

Breast Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within San Diego County

MSSA ID MSSA Description	Study Results							Demographics				
	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	99% C.I.	2000 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)	
159* Buckman Springs/ Canyon City/ Jacumba/Morena Village/Tecate	60.0	15	9	3.9	5.1	230.8	140.6 - 378.9	6,485	POV100 19.5 POV200 39.5	White 72.6 Black 2.7 Asian/PI 0.8 Am. Ind. 6.9 Other/Multi 17.0	26.6	
161k* Chula Vista Central and Northwest/ National City West	37.9	169	64	47.4	16.6	135.0	105.2 - 173.3	78,323	POV100 21.0 POV200 49.6	White 44.9 Black 5.4 Asian/PI 9.7 Am. Ind. 1.0 Other/Multi 38.9	60.5	
161s* Cockatoo Grove/ Eastlake Greens/ Otay Mesa	36.7	264	97	75.7	21.3	128.1	104.5 - 157.2	79,912	POV100 7.1 POV200 23.9	White 46.7 Black 6.9 Asian/PI 14.8 Am. Ind. 0.6 Other/Multi 31.0	50.7	
161i* Calavo Gardens/ Casa de Oro/ Cottonwood/ Grossmont/Homelands/ Lemon Grove Central and North/Mount Helix/Rancho San Diego/Spring Valley	35.8	279	100	77.9	22.1	128.4	104.9 - 157.0	79,763	POV100 8.3 POV200 23.1	White 70.6 Black 8.8 Asian/PI 5.5 Am. Ind. 0.7 Other/Multi 14.4	19.3	
161t* Bonita/Chula Vista East/ Eastlake/La Presa/ Lynwood Hills/ Rancho del Rey/ Sunnyside/Sunny Vista	35.6	284	101	80.2	20.8	125.9	102.9 - 154.1	82,088	POV100 5.7 POV200 18.0	White 60.3 Black 4.8 Asian/PI 15.2 Am. Ind. 0.6 Other/Multi 19.2	36.2	

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161l Lemon Grove South/ Paradise Hills	34.8	198	69	57.1	11.9	120.8	94.3 - 154.9	81,626	POV100 8.1 POV200 26.3	White 29.6 Black 18.9 Asian/PI 31.6 Am. Ind. 0.7 Other/Multi 19.3	25.8	
161j Castle Park/Chula Vista Southwest/Imperial Beach West/Nestor East/ Palm City/San Ysidro/ South San Diego	34.7	271	94	77.2	16.8	121.8	98.5 - 150.5	114,185	POV100 20.2 POV200 48.7	White 50.3 Black 4.3 Asian/PI 8.0 Am. Ind. 0.9 Other/Multi 36.5	64.1	
161d Chollas Creek/ City Heights/ East San Diego/ North Park/Oak Park/ South Park	34.2	187	64	53.1	10.9	120.5	93.3 - 155.7	101,996	POV100 31.1 POV200 60.0	White 39.3 Black 13.4 Asian/PI 15.2 Am. Ind. 0.8 Other/Multi 31.3	45.8	
156e* Escondido Central and South/ San Marcos Central and East	34.2	304	104	82.9	21.1	125.5	102.4 - 153.6	124,839	POV100 16.0 POV200 43.3	White 62.4 Black 2.4 Asian/PI 4.0 Am. Ind. 1.3 Other/Multi 29.8	47.1	
161c Downtown/Golden Hill/ Logan Heights	33.9	112	38	31.4	6.6	121.0	87.1 - 168.2	83,016	POV100 30.3 POV200 59.9	White 46.7 Black 11.6 Asian/PI 3.4 Am. Ind. 1.0 Other/Multi 37.3	60.9	
153.2 Rincon/San Pasqual/ Valley Center	33.3	36	12	9.9	2.1	121.2	69.3 - 212.1	13,651	POV100 9.5 POV200 21.7	White 80.1 Black 0.5 Asian/PI 1.6 Am. Ind. 5.3 Other/Multi 12.5	20.5	

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161g Encanto/Lemon Grove Northwest/ Lincoln Acres/ National City East/ Paradise Hills Southwest	33.3	195	65	54.9	10.1	118.4	91.3 - 153.5	90,222	POV100 20.7 POV200 48.7	White 28.3 Black 23.7 Asian/PI 17.0 Am. Ind. 0.9 Other/Multi 30.2	44.5		
156d Oceanside East/ San Marcos West/ Vista	33.2	292	97	82.4	14.6	117.7	95.2 - 145.5	119,642	POV100 14.1 POV200 36.1	White 63.5 Black 4.2 Asian/PI 4.3 Am. Ind. 1.0 Other/Multi 26.9	40.8		
158.1 Ramona/Rock Haven/ Rosemont	32.7	55	18	15.9	2.1	113.2	69.9 - 183.4	22,699	POV100 10.8 POV200 29.1	White 83.2 Black 0.6 Asian/PI 1.1 Am. Ind. 1.3 Other/Multi 13.7	21.2		
161h El Cajon Central and South/ Fletcher Hills	32.6	224	73	61.3	11.7	119.1	93.1 - 152.4	81,784	POV100 17.5 POV200 41.0	White 71.8 Black 6.0 Asian/PI 3.0 Am. Ind. 1.0 Other/Multi 18.3	24.4		
161p Carmel Valley/Del Dios/ Escondido South/ Fairbanks Ranch/ Poway Southeast/ Rancho Bernardo Southeast/Rancho Penasquitos	32.5	314	102	91.4	10.6	111.6	90.7 - 137.4	103,447	POV100 4.1 POV200 10.1	White 73.7 Black 1.8 Asian/PI 17.9 Am. Ind. 0.2 Other/Multi 6.4	7.7		
161v Mira Mesa/ Scripps Miramar Ranch	32.5	274	89	80.4	8.6	110.7	88.5 - 138.5	101,174	POV100 5.1 POV200 13.8	White 54.1 Black 3.9 Asian/PI 33.1 Am. Ind. 0.3 Other/Multi 8.6	9.1		

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160 Bonsall/Camp Pendleton/ Fallbrook/Live Oak Park/ Rainbow/San Luis Rey Heights/Winterwarm	32.3	155	50	42.9	7.1	116.6	86.8 - 156.5	80,100	POV100 9.3 POV200 29.5	White 71.0 Black 6.4 Asian/PI 2.8 Am. Ind. 1.1 Other/Multi 18.6	26.4		
161f La Mesa/Rolando South	32.2	283	91	77.8	13.2	117.0	93.8 - 145.9	76,494	POV100 12.0 POV200 32.3	White 69.1 Black 9.8 Asian/PI 7.0 Am. Ind. 0.8 Other/Multi 13.4	18.3		
161o Allied Gardens/ Del Cerro/ Grantville/Miramar/ Tierrasanta	31.9	310	99	86.1	12.9	115.0	93.1 - 142.0	80,359	POV100 5.2 POV200 18.9	White 76.5 Black 5.7 Asian/PI 8.2 Am. Ind. 0.7 Other/Multi 8.9	11.2		
161e College Heights/ Hillcrest Southeast/ Kensington/ Rolando North/ University Heights	31.6	234	74	64.4	9.6	114.9	89.9 - 146.9	92,719	POV100 20.1 POV200 42.4	White 64.8 Black 10.2 Asian/PI 7.4 Am. Ind. 0.9 Other/Multi 16.7	23.5		
San Diego County*	31.6	8582	2711	2404.1	306.9	112.8	108.3 - 117.5	2813833	POV100 12.0 POV200 29.6	White 66.5 Black 5.7 Asian/PI 9.4 Am. Ind. 0.9 Other/Multi 17.5	26.7		
161b Bay Park/Five Points/ Hillcrest Northwest/ Mission Hills/Mission Valley/Morena/ Normal Heights/ Old Town/Serra Mesa	31.6	320	101	89.1	11.9	113.4	91.9 - 139.8	89,319	POV100 9.9 POV200 24.6	White 76.1 Black 5.5 Asian/PI 7.5 Am. Ind. 0.7 Other/Multi 10.2	14.6		

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156c Cardiff by the Sea/ Eden Gardens/Harmony Grove/La Costa/ Ocean Hills/Lomas Santa Fe/Olivehain/Rancho Santa Fe/San Marcos South/Solana Beach/ Vista South	31.0	538	167	148.9	18.1	112.2	95.1 - 132.3	117,653	POV100 4.8 POV200 12.9	White 87.8 Black 1.2 Asian/PI 4.5 Am. Ind. 0.4 Other/Multi 6.2	9.6	
157 Dulzura/ Engineer Springs/ Indian Springs/ Jamacha/Jamul	30.6	36	11	10.5	0.5	104.8	55.2 - 198.8	12,258	POV100 7.6 POV200 16.0	White 85.8 Black 1.6 Asian/PI 3.1 Am. Ind. 0.8 Other/Multi 8.7	16.9	
156a Encinitas Central/ Leucadia/Oceanside North and West/ San Luis Rey South Oceanside	30.0	293	88	80.9	7.1	108.8	86.8 - 136.3	109,303	POV100 15.3 POV200 39.0	White 65.3 Black 5.3 Asian/PI 5.2 Am. Ind. 1.0 Other/Multi 23.2	36.6	
161m Carlton Hills/ El Cajon North/ Eucalyptus Hills/ Lake Murray Loma Portal/San Carlos/ Santee	29.9	331	99	92.4	6.6	107.1	86.4 - 132.9	86,589	POV100 5.3 POV200 16.1	White 87.1 Black 1.9 Asian/PI 3.3 Am. Ind. 0.6 Other/Multi 7.1	10.4	
155 Alpine/Blossom Valley/ Crest/Descanso/ Glen Oaks/Harbison Canyon/Japatul/ Palo Verde	29.6	108	32	30.9	1.1	103.6	72.8 - 147.4	31,849	POV100 6.6 POV200 18.7	White 90.1 Black 1.0 Asian/PI 1.7 Am. Ind. 1.7 Other/Multi 5.6	10.3	

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156f Escondido East/ Hidden Meadows/ Poway North	29.3	396	116	108.9	7.1	106.5	87.2 - 130.1	82,950	POV100 4.7 POV200 14.9	White 83.6 Black 1.4 Asian/PI 5.3 Am. Ind. 0.6 Other/Multi 9.0	13.8	
161q Poway Central/ Poway Grove/ Rancho Bernardo Southwest/ Sabre Springs	29.1	275	80	78.3	1.7	102.2	80.3 - 130.0	75,815	POV100 4.5 POV200 13.1	White 78.5 Black 2.0 Asian/PI 12.2 Am. Ind. 0.4 Other/Multi 6.9	9.4	
156b Carlsbad East/ Encinitas East/ Oceanside East	28.6	367	105	102.5	2.5	102.4	83.1 - 126.2	94,805	POV100 5.4 POV200 15.6	White 80.6 Black 3.6 Asian/PI 6.2 Am. Ind. 0.5 Other/Multi 9.1	13.6	
161u Bostonia/Glenview/ Granite Hills/ Hillsdale/Johnstown/ Lakeside/Riverview/ Winter Gardens	28.1	249	70	70.6	-0.6	99.2	76.4 - 128.6	80,702	POV100 8.6 POV200 24.2	White 86.5 Black 2.1 Asian/PI 2.2 Am. Ind. 1.0 Other/Multi 8.3	12.5	
161a Clairemont/Fiesta Shores/ Linda Vista/ Mission Beach/ Sorrento/ University City	27.7	452	125	125.5	-0.5	99.6	81.9 - 121.1	124,938	POV100 15.1 POV200 30.9	White 69.4 Black 2.9 Asian/PI 15.5 Am. Ind. 0.6 Other/Multi 11.6	16.1	

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161n Civic Center/ Coronado/ Harbor Island/ Imperial Beach East/ Nestor West/ Ocean Beach/Point Loma/ Silver Strand	27.0	300	81	83.0	-2.0	97.6	76.6 - 124.3	92,490	POV100 7.9 POV200 19.9	White 82.5 Black 3.6 Asian/PI 4.1 Am. Ind. 0.8 Other/Multi 9.0	14.3		
161r Crown Point/Del Mar/ La Jolla/Pacific Beach	27.0	408	110	112.3	-2.3	98.0	79.6 - 120.6	90,012	POV100 8.1 POV200 17.9	White 87.0 Black 0.8 Asian/PI 6.7 Am. Ind. 0.3 Other/Multi 5.2	7.8		
158.2 Ballena/Four Corners/ San Diego Country Estates	22.6	31	7	8.7	-1.7	80.5	36.6 - 176.9	9,874	POV100 3.5 POV200 9.4	White 92.6 Black 0.7 Asian/PI 1.4 Am. Ind. 0.5 Other/Multi 4.8	8.6		
154 Barona/Moreno		<15 See Note.						2,067	POV100 8.6 POV200 14.6	White 74.9 Black 0.4 Asian/PI 0.8 Am. Ind. 17.7 Other/Multi 6.2	11.7		
153.1 Pala/Pauma Valley		<15 See Note.						7,097	POV100 17.4 POV200 41.2	White 55.4 Black 1.1 Asian/PI 2.4 Am. Ind. 19.8 Other/Multi 21.3	38.0		

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152 Borrego Springs/ Cuyamaca/Julian/ Kentwood in the Pines/ Laguna/Ocotillo Wells/ Palomar/Pine Valley/ Warner Springs		<15 See Note.						11,588	POV100 10.4 POV200 27.3	White 85.4 Black 1.1 Asian/PI 0.7 Am. Ind. 4.3 Other/Multi 8.4		15.8	

* The proportion of advanced stage breast cancers is significantly higher than in the comparison group (PIR p<0.01).

Note: Statistical significance was not calculated for PIRs based on fewer than 15 total breast cancer cases.

Source: California Cancer Registry (April 2006) breast cancer analysis file.