

Table 4.16
Cancer of the Female Breast (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)	0.06	(0.05, 0.06)	12.08	(12.01, 12.15)	2.84	(2.82, 2.85)
	10	0.00	(0.00, 0.00)	0.06	(0.06, 0.06)	0.49	(0.48, 0.50)	12.21	(12.14, 12.28)	2.87	(2.86, 2.89)
	20	0.06	(0.05, 0.06)	0.49	(0.48, 0.50)	1.91	(1.89, 1.93)	12.24	(12.17, 12.31)	2.88	(2.86, 2.90)
	30	0.44	(0.43, 0.45)	1.86	(1.84, 1.88)	4.15	(4.12, 4.18)	12.25	(12.18, 12.32)	2.89	(2.87, 2.91)
	40	1.44	(1.43, 1.46)	3.75	(3.73, 3.78)	6.83	(6.79, 6.88)	11.96	(11.89, 12.03)	2.86	(2.84, 2.88)
	50	2.39	(2.37, 2.41)	5.57	(5.53, 5.62)	8.62	(8.56, 8.67)	10.87	(10.81, 10.94)	2.73	(2.71, 2.75)
	60	3.40	(3.37, 3.44)	6.65	(6.60, 6.70)	8.59	(8.53, 8.65)	9.06	(9.00, 9.13)	2.44	(2.42, 2.45)
	70	3.73	(3.69, 3.77)	5.96	(5.90, 6.02)	-	(- , -)	6.50	(6.44, 6.56)	2.01	(2.00, 2.03)
	80	3.04	(3.00, 3.08)	-	(- , -)	-	(- , -)	3.78	(3.72, 3.83)	1.53	(1.52, 1.55)
White	0	0.00	(0.00, 0.00)	0.00	(0.00, 0.00)	0.06	(0.05, 0.06)	12.54	(12.46, 12.61)	2.82	(2.81, 2.84)
	10	0.00	(0.00, 0.00)	0.06	(0.05, 0.06)	0.49	(0.47, 0.50)	12.66	(12.58, 12.73)	2.85	(2.84, 2.87)
	20	0.05	(0.05, 0.06)	0.49	(0.47, 0.50)	1.92	(1.90, 1.95)	12.68	(12.61, 12.76)	2.86	(2.84, 2.88)
	30	0.43	(0.42, 0.44)	1.88	(1.86, 1.90)	4.23	(4.19, 4.26)	12.70	(12.62, 12.77)	2.87	(2.85, 2.89)
	40	1.46	(1.44, 1.48)	3.84	(3.81, 3.87)	7.07	(7.02, 7.12)	12.41	(12.33, 12.48)	2.85	(2.83, 2.86)
	50	2.45	(2.43, 2.48)	5.79	(5.74, 5.84)	8.99	(8.93, 9.06)	11.30	(11.23, 11.38)	2.73	(2.71, 2.75)
	60	3.56	(3.52, 3.60)	6.97	(6.91, 7.03)	8.98	(8.91, 9.05)	9.44	(9.36, 9.51)	2.45	(2.43, 2.47)
	70	3.92	(3.88, 3.97)	6.22	(6.16, 6.29)	-	(- , -)	6.76	(6.69, 6.82)	2.03	(2.01, 2.04)
	80	3.15	(3.11, 3.20)	-	(- , -)	-	(- , -)	3.88	(3.82, 3.94)	1.53	(1.52, 1.55)
Black	0	0.00	(0.00, 0.00)	0.00	(0.00, 0.00)	0.07	(0.06, 0.09)	10.07	(9.88, 10.27)	3.20	(3.15, 3.25)
	10	0.00	(0.00, 0.00)	0.08	(0.07, 0.09)	0.55	(0.52, 0.58)	10.29	(10.09, 10.49)	3.27	(3.22, 3.33)
	20	0.07	(0.06, 0.08)	0.55	(0.52, 0.58)	1.92	(1.87, 1.98)	10.32	(10.12, 10.52)	3.28	(3.23, 3.34)
	30	0.48	(0.46, 0.51)	1.87	(1.81, 1.92)	3.96	(3.87, 4.05)	10.33	(10.14, 10.54)	3.30	(3.24, 3.35)
	40	1.41	(1.36, 1.45)	3.55	(3.46, 3.63)	6.13	(6.00, 6.26)	10.04	(9.85, 10.25)	3.24	(3.19, 3.30)
	50	2.25	(2.18, 2.32)	4.96	(4.84, 5.09)	7.38	(7.21, 7.55)	9.08	(8.88, 9.29)	3.04	(2.98, 3.09)
	60	3.00	(2.90, 3.11)	5.67	(5.51, 5.84)	7.12	(6.93, 7.31)	7.56	(7.35, 7.76)	2.62	(2.56, 2.68)
	70	3.24	(3.10, 3.37)	4.99	(4.81, 5.17)	-	(- , -)	5.52	(5.32, 5.72)	2.14	(2.09, 2.20)
	80	2.60	(2.45, 2.76)	-	(- , -)	-	(- , -)	3.39	(3.20, 3.60)	1.71	(1.65, 1.78)

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.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table 4.16 - continued
Cancer of the Female Breast (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.)
Asian/ Pacific Islander	0	0.00	(0.00, 0.00)	0.00	(0.00, 0.01)	0.05	(0.04, 0.06)	9.36	(9.13, 9.60)	1.76	(1.64, 1.89)
	10	0.00	(0.00, 0.01)	0.05	(0.04, 0.06)	0.45	(0.42, 0.47)	9.43	(9.21, 9.68)	1.77	(1.66, 1.91)
	20	0.05	(0.04, 0.06)	0.45	(0.42, 0.47)	1.74	(1.69, 1.80)	9.45	(9.22, 9.70)	1.78	(1.66, 1.91)
	30	0.40	(0.37, 0.42)	1.70	(1.64, 1.76)	3.60	(3.51, 3.69)	9.43	(9.20, 9.68)	1.78	(1.66, 1.91)
	40	1.31	(1.27, 1.36)	3.22	(3.14, 3.31)	5.47	(5.34, 5.60)	9.10	(8.88, 9.35)	1.75	(1.64, 1.89)
	50	1.95	(1.89, 2.02)	4.25	(4.13, 4.37)	6.29	(6.13, 6.45)	7.97	(7.74, 8.21)	1.65	(1.53, 1.78)
	60	2.39	(2.30, 2.49)	4.52	(4.37, 4.67)	5.87	(5.69, 6.07)	6.27	(6.05, 6.51)	1.41	(1.29, 1.55)
	70	2.31	(2.20, 2.42)	3.78	(3.62, 3.95)	-	(- , -)	4.21	(4.00, 4.44)	1.12	(1.00, 1.26)
80	1.77	(1.64, 1.91)	-	(- , -)	-	(- , -)	2.29	(2.09, 2.52)	0.84	(0.71, 1.00)	
American Indian/ Alaska Native ^a	0	0.00	(0.00, 0.04)	0.00	(0.00, 0.04)	0.04	(0.02, 0.09)	7.21	(6.50, 8.19)	1.98	(1.74, 2.29)
	10	0.00	(0.00, 0.02)	0.04	(0.02, 0.08)	0.31	(0.23, 0.41)	7.32	(6.60, 8.32)	2.02	(1.77, 2.33)
	20	0.04	(0.02, 0.08)	0.31	(0.23, 0.41)	1.24	(1.07, 1.43)	7.36	(6.64, 8.36)	2.03	(1.78, 2.34)
	30	0.27	(0.20, 0.36)	1.21	(1.04, 1.40)	2.65	(2.37, 2.96)	7.39	(6.66, 8.39)	2.04	(1.80, 2.36)
	40	0.96	(0.82, 1.12)	2.43	(2.16, 2.72)	4.28	(3.85, 4.75)	7.26	(6.52, 8.28)	2.04	(1.79, 2.36)
	50	1.53	(1.31, 1.77)	3.45	(3.04, 3.90)	5.24	(4.66, 5.88)	6.54	(5.80, 7.58)	1.97	(1.71, 2.30)
	60	2.05	(1.72, 2.43)	3.97	(3.42, 4.59)	5.11	(4.42, 5.90)	5.36	(4.62, 6.43)	1.80	(1.54, 2.15)
	70	2.22	(1.78, 2.74)	3.53	(2.88, 4.30)	-	(- , -)	3.83	(3.11, 4.96)	1.57	(1.29, 1.96)
80	1.78	(1.23, 2.50)	-	(- , -)	-	(- , -)	2.17	(1.51, 3.48)	1.32	(1.01, 1.80)	
Hispanic ^b	0	0.00	(0.00, 0.00)	0.00	(0.00, 0.00)	0.05	(0.04, 0.05)	9.29	(9.08, 9.50)	2.06	(1.99, 2.14)
	10	0.00	(0.00, 0.00)	0.05	(0.04, 0.05)	0.39	(0.37, 0.40)	9.38	(9.17, 9.60)	2.09	(2.01, 2.16)
	20	0.05	(0.04, 0.05)	0.39	(0.37, 0.40)	1.47	(1.43, 1.50)	9.40	(9.19, 9.62)	2.09	(2.02, 2.17)
	30	0.34	(0.33, 0.36)	1.42	(1.39, 1.46)	3.16	(3.10, 3.23)	9.39	(9.18, 9.61)	2.09	(2.02, 2.17)
	40	1.09	(1.06, 1.13)	2.85	(2.78, 2.91)	5.10	(4.99, 5.21)	9.13	(8.92, 9.35)	2.07	(1.99, 2.14)
	50	1.80	(1.74, 1.85)	4.10	(4.00, 4.21)	6.35	(6.20, 6.50)	8.23	(8.02, 8.46)	1.96	(1.89, 2.04)
	60	2.42	(2.34, 2.51)	4.79	(4.65, 4.93)	6.20	(6.03, 6.38)	6.77	(6.55, 6.99)	1.73	(1.66, 1.81)
	70	2.63	(2.52, 2.74)	4.20	(4.04, 4.37)	-	(- , -)	4.83	(4.62, 5.05)	1.42	(1.35, 1.51)
80	2.01	(1.87, 2.15)	-	(- , -)	-	(- , -)	2.80	(2.59, 3.04)	1.11	(1.02, 1.20)	

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.