

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

		Study Results						Demographics				
MSSA ID	MSSA Description	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	99% C.I.	2000 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)
60*	Delano/McFarland	53.7	54	29	15.2	13.8	190.8	141.0 - 258.2	52,391	POV100 26.4 POV200 58.2	White 27.8 Black 5.1 Asian/PI 12.1 Am. Ind. 1.1 Other/Multi 53.9	71.4
61*	Arvin/Lamont/ Weed Patch	51.4	35	18	10.1	7.9	178.2	118.4 - 268.2	33,175	POV100 32.0 POV200 72.3	White 47.6 Black 1.8 Asian/PI 1.2 Am. Ind. 1.7 Other/Multi 47.6	84.5
58.2	Lost Hills/Wasco	42.9	28	12	7.8	4.2	153.8	88.6 - 267.1	25,104	POV100 20.6 POV200 46.3	White 34.1 Black 9.1 Asian/PI 0.8 Am. Ind. 1.1 Other/Multi 55.0	69.0
57.2	Blackwell's Corners/ Ford City/Maricopa/ McKittrick/Taft	42.5	40	17	10.8	6.2	157.4	100.0 - 247.9	20,331	POV100 18.7 POV200 38.4	White 81.3 Black 3.4 Asian/PI 1.8 Am. Ind. 1.3 Other/Multi 12.2	16.3
65*	Boron/ California City/ Desert Lake/ Mojave/North Edwards/ Rosamond	39.5	86	34	23.8	10.2	142.9	102.0 - 200.2	38,004	POV100 14.9 POV200 36.6	White 72.2 Black 8.0 Asian/PI 3.4 Am. Ind. 1.4 Other/Multi 14.9	19.8
58.1	Shafter	38.5	26	10	7.2	2.8	138.9	85.0 - 227.0	18,065	POV100 23.1 POV200 51.2	White 47.0 Black 3.2 Asian/PI 1.5 Am. Ind. 1.2 Other/Multi 47.1	62.9

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MSSA ID MSSA Description	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	99% C.I.	2000 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)	
66b* Bakersfield East/ Lakeview/La Loma	38.3	201	77	56.2	20.8	137	109.6 - 171.3	120,422	POV100 34.9 POV200 66.4	White 41.3 Black 11.0 Asian/PI 2.1 Am. Ind. 2.2 Other/Multi 43.4	60.6	
63 Alta Sierra/ Bodfish/Glennville/ Kernville/Lake Isabella/ Weldon/Wofford Heights	37.1	35	13	9.5	3.5	136.8	81.1 - 230.8	15,561	POV100 19.5 POV200 48.3	White 90.7 Black 0.4 Asian/PI 0.7 Am. Ind. 2.5 Other/Multi 5.7	6.2	
66c Bakersfield Southwest	35.2	250	88	70.7	17.3	124.5	99.9 - 155.0	104,256	POV100 13.2 POV200 32.4	White 64.5 Black 8.2 Asian/PI 5.6 Am. Ind. 1.2 Other/Multi 20.5	28.4	
Kern County*	33.7	1443	486	402.7	83.3	120.7	109.8 - 132.7	661,645	POV100 19.8 POV200 43.3	White 61.6 Black 6.0 Asian/PI 3.5 Am. Ind. 1.5 Other/Multi 27.4	38.4	
66a Bakersfield Northeast/ Oildale	31.2	269	84	73.5	10.5	114.3	90.6 - 144.1	87,717	POV100 16.9 POV200 40.3	White 74.6 Black 3.6 Asian/PI 2.0 Am. Ind. 1.9 Other/Multi 17.9	26.6	
64 Inyokern/Ridgecrest	29.5	88	26	24.2	1.8	107.4	70.5 - 163.8	31,610	POV100 12.2 POV200 28.5	White 83.6 Black 3.0 Asian/PI 3.9 Am. Ind. 1.2 Other/Multi 8.3	11.0	
66d Bakersfield Northwest/ Rosedale	24.1	224	54	63.3	-9.3	85.3	63.0 - 115.5	76,505	POV100 7.3 POV200 17.0	White 84.2 Black 2.8 Asian/PI 3.2 Am. Ind. 1.0 Other/Multi 8.7	13.4	

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62 Bear Valley Springs/ Keene/Stallion Springs/ Tehachapi	21.6	88	19	24.6	-5.6	77.2	45.9 - 130.0	28,415	POV100 10.6 POV200 24.5	White 74.7 Black 6.1 Asian/PI 1.1 Am. Ind. 1.1 Other/Multi 17.0	21.0		
59 Buttonwillow		<15 See Note.						3,038	POV100 26.9 POV200 59.0	White 50.8 Black 2.8 Asian/PI 0.5 Am. Ind. 1.1 Other/Multi 44.8	52.8		
57.1 Fort Tejon/ Frazier Park/Lebec/ Pine Mountain		<15 See Note.						7,051	POV100 11.6 POV200 32.5	White 86.1 Black 0.5 Asian/PI 1.1 Am. Ind. 1.4 Other/Multi 10.8	13.0		

* 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.