

Table 4.7  
Cancer of the Female Breast (Invasive)

Delay-adjusted SEER Incidence<sup>a</sup> Rates by Year, Race and Age

Year of Diagnosis:	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
1975	105.07	40.62	273.82	107.33	40.68	281.86	93.58	42.98	226.09
1976	101.92	40.03	263.98	104.80	40.83	272.31	85.36	37.85	209.77
1977	100.83	39.11	262.44	103.44	39.40	271.12	87.03	37.62	216.41
1978	100.64	38.85	262.45	103.67	39.34	272.15	85.92	40.01	206.14
1979	102.13	38.04	269.96	104.75	38.63	277.88	86.90	37.85	215.34
1980	102.25	37.82	270.96	105.15	38.31	280.15	89.40	37.69	224.82
1981	106.35	39.22	282.13	109.95	40.16	292.70	94.20	38.66	239.64
1982	106.49	40.57	279.09	110.02	41.31	289.93	93.49	38.02	238.73
1983	111.18	40.27	296.85	114.52	40.91	307.28	103.62	41.39	266.58
1984	116.03	42.38	308.90	119.98	43.15	321.15	102.53	44.69	253.99
1985	124.30	44.38	333.59	127.93	44.50	346.40	111.80	45.56	285.25
1986	126.92	44.53	342.66	130.50	45.29	353.64	115.08	45.69	296.80
1987	134.56	45.55	367.63	140.39	46.56	386.11	109.59	43.19	283.47
1988	131.36	44.01	360.08	136.42	45.08	375.61	118.80	42.84	317.70
1989	127.28	43.41	346.89	132.52	44.55	362.87	105.11	42.24	269.75
1990	131.92	45.61	357.91	136.40	45.42	374.62	118.88	49.00	301.86
1991	133.94	47.28	360.87	139.08	47.32	379.36	117.59	50.97	292.05
1992	132.15	43.49	364.30	135.95	43.69	377.54	124.33	47.17	326.40
1993	129.31	42.88	355.61	133.35	43.37	368.97	119.73	45.23	314.81
1994	131.10	42.45	363.24	135.90	42.83	379.60	122.91	47.67	319.93
1995	132.76	43.24	367.17	137.91	43.85	384.22	124.15	45.62	329.77
1996	133.83	43.59	370.14	138.40	44.07	385.40	124.82	44.44	335.29
1997	138.13	43.58	385.73	143.03	44.23	401.76	125.56	44.48	337.85
1998	141.54	45.49	393.06	147.05	45.78	412.22	124.50	46.79	327.99
1999	141.71	43.89	397.86	147.49	45.23	415.27	126.12	44.00	341.17
2000	136.69	43.54	380.59	143.38	44.09	403.39	117.87	44.88	308.99
2001	138.99	44.03	387.67	145.34	44.96	408.18	115.98	40.02	314.90
2002	135.97	42.92	379.63	141.74	43.69	398.50	123.79	41.43	339.47
2003	127.20	43.42	346.59	132.28	44.46	362.26	124.37	43.49	336.15
2004	128.41	45.04	346.74	132.65	45.05	362.03	124.93	47.89	326.64
2005	126.88	44.18	343.45	131.95	44.70	360.43	119.30	45.94	311.38
2006	126.52	44.26	341.91	130.82	45.27	354.86	125.55	45.55	335.03
2007	128.51	45.34	346.30	132.92	45.95	360.66	125.35	45.38	334.76
2008	128.71	45.58	346.40	132.17	45.91	358.04	128.90	45.18	348.13
2009	131.13	45.59	355.13	134.99	46.15	367.60	130.31	46.24	350.43
2010	127.40	44.28	345.04	131.87	45.47	358.13	123.73	44.61	330.91

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [\(http://surveillance.cancer.gov/delay/\)](http://surveillance.cancer.gov/delay/).

<sup>a</sup> 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).  
- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.