

Table 17.4
Mesothelioma

5-Year Relative and Period Survival (Percent) 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 (Percent)									
Year of Diagnosis:									
1960-1963 ^a	-	-	-	-	-	-	-	-	-
1970-1973 ^a	-	-	-	-	-	-	-	-	-
1975-1977 ^b	9.7	3.0	26.7	10.4	3.3	27.4 ^f	-	-	-
1978-1980 ^b	6.0	5.5	8.1	5.9	5.2	8.7	-	-	-
1981-1983 ^b	7.7	5.3	15.1	8.1	5.4	16.2	-	-	-
1984-1986 ^b	6.6	4.3	13.9	6.1	3.7	14.1	-	-	-
1987-1989 ^b	6.2	4.6	12.2	6.3	4.8	12.1	4.8	-	-
1990-1992 ^b	7.7	4.2	20.6	7.4	4.1	20.1	10.2 ^f	8.5 ^f	-
1993-1995 ^b	6.5	3.2	18.7	5.9	2.8	18.0	9.0	8.0 ^f	-
1996-1998 ^b	9.8	8.2	15.2	9.8	8.0	16.2	11.4 ^f	-	-
1999-2001 ^b	7.6	5.3	15.9	6.7	5.0	13.0	-	-	-
2002-2004 ^b	6.4	4.7	11.6	5.9	4.3	10.9	7.9 ^f	-	-
2005-2007 ^b	9.1	6.2	17.4	9.8	6.5	20.2	6.1 ^f	-	-
2008-2014 ^b	10.2	7.1 ^e	20.6	9.8	7.0 ^e	19.7	12.2	0.0	-
5-Year Period Survival (Percent) ^{cd}									
2014	9.3	6.7	17.0	8.9	6.6	15.8	14.7	7.7	31.7
5-Year Relative Survival (Percent), 2008-2014 ^c									
Age at Diagnosis:									
Ages <45	47.1	37.7 ^f	58.6 ^f	45.4 ^f	38.1 ^f	56.2 ^f	-	-	-
Ages 45-54	21.9	12.9	37.2 ^f	21.8	12.8	38.0 ^f	22.4 ^f	-	-
Ages 55-64	11.8	9.8	17.0	11.7	9.5	17.2	9.3 ^f	0.0	-
Ages 65-74	9.5	8.0	14.7	9.7	8.5	13.9	7.2	-	-
Ages 75+	3.6	2.8	6.1	3.3	2.4	6.4	5.0	2.2	-
Ages <65	17.9	12.9	28.9	17.4	12.8	27.8	23.4	13.3 ^f	34.9 ^f
Ages 65+	6.1	5.1	9.5	6.1	5.1	9.3	5.9	3.6	10.6 ^f

^a

Based on End Results data from a series of hospital registries and one population-based registry.

^b

SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2015. [Expected survival rates](#) are derived from the U.S. Annual Life Tables.^c

SEER 18 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, New Jersey and Georgia excluding ATL/RG). Expected survival rates are derived from life tables by socio-economic status, geography and race developed by the SEER program.

^d

Based on follow-up of patients into 2015.

Period survival provides a 2014 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2010-2012: 0-1 year survival),

(2009-2011: 1-2 year survival), (2008-2010: 2-3 year survival), (2007-2009: 3-4 year survival), (2006-2008: 4-5 years survival).

^e

The difference between 1975-1977 and 2008-2014 is statistically significant (p<.05).

^f

The standard error is between 5 and 10 percentage points.

^g

The standard error is greater than 10 percentage points.

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Statistic could not be calculated due to fewer than 25 cases during the time period.