	0.01)	0.10	(0.05,	0.44)	0.04 (0.02, 0.13)
Alaska	20	0.00	(0.00,	0.01)	0.00	(0.00,	0.01)	0.01	(0.00,	0.03)	0.10	(0.05,	0.45)	0.04 (0.02, 0.13)
Native[a]	30	0.00	(0.00,	0.01)	0.01	(0.00,	0.03)	0.02	(0.01,	0.05)	0.10	(0.05,	0.45)	0.04 (0.02, 0.13)
	40	0.01	(0.00,	0.02)	0.02	(0.01,	0.05)	0.04	(0.02,	0.09)	0.10	(0.05,	0.47)	0.04 (0.02, 0.13)
	50	0.02	(0.00,	0.05)	0.04	(0.01,	0.09)	0.07	(0.03,	0.15)	0.10	(0.04,	0.48)	0.04 (0.02, 0.14)
	60	0.02	(0.00,	0.07)	0.06	(0.02,	0.14)	0.09	(0.03,	0.22)	0.09	(0.03,	0.50)	0.04 (0.02, 0.15)
	70	0.04	(0.01,	0.12)	0.08	(0.02,	0.22)	–	(– ,	–)	0.08	(0.02,	0.56)	0.04 (0.01, 0.17)
	80	0.06	(0.01,	0.23)	–	(– ,	–)	–	(– ,	–)	0.06	(0.01,	0.72)	0.01 (0.00, 0.21)
Hispanic[b]	0	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.13	(0.11,	0.16)	0.06 (0.05, 0.07)
	10	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.14	(0.12,	0.16)	0.06 (0.05, 0.07)
	20	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.14	(0.12,	0.16)	0.06 (0.05, 0.07)
	30	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.01	(0.01,	0.02)	0.14	(0.12,	0.17)	0.06 (0.05, 0.07)
	40	0.00	(0.00,	0.01)	0.01	(0.01,	0.02)	0.03	(0.03,	0.04)	0.14	(0.12,	0.17)	0.06 (0.05, 0.08)
	50	0.01	(0.01,	0.01)	0.03	(0.02,	0.04)	0.08	(0.07,	0.09)	0.14	(0.12,	0.17)	0.06 (0.05, 0.08)
	60	0.02	(0.02,	0.03)	0.07	(0.06,	0.09)	0.12	(0.10,	0.14)	0.13	(0.11,	0.17)	0.06 (0.05, 0.07)
	70	0.06	(0.05,	0.07)	0.11	(0.09,	0.13)	–	(– ,	–)	0.12	(0.10,	0.16)	0.06 (0.05, 0.07)
	80	0.07	(0.05,	0.10)	–	(– ,	–)	–	(– ,	–)	0.09	(0.07,	0.13)	0.03 (0.03, 0.05)

Devcan Version 6.4.0, April 2009, National Cancer Institute (http://srab.cancer.gov/devcan/).
Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.
[a] Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
[b] Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Underlying mortality data for Hispanics exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota.
- Statistic could not be calculated.
A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table 17.8 - continued
Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Males, 2004-2006 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer												Risk of Dying from Cancer		
		+10 yrs			+20 yrs			+30 yrs			Eventually			Eventually		
		Percent (	95% C.I.	)	Percent (	95% C.I.	)	Percent (	95% C.I.	)	Percent (	95% C.I.	)	Percent (	95% C.I.	)
All Races	0	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.21 (	0.20,	0.22)	0.17 (	0.16,	0.17)
	10	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.21 (	0.20,	0.22)	0.17 (	0.16,	0.17)
	20	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.21 (	0.20,	0.22)	0.17 (	0.17,	0.17)
	30	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.02 (	0.01,	0.02)	0.22 (	0.21,	0.23)	0.17 (	0.17,	0.18)
	40	0.00 (	0.00,	0.00)	0.02 (	0.01,	0.02)	0.06 (	0.06,	0.07)	0.22 (	0.21,	0.23)	0.17 (	0.17,	0.18)
	50	0.01 (	0.01,	0.02)	0.06 (	0.06,	0.07)	0.14 (	0.14,	0.15)	0.22 (	0.21,	0.23)	0.18 (	0.17,	0.18)
	60	0.05 (	0.05,	0.05)	0.14 (	0.13,	0.15)	0.21 (	0.20,	0.22)	0.23 (	0.21,	0.24)	0.18 (	0.18,	0.19)
	70	0.11 (	0.10,	0.11)	0.19 (	0.18,	0.20)	- (	- ,	-)	0.21 (	0.20,	0.22)	0.17 (	0.17,	0.18)
	80	0.13 (	0.11,	0.14)	- (	- ,	-)	- (	- ,	-)	0.15 (	0.14,	0.17)	0.13 (	0.12,	0.13)
White	0	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.23 (	0.22,	0.24)	0.18 (	0.18,	0.19)
	10	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.23 (	0.22,	0.25)	0.18 (	0.18,	0.19)
	20	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.01)	0.23 (	0.22,	0.25)	0.19 (	0.18,	0.19)
	30	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.01)	0.02 (	0.02,	0.02)	0.24 (	0.22,	0.25)	0.19 (	0.18,	0.19)
	40	0.00 (	0.00,	0.00)	0.02 (	0.02,	0.02)	0.07 (	0.06,	0.07)	0.24 (	0.23,	0.25)	0.19 (	0.19,	0.20)
	50	0.01 (	0.01,	0.02)	0.07 (	0.06,	0.07)	0.16 (	0.15,	0.17)	0.24 (	0.23,	0.26)	0.20 (	0.19,	0.20)
	60	0.06 (	0.05,	0.06)	0.15 (	0.14,	0.16)	0.23 (	0.22,	0.24)	0.25 (	0.23,	0.26)	0.20 (	0.19,	0.21)
	70	0.12 (	0.11,	0.13)	0.21 (	0.19,	0.22)	- (	- ,	-)	0.23 (	0.21,	0.24)	0.19 (	0.18,	0.19)
	80	0.13 (	0.12,	0.15)	- (	- ,	-)	- (	- ,	-)	0.16 (	0.15,	0.18)	0.14 (	0.13,	0.14)
Black	0	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.11 (	0.09,	0.14)	0.06 (	0.05,	0.07)
	10	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.11 (	0.09,	0.14)	0.06 (	0.06,	0.07)
	20	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.01)	0.11 (	0.09,	0.14)	0.06 (	0.06,	0.07)
	30	0.00 (	0.00,	0.00)	0.00 (	0.00,	0.01)	0.01 (	0.01,	0.02)	0.12 (	0.09,	0.15)	0.07 (	0.06,	0.08)
	40	0.00 (	0.00,	0.01)	0.01 (	0.01,	0.02)	0.04 (	0.03,	0.06)	0.12 (	0.10,	0.15)	0.07 (	0.06,	0.08)
	50	0.01 (	0.01,	0.02)	0.04 (	0.03,	0.06)	0.09 (	0.07,	0.11)	0.12 (	0.10,	0.16)	0.07 (	0.06,	0.08)
	60	0.04 (	0.03,	0.05)	0.09 (	0.07,	0.11)	0.13 (	0.10,	0.16)	0.13 (	0.10,	0.17)	0.07 (	0.06,	0.09)
	70	0.07 (	0.05,	0.09)	0.12 (	0.09,	0.16)	- (	- ,	-)	0.12 (	0.09,	0.17)	0.08 (	0.06,	0.09)
	80	0.09 (	0.06,	0.14)	- (	- ,	-)	- (	- ,	-)	0.09 (	0.06,	0.16)	0.06 (	0.05,	0.08)

Table 17.8 - continued

Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Males, 2004-2006 By Race/Ethnicity

SEER Cancer Statistics Review 1975-2006

National Cancer Institute

| Race/ | Current | Risk of Being Diagnosed with Cancer | | | | Risk of Dying from Cancer | |
| | | +10 yrs | +20 yrs | +30 yrs | Eventually | Eventually |
Ethnicity	Age	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)	Percent (95% C.I.)
Asian/	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.09 (0.06, 0.14)	0.04 (0.03, 0.08)
Pacific	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
Islander	20	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
	30	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.01 (0.00, 0.01)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
	40	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.02 (0.02, 0.04)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
	50	0.01 (0.00, 0.01)	0.02 (0.01, 0.04)	0.05 (0.03, 0.07)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
	60	0.02 (0.01, 0.03)	0.05 (0.03, 0.07)	0.08 (0.06, 0.11)	0.09 (0.06, 0.14)	0.04 (0.03, 0.09)
	70	0.03 (0.02, 0.05)	0.07 (0.04, 0.10)	- (- , -)	0.08 (0.05, 0.14)	0.04 (0.02, 0.09)
	80	0.05 (0.03, 0.08)	- (- , -)	- (- , -)	0.06 (0.03, 0.13)	0.02 (0.01, 0.09)
American	0	0.00 (0.00, 0.04)	0.00 (0.00, 0.04)	0.00 (0.00, 0.04)	0.13 (0.05, 1.05)	0.04 (0.02, 0.28)
Indian/	10	0.00 (0.00, 0.02)	0.00 (0.00, 0.02)	0.00 (0.00, 0.03)	0.13 (0.05, 1.07)	0.04 (0.02, 0.29)
Alaska	20	0.00 (0.00, 0.02)	0.00 (0.00, 0.03)	0.01 (0.00, 0.04)	0.14 (0.05, 1.08)	0.04 (0.02, 0.29)
Native[a]	30	0.00 (0.00, 0.03)	0.01 (0.00, 0.04)	0.03 (0.01, 0.08)	0.14 (0.05, 1.11)	0.04 (0.02, 0.30)
	40	0.01 (0.00, 0.04)	0.03 (0.01, 0.08)	0.05 (0.01, 0.14)	0.14 (0.05, 1.15)	0.05 (0.02, 0.31)
	50	0.02 (0.00, 0.08)	0.05 (0.01, 0.14)	0.11 (0.03, 0.26)	0.14 (0.05, 1.20)	0.05 (0.02, 0.33)
	60	0.03 (0.00, 0.12)	0.09 (0.02, 0.26)	0.13 (0.04, 0.40)	0.13 (0.04, 1.30)	0.05 (0.02, 0.36)
	70	0.08 (0.01, 0.26)	0.13 (0.03, 0.44)	- (- , -)	0.13 (0.03, 1.54)	0.04 (0.01, 0.43)
	80	0.07 (0.00, 0.47)	- (- , -)	- (- , -)	0.07 (0.00, 2.12)	0.00 (0.00, 0.62)
Hispanic[b]	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.21 (0.17, 0.27)	0.11 (0.09, 0.13)
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.21 (0.17, 0.27)	0.11 (0.09, 0.13)
	20	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.21 (0.17, 0.28)	0.11 (0.09, 0.13)
	30	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.02 (0.01, 0.02)	0.21 (0.18, 0.28)	0.11 (0.09, 0.14)
	40	0.00 (0.00, 0.01)	0.02 (0.01, 0.02)	0.05 (0.04, 0.07)	0.22 (0.18, 0.28)	0.11 (0.09, 0.14)
	50	0.01 (0.01, 0.02)	0.05 (0.04, 0.06)	0.13 (0.11, 0.16)	0.22 (0.18, 0.29)	0.11 (0.09, 0.14)
	60	0.04 (0.03, 0.05)	0.13 (0.10, 0.15)	0.20 (0.17, 0.25)	0.22 (0.18, 0.29)	0.11 (0.09, 0.14)
	70	0.10 (0.08, 0.12)	0.19 (0.15, 0.23)	- (- , -)	0.20 (0.16, 0.28)	0.11 (0.09, 0.14)
	80	0.12 (0.09, 0.17)	- (- , -)	- (- , -)	0.15 (0.10, 0.25)	0.07 (0.05, 0.12)

Devcan Version 6.4.0, April 2009, National Cancer Institute (http://srab.cancer.gov/devcan/).
Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta,
San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and
New Jersey). Mortality data are from the NCHS public use data file for the total US.
[a] Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area)
counties.
[b] Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
Underlying mortality data for Hispanics exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota.
- Statistic could not be calculated.
A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table 17.8 - continued
Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Females, 2004-2006 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer						Risk of Dying from Cancer	
		+10 yrs		+20 yrs		+30 yrs		Eventually	Eventually
		Percent (95% C.I.)		Percent (95% C.I.)		Percent (95% C.I.)		Percent (95% C.I.)	Percent (95% C.I.)
All Races	0	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.05 (0.05, 0.06)	0.04 (0.03, 0.04)
	10	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.05 (0.05, 0.06)	0.04 (0.04, 0.04)
	20	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.05 (0.05, 0.06)	0.04 (0.04, 0.04)
	30	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.01 (0.01, 0.01)		0.05 (0.05, 0.06)	0.04 (0.04, 0.04)
	40	0.00 (0.00, 0.00)		0.01 (0.01, 0.01)		0.02 (0.01, 0.02)		0.05 (0.05, 0.06)	0.04 (0.04, 0.04)
	50	0.01 (0.00, 0.01)		0.01 (0.01, 0.02)		0.03 (0.03, 0.04)		0.05 (0.05, 0.06)	0.04 (0.03, 0.04)
	60	0.01 (0.01, 0.01)		0.03 (0.03, 0.03)		0.05 (0.04, 0.05)		0.05 (0.04, 0.05)	0.04 (0.03, 0.04)
	70	0.02 (0.02, 0.03)		0.04 (0.04, 0.04)		- (- , -)		0.04 (0.04, 0.05)	0.03 (0.03, 0.03)
	80	0.02 (0.02, 0.03)		- (- , -)		- (- , -)		0.03 (0.02, 0.03)	0.02 (0.02, 0.02)
White	0	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.06 (0.05, 0.06)	0.04 (0.04, 0.04)
	10	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.06 (0.05, 0.07)	0.04 (0.04, 0.04)
	20	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.06 (0.05, 0.07)	0.04 (0.04, 0.04)
	30	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.01 (0.01, 0.01)		0.06 (0.05, 0.07)	0.04 (0.04, 0.04)
	40	0.00 (0.00, 0.00)		0.01 (0.01, 0.01)		0.02 (0.02, 0.02)		0.06 (0.05, 0.06)	0.04 (0.04, 0.04)
	50	0.01 (0.01, 0.01)		0.02 (0.01, 0.02)		0.04 (0.03, 0.04)		0.06 (0.05, 0.06)	0.04 (0.04, 0.04)
	60	0.01 (0.01, 0.01)		0.03 (0.03, 0.04)		0.05 (0.04, 0.06)		0.05 (0.05, 0.06)	0.04 (0.04, 0.04)
	70	0.02 (0.02, 0.03)		0.04 (0.04, 0.05)		- (- , -)		0.05 (0.04, 0.05)	0.03 (0.03, 0.04)
	80	0.03 (0.02, 0.03)		- (- , -)		- (- , -)		0.03 (0.03, 0.04)	0.02 (0.02, 0.03)
Black	0	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	10	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	20	0.00 (0.00, 0.00)		0.00 (0.00, 0.00)		0.00 (0.00, 0.01)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	30	0.00 (0.00, 0.00)		0.00 (0.00, 0.01)		0.01 (0.00, 0.01)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	40	0.00 (0.00, 0.00)		0.01 (0.00, 0.01)		0.01 (0.01, 0.02)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	50	0.01 (0.00, 0.01)		0.01 (0.01, 0.02)		0.02 (0.01, 0.03)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	60	0.01 (0.00, 0.01)		0.02 (0.01, 0.03)		0.03 (0.02, 0.04)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	70	0.02 (0.01, 0.03)		0.02 (0.01, 0.04)		- (- , -)		0.03 (0.02, 0.05)	0.01 (0.01, 0.02)
	80	0.01 (0.01, 0.03)		- (- , -)		- (- , -)		0.02 (0.01, 0.05)	0.01 (0.00, 0.02)

Table 17.8 - continued
Mesothelioma (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years,
Lifetime Risk of Being Diagnosed with Cancer Given Alive and Cancer-Free at Current Age, and
Lifetime Risk of Dying from Cancer Given Alive at Current Age
Females, 2004-2006 By Race/Ethnicity

| | | Risk of Being Diagnosed with Cancer | | | | | | | | | | Risk of Dying from Cancer | | |
| Race/ | Current | +10 yrs | | | +20 yrs | | | +30 yrs | | | Eventually | | | Eventually | | |
Ethnicity	Age	Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent	(95% C.I.	)	Percent	(95% C.I.	)
Asian/	0	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
Pacific	10	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
Islander	20	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
	30	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
	40	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.01	(0.00,	0.02)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
	50	0.00	(0.00,	0.01)	0.01	(0.00,	0.01)	0.01	(0.00,	0.02)	0.01	(0.01,	0.06)	0.01	(0.00,	0.04)
	60	0.00	(0.00,	0.01)	0.01	(0.00,	0.02)	0.01	(0.00,	0.02)	0.01	(0.00,	0.06)	0.00	(0.00,	0.04)
	70	0.00	(0.00,	0.01)	0.01	(0.00,	0.02)	-	(- ,	-)	0.01	(0.00,	0.06)	0.00	(0.00,	0.05)
	80	0.00	(0.00,	0.02)	-	(- ,	-)	-	(- ,	-)	0.00	(0.00,	0.07)	0.00	(0.00,	0.05)
American	0	0.00	(0.00,	0.04)	0.00	(0.00,	0.04)	0.00	(0.00,	0.04)	0.07	(0.01,	0.65)	0.03	(0.01,	0.18)
Indian/	10	0.00	(0.00,	0.02)	0.00	(0.00,	0.02)	0.00	(0.00,	0.03)	0.07	(0.01,	0.66)	0.03	(0.01,	0.18)
Alaska	20	0.00	(0.00,	0.02)	0.00	(0.00,	0.03)	0.01	(0.00,	0.04)	0.07	(0.01,	0.66)	0.03	(0.01,	0.18)
Native[a]	30	0.00	(0.00,	0.03)	0.01	(0.00,	0.04)	0.02	(0.00,	0.06)	0.07	(0.01,	0.67)	0.03	(0.01,	0.19)
	40	0.01	(0.00,	0.04)	0.02	(0.00,	0.06)	0.03	(0.01,	0.12)	0.07	(0.01,	0.68)	0.03	(0.01,	0.19)
	50	0.01	(0.00,	0.06)	0.03	(0.00,	0.11)	0.04	(0.01,	0.14)	0.07	(0.01,	0.70)	0.03	(0.01,	0.20)
	60	0.02	(0.00,	0.10)	0.03	(0.00,	0.14)	0.06	(0.01,	0.24)	0.06	(0.01,	0.73)	0.03	(0.01,	0.21)
	70	0.01	(0.00,	0.12)	0.04	(0.00,	0.25)	-	(- ,	-)	0.04	(0.00,	0.81)	0.04	(0.01,	0.24)
	80	0.05	(0.00,	0.30)	-	(- ,	-)	-	(- ,	-)	0.05	(0.00,	1.06)	0.02	(0.00,	0.31)
Hispanic[b]	0	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	10	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	20	0.00	(0.00,	0.00)	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	30	0.00	(0.00,	0.00)	0.00	(0.00,	0.01)	0.01	(0.01,	0.01)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	40	0.00	(0.00,	0.01)	0.01	(0.01,	0.01)	0.02	(0.01,	0.02)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	50	0.01	(0.00,	0.01)	0.01	(0.01,	0.02)	0.03	(0.02,	0.05)	0.07	(0.05,	0.11)	0.02	(0.02,	0.04)
	60	0.01	(0.00,	0.01)	0.03	(0.02,	0.04)	0.06	(0.04,	0.08)	0.06	(0.04,	0.10)	0.02	(0.01,	0.03)
	70	0.02	(0.01,	0.04)	0.05	(0.04,	0.08)	-	(- ,	-)	0.06	(0.04,	0.11)	0.02	(0.01,	0.03)
	80	0.04	(0.02,	0.06)	-	(- ,	-)	-	(- ,	-)	0.05	(0.03,	0.10)	0.01	(0.01,	0.03)

Devcan Version 6.4.0, April 2009, National Cancer Institute (http://srab.cancer.gov/devcan/).
Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.
[a] Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
[b] Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
     Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
     Underlying mortality data for Hispanics exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota.
-   Statistic could not be calculated.
    A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table 17.9
Mesothelioma

SEER Incidence
Age-Adjusted Rates and Trends[a]
By Race/Ethnicity and Sex

SEER Incidence	SEER 17 Areas[b] Rate 2002-2006 Rate per 100,000 persons			SEER 13 Areas[b] Trend 1997-2006[c] AAPC (%)			SEER 9 Areas[b] Trend 1997-2006[d] AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	1.1	2.0	0.4	-1.2*	-1.7*	0.0	-1.2*	-1.8*	-0.1
White	1.2	2.2	0.5	-0.8*	-1.4*	0.4	-0.7	-1.6*	0.9*
White Hispanic[e]	1.1	1.8	0.5	-2.6*	-3.3*	–	–	–	–
White Non-Hispanic[e]	1.2	2.2	0.5	-0.7*	-1.2*	0.3	–	–	–
Black	0.6	1.2	0.3	-3.5*	–	–	-6.5*	-7.8*	–
Asian/Pacific Islander	0.3	0.6	0.1	–	–	–	–	–	–
Amer Ind/Alaska Nat[f]	–	–	–	–	–	–	–	–	–
Hispanic[e]	1.0	1.8	0.5	-2.4*	-3.1*	–	–	–	–

	The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.
–	Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
a	Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
b	The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta. The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia. The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.
c	The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.
d	The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.
e	Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
f	Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
*	The APC is significantly different from zero (p<.05).

Table 17.10
Mesothelioma

Age-Adjusted SEER Incidence Rates[a]
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females

SEER Incidence Rates[a], 2002-2006

	Total	Males	Females	Total	Males	Females	Total	Males	Females
Atlanta & Rural Georgia	0.57	1.10	0.24	0.74	1.35	0.33	–	–	–
Atlanta	0.59	1.12	0.25	0.75	1.38	0.35	–	–	–
Rural Georgia	–	–	–	–	–	–	–	–	–
California	0.99	1.82	0.38	1.12	2.04	0.42	0.72	1.41	–
Greater Bay Area	0.96	1.78	0.36	1.15	2.16	0.41	–	–	–
San Francisco-Oakland	0.98	1.85	0.35	1.20	2.26	0.42	–	–	–
San Jose-Monterey	0.90	1.63	0.37	1.06	1.98	0.39	–	–	–
Los Angeles	0.88	1.59	0.37	1.05	1.87	0.46	0.61	1.36	–
Greater California	1.06	1.94	0.39	1.14	2.08	0.42	0.89	1.77	–
Connecticut	1.24	2.28	0.52	1.32	2.42	0.54	–	–	–
Detroit	0.99	1.75	0.48	1.12	2.01	0.51	0.47	–	–
Hawaii	0.63	1.21	–	0.98	–	–	–	–	–
Iowa	0.74	1.26	0.37	0.74	1.28	0.36	–	–	–
Kentucky	0.78	1.39	0.36	0.81	1.43	0.37	–	–	–
Louisiana	1.32	2.41	0.53	1.44	2.60	0.59	0.99	1.85	–
New Jersey	1.54	2.95	0.61	1.68	3.18	0.67	0.71	1.40	–
New Mexico	0.92	1.49	0.46	0.90	1.45	0.47	–	–	–
Seattle-Puget Sound	1.51	2.83	0.55	1.60	3.02	0.54	–	–	–
Utah	0.88	1.43	0.40	0.91	1.48	0.41	–	–	–
9 SEER Areas[b]	1.00	1.82	0.41	1.12	2.03	0.46	0.45	0.74	0.27
11 SEER Areas[b]	0.97	1.76	0.40	1.10	1.99	0.45	0.50	0.91	0.24
13 SEER Areas[b]	0.97	1.76	0.40	1.10	1.99	0.45	0.50	0.91	0.24
17 SEER Areas[b]	1.07	1.96	0.43	1.18	2.16	0.47	0.64	1.22	0.28

[a]   Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)
[b]   The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.
       The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
       The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
       The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.
–   Statistic not shown. Rate based on less than 16 cases for the time interval.

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                                        Table 17.11
                                       Mesothelioma


                    Estimated United States Cancer Prevalence Counts^a on January 1, 2006
                             By Race/Ethnicity, Sex and Years Since Diagnosis
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Years Since Diagnosis		0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	25 to <30	0 to <16[e]	0 to <31[e]	>=31[g]	Complete[h]
Race	Sex										
All Races[b]	Both Sexes	2,774	552	349	226	161	123	3,725	4,194	+	+
	Males	2,022	314	80	62	89	36	2,429	2,603	+	+
	Females	752	238	269	164	72	87	1,296	1,591	+	+
White[b]	Both Sexes	2,585	485	297	211	150	99	3,414	3,834	+	+
	Males	1,893	281	68	47	78	23	2,253	2,389	+	+
	Females	692	204	229	164	72	76	1,161	1,445	+	+
Black[b]	Both Sexes	132	36	38	11	11	24	205	252	+	+
	Males	99	12	13	11	11	13	123	159	+	+
	Females	33	24	25	0	0	11	82	93	+	+
Asian/	Both Sexes	30	12	5	+	+	+	47	+	+	+
Pacific	Males	18	9	3	+	+	+	30	+	+	+
Islander[c]	Females	12	3	2	+	+	+	17	+	+	+
Hispanic[d]	Both Sexes	210	55	16	+	+	+	280	+	+	+
	Males	133	35	0	+	+	+	168	+	+	+
	Females	77	20	16	+	+	+	112	+	+	+

```
            Estimated prevalence percent^a on January 1, 2006, of the SEER 11 population diagnosed in the previous 16 years
                                     By Age at Prevalence, Race/Ethnicity and Sex
```

Age at Prevalence		All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	Age-Adjusted[f] All Ages
Race	Sex											
All Races[c]	Both Sexes	0.0011%	-	-	-	0.0002%	0.0005%	0.0017%	0.0033%	0.0067%	0.0056%	0.0011%
	Males	0.0014%	-	-	-	-	0.0004%	0.0019%	0.0046%	0.0121%	0.0119%	0.0017%
	Females	0.0007%	-	-	-	0.0003%	0.0006%	0.0014%	0.0022%	0.0026%	0.0022%	0.0007%
White[c]	Both Sexes	0.0013%	-	-	-	0.0003%	0.0006%	0.0018%	0.0038%	0.0081%	0.0059%	0.0013%
	Males	0.0017%	-	-	-	-	0.0004%	0.0021%	0.0053%	0.0142%	0.0124%	0.0020%
	Females	0.0009%	-	-	-	0.0003%	0.0007%	0.0016%	0.0025%	0.0033%	0.0024%	0.0008%
Black[c]	Both Sexes	0.0005%	-	-	-	-	-	0.0015%	0.0022%	-	-	0.0006%
	Males	0.0007%	-	-	-	-	-	-	-	-	-	0.0010%
	Females	0.0004%	-	-	-	-	-	-	-	-	-	0.0004%
Asian/	Both Sexes	0.0004%	-	-	-	-	-	-	-	-	0.0051%	0.0004%
Pacific	Males	0.0006%	-	-	-	-	-	-	-	-	0.0110%	0.0007%
Islander[c]	Females	0.0002%	-	-	-	-	-	-	-	-	-	0.0002%
Hispanic[d]	Both Sexes	0.0006%	-	-	-	-	0.0007%	0.0019%	0.0026%	0.0094%	0.0046%	0.0012%
	Males	0.0007%	-	-	-	-	-	0.0023%	0.0037%	0.0131%	-	0.0017%
	Females	0.0005%	-	-	-	-	-	0.0014%	-	0.0066%	-	0.0009%

a   US 2006 cancer prevalence counts are based on 2006 cancer prevalence proportions from the SEER registries and 1/1/2006
    US population estimates based on the average of 2005 and 2006 population estimates from the US Bureau of the Census.
    Prevalence was calculated using the First Malignant Primary Only for a person.
b c d   Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and
    Rural Georgia.
e   Maximum limited-duration prevalence: 31 years for 1975-2006 SEER 9 data; 16 years for 1990-2006 SEER 11 data
    (used to calculate prevalence for Hispanics and Asian Pacific Islanders).
f   Percentages are age-adjusted to the 2000 US Standard Population (19 age groups - Census P25-1130) by 5-year age groups.
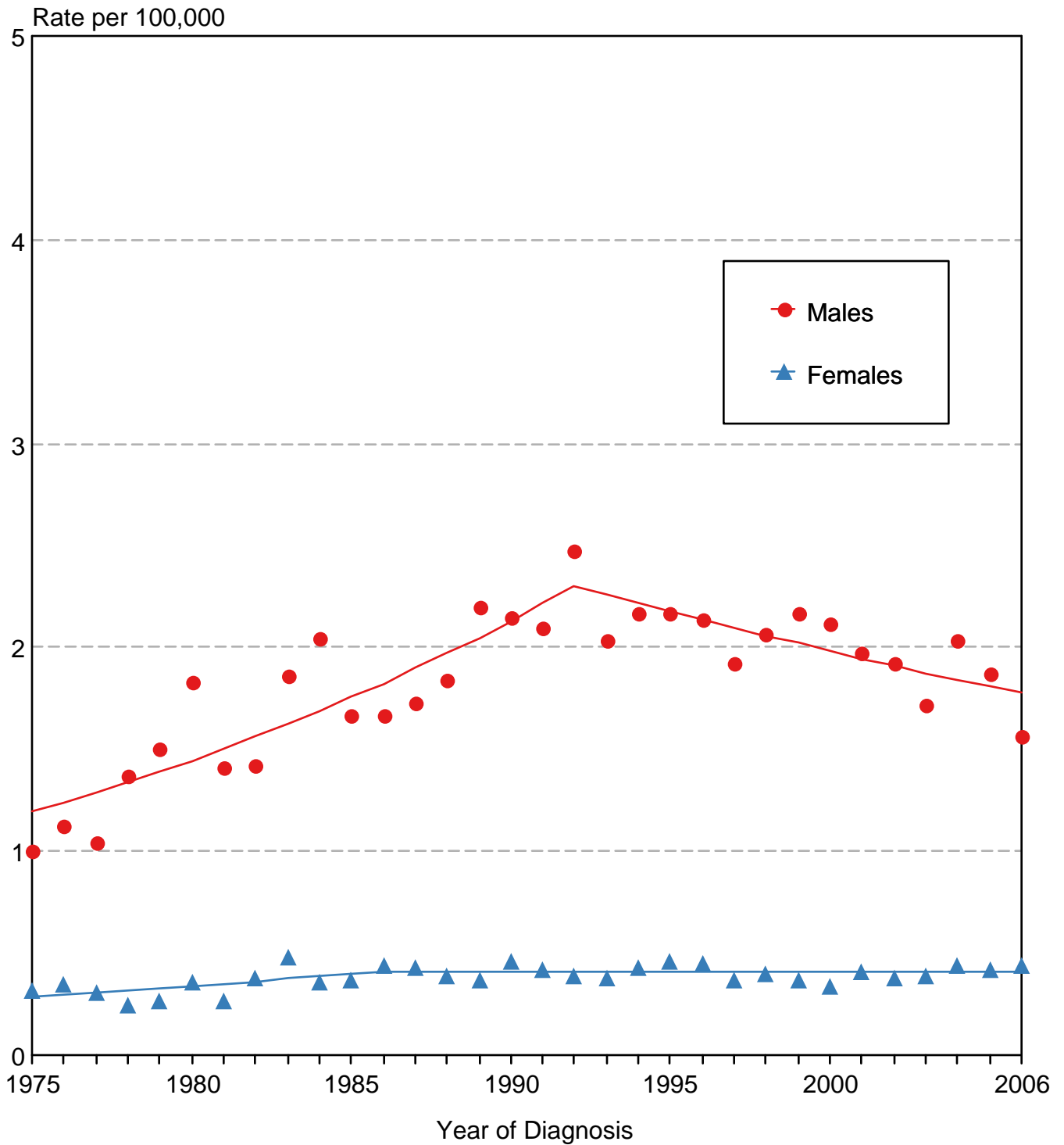g h i   (g) Cases diagnosed more than 31 years ago were estimated using the completeness index method (Capocaccia et. al. 1997,
    Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <31 and >=31. (i) Age-specific completeness index
    was approximated using empirical data from historical Connecticut tumor registry.
-   Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.
+   Not available.

Figure 17.1

Mesothelioma
SEER Incidence, 1975-2006
All Races, By Sex

Rate per 100,000

Males

Females

Year of Diagnosis