

Breast Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within Kern 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							
57.1 Fort Tejon/ Frazier Park/Lebec/ Pine Mountain	27	15	4	3.9	0.1	102.6	39.3- 267.5	7,745	Pov100 8.7 Pov200 33.1	White 88.3 Black 0.6 Am. Ind. 1.9 Other/Multi 12.2 Asian/PI 4.8	17.7	
57.2 Blackwell's Corners/ Ford City/Maricopa/ McKittrick/Taft	34	41	14	10	4	140	83.8- 233.9	21,109	Pov100 20.9 Pov200 48.6	White 85.2 Black 2.1 Am. Ind. 4 Other/Multi 14.1 Asian/PI 2.1	30.2	
58.1 Shafter	37	30	11	7.4	3.6	148.6	83.5- 264.6	21,041	Pov100 21 Pov200 61.3	White 75.6 Black 2.3 Am. Ind. 2.5 Other/Multi 23.3 Asian/PI 0.4	73.9	
58.2 Lost Hills/Wasco	38	42	16	10.4	5.6	153.8	94.2- 251.4	29,250	Pov100 26.8 Pov200 59.1	White 75 Black 7.6 Am. Ind. 1.3 Other/Multi 16.8 Asian/PI 2.8	76.3	
59 Buttonwillow		<15 cases See note.						3,846	Pov100 21.5 Pov200 47.5	White 72.1 Black 4.2 Am. Ind. 2.4 Other/Multi 28.3 Asian/PI 1	59.3	

MSSA ID	% Advanced	Total	Advanced	Advanced	Excess	PIR	95% C.I.	2010	Poverty (%)	Race (%)	Hispanic
MSSA Description	Stage	Cases	Observed	Expected	Advanced			Pop.			Ethnicity (%)
60* Delano/McFarland	45	64	29	15.8	13.2	183.5	130.9- 257.3	66,660	Pov100 29.9 Pov200 64.7	White 66.4 Black 4.8 Am. Ind. 1.8 Other/Multi 21.3 Asian/PI 13	75.1
61* Arvin/Lamont/ Weed Patch	55	42	23	10.5	12.5	219	154.3- 310.9	40,749	Pov100 30.9 Pov200 75	White 64.4 Black 0.5 Am. Ind. 1.3 Other/Multi 35 Asian/PI 1.6	89.7
62 Bear Valley Springs/ Keene/ Stallion Springs/ Tehachapi	33	117	39	28.3	10.7	137.8	98.8- 192.2	35,913	Pov100 12.7 Pov200 30.7	White 85.2 Black 5.4 Am. Ind. 3.5 Other/Multi 12 Asian/PI 3	23.5
63 Alta Sierra/Bodfish/ Glennville/Kernville/ Lake Isabella/Weldon/ Wofford Heights	29	35	10	8.2	1.8	122	64.2- 231.5	15,865	Pov100 18.6 Pov200 47.4	White 95.2 Black 1.2 Am. Ind. 4.4 Other/Multi 4.8 Asian/PI 0.5	8.7
64 Inyokern/Ridgecrest	32	113	36	28	8	128.6	90.6- 182.6	33,721	Pov100 13.5 Pov200 30.6	White 83.7 Black 6.7 Am. Ind. 3.2 Other/Multi 12.1 Asian/PI 7	14.5
65 Boron/California City/ Desert Lake/Mojave/ North Edwards/ Rosamond	33	91	30	22.7	7.3	132.2	90.6- 192.8	43,280	Pov100 23.3 Pov200 45.2	White 69.6 Black 11 Am. Ind. 2.7 Other/Multi 19.7 Asian/PI 4.7	29.7

MSSA ID	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	95% C.I.	2010 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)
66a* Bakersfield Northeast/ Oildale	31	354	108	86.4	21.6	125	102.1- 153	101,964	Pov100 19.2 Pov200 42.3	White 69.8 Black 4.3 Am. Ind. 2.8 Other/Multi 29.9 Asian/PI 2.6	38.8
66b* Bakersfield East/ Lakeview/ La Loma	34	238	82	59.2	22.8	138.5	110.1- 174.3	137,391	Pov100 33.6 Pov200 65.9	White 48.8 Black 10.3 Am. Ind. 2.6 Other/Multi 44.6 Asian/PI 2.2	70.9
66c* Bakersfield Southwest	33	365	120	91.1	28.9	131.7	108.8- 159.5	143,750	Pov100 15.6 Pov200 36.9	White 64.2 Black 9.6 Am. Ind. 1.6 Other/Multi 25.1 Asian/PI 8.7	44.5
66d Bakersfield Northwest/ Rosedale	27	440	120	108.2	11.8	110.9	90.9- 135.4	113,409	Pov100 7 Pov200 18.4	White 83.2 Black 3.7 Am. Ind. 1.8 Other/Multi 12.9 Asian/PI 6.7	22.7

* 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).