

**Breast Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within San Bernardino County,  
2007-2011**

Study Results								Demographics				
MSSA ID	% Advanced	Total	Advanced	Advanced	Excess	PIR	95% C.I.	2010 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)	
MSSA Description	Stage	Cases	Observed	Expected	Advanced							
142 Argus/Borosalvay/Trona		<15 cases See note.						2,659	Pov100 29.4 Pov200 41.4	White 93.4 Black 1.5 Am. Ind. 4.4 Other/Multi 6.8 Asian/PI 3.5	5.1	
143* Big River/Needles	56	18	10	4.7	5.3	212.8	147.4- 307.2	6,647	Pov100 23.7 Pov200 48	White 80.7 Black 3.4 Am. Ind. 13.1 Other/Multi 6.4 Asian/PI 1.1	14.3	
144.1 USMC Air-Ground Combat Training Center		<15 cases See note.						11,452	Pov100 11.6 Pov200 43.4	White 83.9 Black 6.8 Am. Ind. 3.7 Other/Multi 7.4 Asian/PI 3.4	20.1	
144.2* Joshua Tree/Landers/ Morongo Valley/ Rimrock/ Yucca Valley	35	152	53	37.2	15.8	142.5	107.4- 189	40,958	Pov100 16.9 Pov200 41.3	White 87.9 Black 2.3 Am. Ind. 2.8 Other/Multi 11 Asian/PI 1.9	14.8	
144.3 Cadiz/Twenty-nine Palms	34	56	19	13.9	5.1	136.7	87.9- 212.7	19,199	Pov100 16.6 Pov200 41.3	White 81.3 Black 9.7 Am. Ind. 2.2 Other/Multi 9.5 Asian/PI 6.5	15.6	

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MSSA Description	Stage	Cases	Observed	Expected	Advanced			Pop.			Ethnicity (%)
145.1a* Hesperia West/ Mountain View Acres/ Victorville Central and South	31	435	137	106.4	30.6	128.8	107.3- 154.4	170,866	Pov100 19.5 Pov200 41.7	White 71.5 Black 11.6 Am. Ind. 2.2 Other/Multi 18 Asian/PI 4.4	46.6
145.1b* Apple Valley/ Hesperia East	36	412	147	100.9	46.1	145.7	123.2- 172.3	111,160	Pov100 17.2 Pov200 38.8	White 80.6 Black 8.5 Am. Ind. 1.8 Other/Multi 12.7 Asian/PI 3.1	31.1
145.2* Adelanto/Phelan/ Pinon Hills/ Victorville Northwest	37	92	34	23.1	10.9	147.2	104.7- 207	54,324	Pov100 22.8 Pov200 48.6	White 65.3 Black 20 Am. Ind. 2.2 Other/Multi 18 Asian/PI 6.1	46.3
145.3 Lucerne Valley		<15 cases See note.						4,322	Pov100 14.3 Pov200 25.6	White 88.9 Black 2.7 Am. Ind. 1.6 Other/Multi 10 Asian/PI 0	19.5
146* Big Bear Lake/Fawnskin/ Moorridge/ Running Springs/ Sugarloaf	42	53	22	12.7	9.3	173.2	116.7- 257.1	24,368	Pov100 16.1 Pov200 37.8	White 83.9 Black 1.7 Am. Ind. 1.8 Other/Multi 14.2 Asian/PI 2	21.4
147 Blue Jay/Crestline/ Lake Arrowhead/ Skyforest/ Twin Peaks	24	51	12	12.6	-0.6	95.2	51.1- 177.6	19,897	Pov100 13.6 Pov200 32.6	White 85.1 Black 2.8 Am. Ind. 1.1 Other/Multi 11.1 Asian/PI 2.3	19.6

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148 Lytle Creek/ Wrightwood	20	15	3	3.6	-0.6	83.3	22.7- 306.5	6,428	Pov100 5 Pov200 12.3	White 96.1 Black 0 Am. Ind. 0.7 Other/Multi 1.5 Asian/PI 3	11.7
149* Barstow/Daggett/ Lenwood/ Nebo Center/ Oro Grande/ Yermo	35	155	55	38	17	144.7	109.8- 190.8	51,013	Pov100 19.4 Pov200 41.5	White 72.6 Black 11.4 Am. Ind. 3.8 Other/Multi 18.8 Asian/PI 4.4	33.3
150 Baker/Harvard/ Newberry Springs		<15 cases See note.						13,678	Pov100 14.5 Pov200 40	White 72.6 Black 12.4 Am. Ind. 2.4 Other/Multi 12.7 Asian/PI 7.1	29.4
151a* Chino Hills/ Chino West Central/ Los Serranos/ Sleepy Hollow	34	366	124	91.5	32.5	135.5	112.4- 163.4	125,453	Pov100 5.5 Pov200 17.1	White 58.5 Black 6.4 Am. Ind. 1.5 Other/Multi 19.6 Asian/PI 22.5	39.6
151b Ontario Northeast/ Rancho Cucamonga South	28	325	91	80.8	10.2	112.6	89.8- 141.2	95,616	Pov100 9.7 Pov200 30.3	White 63.7 Black 10.3 Am. Ind. 3 Other/Multi 28.2 Asian/PI 8	50.4
151c* Montclair/ Ontario Northwest/ Upland South	36	245	88	60	28	146.7	118.4- 181.7	124,611	Pov100 15.9 Pov200 43.9	White 48.1 Black 5.9 Am. Ind. 3.1 Other/Multi 46.9 Asian/PI 7	69.8

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151d Rancho Cucamonga Northwest/ San Antonio Heights/ Upland North	29	357	103	87.6	15.4	117.6	95.3- 145.1	85,338	Pov100 6.8 Pov200 16.7	White 73.3 Black 5.4 Am. Ind. 2.3 Other/Multi 21.1 Asian/PI 11.2	29.2
151e* Fontana North/ Rancho Cucamonga Northwest/ Rialto Northeast	35	455	158	113.5	44.5	139.2	118- 164.2	176,224	Pov100 4.8 Pov200 17.3	White 57.9 Black 15.6 Am. Ind. 2 Other/Multi 23.1 Asian/PI 13	41.9
151f* Bloomington/Colton Central and West/ Fontana South/ Rialto South	37	252	94	62.4	31.6	150.6	122.2- 185.7	143,969	Pov100 16.6 Pov200 50	White 62.4 Black 6.3 Am. Ind. 2.2 Other/Multi 32.3 Asian/PI 3.8	77.5
151g* Muscoy/ San Bernardino Central	36	239	87	58.7	28.3	148.2	118.9- 184.7	126,048	Pov100 28.3 Pov200 56.9	White 47.2 Black 16.3 Am. Ind. 1.4 Other/Multi 36.7 Asian/PI 4.2	65.7
151h* Fontana Central/ Rialto Central	33	249	82	62.5	19.5	131.2	104.2- 165.2	131,595	Pov100 20 Pov200 54	White 63.1 Black 13.3 Am. Ind. 1.7 Other/Multi 25.8 Asian/PI 3.5	73.1
151i Colton Southeast/ Grand Terrace/ Loma Linda/ Redlands North	26	345	89	84.9	4.1	104.8	83- 132.4	100,669	Pov100 10.8 Pov200 27.3	White 61.1 Black 8.7 Am. Ind. 1.4 Other/Multi 21.4 Asian/PI 15.5	34.9

MSSA ID	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	95% C.I.	2010 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)
151j* Mentone/ Redlands South/ Yucaipa	32	407	129	99.8	29.2	129.3	107.3- 155.7	99,945	Pov100 8.6 Pov200 23.2	White 83 Black 3.7 Am. Ind. 1.8 Other/Multi 13.4 Asian/PI 6.6	23.7
151k* Highland/ San Bernardino East	31	261	82	64.4	17.6	127.3	101- 160.4	120,383	Pov100 27.6 Pov200 53.1	White 53.9 Black 14.7 Am. Ind. 1.7 Other/Multi 30.8 Asian/PI 7.3	53
151l* Chino Northeast/ Fontana Southwest/ Ontario South	35	330	116	82.4	33.6	140.8	116.4- 170.2	138,465	Pov100 7.4 Pov200 25.2	White 56.8 Black 10.8 Am. Ind. 2.3 Other/Multi 31.5 Asian/PI 8.7	57.7

\* The proportion of advanced stage breast cancers is significantly higher than in the comparison group (PIR p<0.05).  
Note: Statistical significance was not calculated for PIRs based on fewer than 15 total breast cancer cases.  
Source: California Cancer Registry (May 2014).











