

Table 15.4

Small Cell Cancer of the Lung and Bronchus<sup>a</sup>(Invasive) and Non-Small Cell Cancer of the Lung and Bronchus<sup>b</sup>(Invasive)

Trends in SEER 9 Observed Incidence<sup>c</sup> Using the Joinpoint Regression Program,  
1975-2016 With up to Five Joinpoints,  
By Race and Sex

		JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC <sup>d</sup>
		Years	APC	Years	APC	2012-16								
<b>SEER 9 Observed Incidence<sup>c</sup> for Small Cell Cancer of the Lung and Bronchus<sup>a</sup>, 1975-2016</b>														
All Races	Both Sexes	1975-82	6.2*	1982-89	1.1	1989-07	-2.3*	2007-16	-3.1*					-3.1*
All Races	Male	1975-81	5.6*	1981-88	0.0	1988-16	-3.1*							-3.1*
All Races	Female	1975-82	9.7*	1982-91	2.9*	1991-07	-1.6*	2007-16	-2.9*					-2.9*
White	Both Sexes	1975-82	6.4*	1982-89	1.3*	1989-07	-2.1*	2007-16	-3.1*					-3.1*
White	Male	1975-78	8.8*	1978-86	2.0*	1986-16	-3.0*							-3.0*
White	Female	1975-82	10.0*	1982-90	3.4*	1990-07	-1.3*	2007-16	-2.9*					-2.9*
Black	Both Sexes	1975-86	4.9*	1986-16	-2.5*									-2.5*
Black	Male	1975-85	5.0*	1985-16	-3.4*									-3.4*
Black	Female	1975-91	4.5*	1991-16	-1.9*									-1.9*
<b>SEER 9 Observed Incidence<sup>c</sup> for Non-Small Cell Cancer of the Lung and Bronchus<sup>b</sup>, 1975-2016</b>														
All Races	Both Sexes	1975-80	5.2*	1980-88	1.7*	1988-00	-0.9*	2000-03	6.2*	2003-16	-1.7*			-1.7*
All Races	Male	1975-80	4.4*	1980-87	0.6	1987-00	-2.0*	2000-03	5.1	2003-16	-2.5*			-2.5*
All Races	Female	1975-78	10.2*	1978-88	4.7*	1988-99	0.6	1999-05	3.8*	2005-16	-1.3*			-1.3*
White	Both Sexes	1975-79	6.1*	1979-88	1.9*	1988-00	-0.8*	2000-03	6.1*	2003-16	-1.7*			-1.7*
White	Male	1975-80	4.4*	1980-88	0.5	1988-99	-2.3*	1999-02	5.4	2002-16	-2.3*			-2.3*
White	Female	1975-78	10.4*	1978-88	4.9*	1988-00	0.7*	2000-03	7.1*	2003-16	-0.9*			-0.9*
Black	Both Sexes	1975-84	4.5*	1984-00	-1.2*	2000-03	5.8	2003-16	-2.4*					-2.4*
Black	Male	1975-84	3.9*	1984-00	-2.2*	2000-03	4.3	2003-16	-3.2*					-3.2*
Black	Female	1975-90	5.0*	1990-97	-1.5	1997-05	4.1*	2005-16	-1.9*					-1.9*

<sup>a</sup>Joinpoint Regression Program Version 4.7, February 2019, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Small Cell Cancer of the Lung and Bronchus includes histologies 8002, 8041-8045.

<sup>b</sup>Non-Small Cell Cancer of the Lung and Bronchus includes histologies 8003-8004, 8012-8015, 8021-8022, 8030-8035, 8046, 8050-8052, 8070-8076, 8078, 8082-8084, 8090, 8094, 8120, 8123, 8140-8141, 8143-8145, 8147, 8190, 8200-8201, 8211, 8240-8241, 8243-8246, 8249-8255, 8260, 8290, 8310, 8320, 8323, 8333, 8401, 8430, 8440, 8470-8471, 8480-8481, 8490, 8503, 8507, 8525, 8550, 8560, 8562, 8570-8572, 8574-8576.

<sup>c</sup>Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

<sup>d</sup>The APC/AAPC is significantly different from zero (p<.05).

<sup>\*</sup>Joinpoint regression line analysis could not be performed on data series.