

Breast Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within Fresno 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 (%)	
25* Firebaugh/Mendota	46.7	15	7	4.1	2.9	170.7	101.5 - 287.3	19,362	POV100 32.4 POV200 70.0	White 37.9 Black 0.8 Asian/PI 0.8 Am. Ind. 1.3 Other/Multi 59.2	88.4	
32* Orange Cove/Parlier/ Reedley/Squaw Valley/ Tivy Valley/ Wonder Valley	40.5	111	45	31.5	13.5	142.9	107.4 - 189.9	52,445	POV100 27.3 POV200 58.1	White 50.3 Black 0.6 Asian/PI 2.9 Am. Ind. 1.8 Other/Multi 44.4	68.8	
35e* Fresno South and West	38.4	146	56	41.1	14.9	136.3	104.0 - 178.5	82,045	POV100 30.5 POV200 60.2	White 37.3 Black 11.7 Asian/PI 11.1 Am. Ind. 1.8 Other/Multi 38.1	52.6	
35d* Fresno East Central	36.3	179	65	49.6	15.4	131.0	102.3 - 167.8	95,443	POV100 35.0 POV200 65.4	White 39.0 Black 6.7 Asian/PI 14.9 Am. Ind. 1.9 Other/Multi 37.6	51.6	
35c Fresno West Central	35.1	211	74	59.6	14.4	124.2	97.9 - 157.4	86,386	POV100 32.2 POV200 60.3	White 47.3 Black 7.5 Asian/PI 8.7 Am. Ind. 2.1 Other/Multi 34.4	49.3	
30 Bowles/Caruthers/ Easton/Kingsburg/ Lanare/Laton/ Raisin City Riverdale/Selma	35.0	177	62	49.2	12.8	126.0	97.3 - 163.1	79,266	POV100 26.1 POV200 52.5	White 46.3 Black 7.7 Asian/PI 6.2 Am. Ind. 1.6 Other/Multi 38.2	54.2	

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35b Clovis West/Fresno East	34.8	247	86	69.9	16.1	123.0	98.5 - 153.6	81,668	POV100 12.5 POV200 31.8	White 68.5 Black 3.2 Asian/PI 8.8 Am. Ind. 1.5 Other/Multi 18.0	25.3	
31 Auberry/Calwa/ Centerville/ Clovis East/Del Rey/ Fowler/Friant/ Sanger/Shaver Lake	34.3	175	60	49.3	10.7	121.7	93.0 - 159.2	61,604	POV100 14.4 POV200 38.3	White 67.0 Black 0.7 Asian/PI 3.8 Am. Ind. 2.1 Other/Multi 26.3	43.3	
Fresno County*	33.7	2039	687	571.6	115.4	120.2	111.0 - 130.2	799,407	POV100 22.4 POV200 47.2	White 54.3 Black 5.3 Asian/PI 8.2 Am. Ind. 1.6 Other/Multi 30.6	44.0	
27 Coalinga	31.3	16	5	4.4	0.6	113.6	51.2 - 252.4	13,247	POV100 19.1 POV200 47.2	White 55.8 Black 2.1 Asian/PI 1.8 Am. Ind. 1.5 Other/Multi 38.8	52.5	
35a Fresno Northwest	30.0	416	125	118.4	6.6	105.6	87.1 - 127.9	106,133	POV100 5.4 POV200 14.9	White 76.9 Black 3.5 Asian/PI 8.5 Am. Ind. 0.7 Other/Multi 10.3	15.5	
29 Biola/Herndon/ Highway City/Kerman	29.6	54	16	14.9	1.1	107.4	64.1 - 179.8	25,484	POV100 21.5 POV200 53.5	White 50.2 Black 1.8 Asian/PI 7.4 Am. Ind. 1.8 Other/Multi 38.8	53.8	

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35f Fresno North Central	28.9	284	82	77.3	4.7	106.1	83.6 - 134.5	75,756	POV100 18.4 POV200 41.4	White 64.7 Black 5.6 Asian/PI 9.2 Am. Ind. 1.4 Other/Multi 19.0	25.9	
26 Cantua Creek/ San Joaquin/ Tranquility		<15 See Note.						7,463	POV100 28.4 POV200 71.2	White 40.0 Black 0.5 Asian/PI 2.3 Am. Ind. 1.5 Other/Multi 55.7	85.4	
28 Huron		<15 See Note.						13,105	POV100 21.7 POV200 45.7	White 29.9 Black 11.4 Asian/PI 0.5 Am. Ind. 0.9 Other/Multi 57.3	75.7	

* 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.