

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

Study Results								Demographics					
MSSA ID	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	95% C.I.	2010 Pop.	Poverty (%)	Race (%)	Hispanic Ethnicity (%)		
25 Firebaugh/Mendota	24	17	4	4.1	-0.1	97.6	32.8- 289.8	20,615	Pov100 39.6 Pov200 76.6	White 85.2 Black 0.4 Am. Ind. 1.2 Other/Multi 13.5 Asian/PI 1.4	92.6		
26 Cantua Creek/ San Joaquin/Tranquility	<15 cases See note.							6,566	Pov100 41.5 Pov200 80.5	White 90 Black 0.2 Am. Ind. 2.7 Other/Multi 5.8 Asian/PI 2	89.1		
27 Coalinga	38	26	10	6.4	3.6	156.3	89.1- 273.9	15,099	Pov100 22.5 Pov200 52.6	White 68.8 Black 10.2 Am. Ind. 3.4 Other/Multi 22.5 Asian/PI 1.9	51.6		
28 Huron	<15 cases See note.							8,117	Pov100 50 Pov200 86.3	White 85.9 Black 0.2 Am. Ind. 0.3 Other/Multi 14.6 Asian/PI 0.1	99		
29 Biola/Herndon/ Highway City/ Kerman	27	94	25	22.9	2.1	109.2	71.3- 167.2	34,871	Pov100 21.5 Pov200 48	White 72.2 Black 4.8 Am. Ind. 1.2 Other/Multi 18.5 Asian/PI 9.5	61.7		

MSSA ID	% Advanced	Total	Advanced	Advanced	Excess	PIR	95% C.I.	2010	Poverty (%)	Race (%)	Hispanic
MSSA Description	Stage	Cases	Observed	Expected	Advanced			Pop.			Ethnicity (%)
30 Bowles/Caruthers/ Easton/Kingsburg/ Lanare/Laton/ Raisin City/ Riverdale/Selma	31	238	73	58.1	14.9	125.6	98.3- 160.5	88,948	Pov100 26.2 Pov200 54.7	White 60.5 Black 5.9 Am. Ind. 2.3 Other/Multi 30.5 Asian/PI 8.5	62.3
31 Auberry/Calwa/ Centerville/Clovis East/ Del Rey/Fowler/Friant/ Sanger/Shaver Lake	24	313	75	77.4	-2.4	96.9	75- 125.2	90,997	Pov100 13.5 Pov200 28.1	White 72 Black 3.4 Am. Ind. 2.5 Other/Multi 20.7 Asian/PI 9.1	41.8
32* Orange Cove/Parlier/ Reedley/Squaw Valley/ Tivy Valley/ Wonder Valley	40	126	50	31.2	18.8	160.3	121.4- 211.6	61,008	Pov100 26.3 Pov200 57.1	White 71.5 Black 1.1 Am. Ind. 2 Other/Multi 29 Asian/PI 2.9	72.9
35a Fresno Northwest	22	579	127	142.3	-15.3	89.2	72.9- 109.2	134,279	Pov100 6 Pov200 1 8.9	White 75.8 Black 5.3 Am. Ind. 1.9 Other/Multi 14.2 Asian/PI 13.8	22.5
35b* Clovis West/ Fresno East	31	312	97	76.4	20.6	127	102.4- 157.5	93,908	Pov100 13.9 Pov200 32.4	White 63.3 Black 4.5 Am. Ind. 2.3 Other/Multi 23.4 Asian/PI 14.6	32.3
35c* Fresno West Central	33	202	67	49.3	17.7	135.9	105.3- 175.4	85,079	Pov100 32.9 Pov200 61.8	White 60.8 Black 8.1 Am. Ind. 2.9 Other/Multi 30 Asian/PI 7.5	56.4

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35d Fresno East Central	32	193	61	47.5	13.5	128.4	98- 168.3	101,315	Pov100 34.1 Pov200 65	White 42.6 Black 7.1 Am. Ind. 2.2 Other/Multi 37 Asian/PI 17.6	58.3
35e* Fresno South and West	36	163	58	40.7	17.3	142.5	110.2- 184.3	88,457	Pov100 31.1 Pov200 60.3	White 47.7 Black 11.5 Am. Ind. 2.7 Other/Multi 32.9 Asian/PI 12.8	60.4
35f Fresno North Central	28	304	85	73.9	11.1	115	90.8- 145.8	79,571	Pov100 20.3 Pov200 42.4	White 74.3 Black 8.1 Am. Ind. 2.6 Other/Multi 15.6 Asian/PI 10.2	32

* 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).