

Cervical Cancers: Percent Diagnosed Advanced Stage and Proportional Incidence Ratios (PIR) for MSSAs within Orange County, 2009-2013*

Study Results								Demographics									
MSSA ID MSSA Description	Proportion Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	95% C.I.	2010 Population	MSSA Designation	Federal Poverty Level (%)		Race (%)		Race (%)	Hispanic Ethnicity (%)	Primary Care Shortage Area (Yes/No)	Patient to Primary Care Physician Ratio***
115.1 Dana Point/San Clemente/San Juan Capistrano	<15 cases. See note.	110,202	Urban	Pov100 8.1 Pov200 20.4	White	83.3	19.9	No	.		
											Black	1					
											Am. Ind.	1.1					
											Other/Multi	15					
											Asian/PI	5.7					
115.2a Lake Forest East/Mission Viejo Central and South	60	15	9	6.1	2.9	147.5	91.8-237.2	108,797	Urban	Pov100 4.2 Pov200 12.9	White	78.7	17.8	No	.		
											Black	1.8					
											Am. Ind.	1					
											Other/Multi	12.9					
											Asian/PI	13.6					

* Medical Service Study Areas as defined by Office of Statewide Health Planning and Development (OSHPD).

** The proportion of advanced stage cervical cancers is significantly higher than in the comparison group (PIR p<0.01).

*** Patient to primary care physician ratio only provided for areas designated as Primary Care Shortage Areas by OSHPD. (Civilian Population:1 Physician).

Note: Statistical significance was not calculated for PIRs based on fewer than 15 total cervical cancer cases. Study results have been suppressed.

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115.2b Coto de Caza/Las Flores/Mission Viejo Northwest/Rancho Santa Margarita/Trabuco Canyon	54	24	13	8.6	4.4	151.2	97.8-233.7	132,190	Urban	Pov100	3.4	White	85.1	12.3	Yes	3,665	
										Pov200	8.7						
											Black						1.5
											Am. Ind.						0.7
											Other/Multi						8.5
	Asian/PI	11															
115.2c Aliso Viejo/Laguna Hills/Laguna Niguel	52	31	16	14.3	1.7	111.9	74.6-167.8	122,651	Urban	Pov100	5	White	80.5	13	No	.	
										Pov200	12.1						
											Black						2.9
											Am. Ind.						0.7
											Other/Multi						9.8
	Asian/PI	13.7															

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115.2d Laguna Beach/Laguna Woods	56	18	10	7.6	2.4	131.6	83.2-208.1	75,190	Urban	Pov100 Pov200	9.1 22.6	White	78.7	20.8	No	.	
												Black	1				
												Am. Ind.	1				
												Other/Multi	12.9				
												Asian/PI	11.5				
116a Buena Park/La Palma	<15 cases. See note.	79,311	Urban	Pov100 Pov200	10.5 31.7	White	51.1	39.5	No	.	
												Black	5.5				
												Am. Ind.	1.2				
												Other/Multi	20.2				
												Asian/PI	28.4				
116b Santa Ana Central**	69	26	18	9.4	8.6	191.5	144.2-254.4	115,581	Urban	Pov100 Pov200	22.8 57.1	White	45.1	90.7	Yes	1,519	
												Black	1				
												Am. Ind.	1				
												Other/Multi	50.8				
												Asian/PI	4				

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116c Anaheim West	50	22	11	10	1	110	69.1-175.2	122,087	Urban	Pov100 14.9 Pov200 39.2	White	47.1	45.9	Yes	2,145		
											Black	4					
											Am. Ind.	0.6					
											Other/Multi	29.6					
											Asian/PI	24					
116d Irvine South/Newport Beach/Newport Coast/San Joaquin Hills	<15 cases. See note.	145,518	Urban	Pov100 8.6 Pov200 16.1	White	80.1	7.5	No	.		
											Black	1.2					
											Am. Ind.	0.5					
											Other/Multi	5					
											Asian/PI	18.2					
116e Cypress/Los Alamitos/Rossmoor	44	16	7	6.1	0.9	114.8	58.3-225.8	113,696	Urban	Pov100 5.6 Pov200 17	White	66.9	17.4	No	.		
											Black	3					
											Am. Ind.	1.1					
											Other/Multi	10.7					
											Asian/PI	26.4					

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116f Fullerton Central and South**	67	15	10	5.9	4.1	169.5	111.7-257.1	103,829	Urban	Pov100 10.8 Pov200 29.7	White	56.1	35.4	No	.		
											Black	3.1					
											Am. Ind.	1.8					
											Other/Multi	23.1					
											Asian/PI	22.2					
116g Santa Ana South**	60	15	9	5.5	3.5	163.6	103.6-258.5	116,647	Urban	Pov100 15.7 Pov200 46.4	White	41.6	81.7	Yes	3,503		
											Black	1.6					
											Am. Ind.	0.8					
											Other/Multi	51					
											Asian/PI	8.9					
116h City of Orange South/Santa Ana North/Tustin Foothills/Tustin West	53	19	10	7.9	2.1	126.6	83.1-192.8	130,242	Urban	Pov100 12.3 Pov200 30	White	62.4	43.4	No	.		
											Black	2.1					
											Am. Ind.	0.9					
											Other/Multi	23.7					
											Asian/PI	16.1					

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116i Garden Grove South/Santa Ana West**	64	22	14	9.4	4.6	148.9	104-213.2	116,065	Urban	Pov100 17.4 Pov200 45.4	White	35.5	47	Yes	2,796
											Black	0.8			
											Am. Ind.	0.8			
											Other/Multi	24.7			
											Asian/PI	40.9			
116j Fountain Valley/Huntington Beach Central	<15 cases. See note.	77,229	Urban	Pov100 6.7 Pov200 17.6	White	65.9	14.3	No	.
											Black	1.7			
											Am. Ind.	1.6			
											Other/Multi	7.9			
											Asian/PI	30.2			
116k Brea West/Fullerton North/La Habra**	59	17	10	6	4	166.7	112.8-246.3	108,323	Urban	Pov100 8.6 Pov200 24.3	White	58.8	40.1	Yes	4,156
											Black	2.7			
											Am. Ind.	1.3			
											Other/Multi	26.2			
											Asian/PI	17.5			

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116l Anaheim Central**	86	22	19	9.6	9.4	197.9	161.5-242.6	96,505	Urban	Pov100 19.5 Pov200 49.4	White	65.3	70.2	No	.	
											Black	3				
											Am. Ind.	0.6				
											Other/Multi	24.8				
											Asian/PI	11.1				
116m Brea East/Placentia Central and North/Yorba Linda	45	22	10	9	1	111.1	65.7-188	134,780	Urban	Pov100 5.5 Pov200 15.7	White	73	20	No	.	
											Black	2.2				
											Am. Ind.	1.1				
											Other/Multi	11.4				
											Asian/PI	18.9				
116n Anaheim Hills/City of Orange East/Villa Park	<15 cases. See note.	128,451	Urban	Pov100 5.4 Pov200 15.1	White	70.8	24	No	.	
											Black	1.3				
											Am. Ind.	1				
											Other/Multi	16.4				
											Asian/PI	17.1				

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116o Irvine Central/Tustin East	<15 cases. See note.	86,324	Urban	Pov100 Pov200	7.5 16.6	White	59	12.3	No	.	
												Black	3.4				
												Am. Ind.	0.5				
												Other/Multi	7.4				
												Asian/PI	36.4				
116p Costa Mesa	53	17	9	7	2	128.6	75-220.5	109,198	Urban	Pov100 Pov200	14.1 32	White	71.4	35.5	No	.	
												Black	1.9				
												Am. Ind.	0.7				
												Other/Multi	16.9				
												Asian/PI	13.3				
116q Anaheim East/City of Orange North/Placentia Southwest**	60	25	15	9.1	5.9	164.8	113.5-239.3	113,806	Urban	Pov100 Pov200	13.4 35.5	White	68.2	53.9	Yes	4,144	
												Black	2.3				
												Am. Ind.	1				
												Other/Multi	23.3				
												Asian/PI	11				

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116r Garden Grove North/Stanton**	62	29	18	10.5	7.5	171.4	123.4-238.2	125,853	Urban	Pov100 13.3 Pov200 38	White	46.9	47.9	No	.
											Black	1.9			
											Am. Ind.	1			
											Other/Multi	26.7			
											Asian/PI	28.7			
116s Huntington Beach North/Seal Beach East/Westminster	57	21	12	9.3	2.7	129	83.1-200.3	124,466	Urban	Pov100 13.9 Pov200 35.5	White	44	29.1	No	.
											Black	1.1			
											Am. Ind.	0.7			
											Other/Multi	17.3			
											Asian/PI	41.5			
116t Huntington Beach South	<15 cases. See note.	80,986	Urban	Pov100 6.1 Pov200 14.1	White	85.9	12.7	Yes	4,048
											Black	0.9			
											Am. Ind.	0.8			
											Other/Multi	5.9			
											Asian/PI	11.7			

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116u Huntington Beach West/Seal Beach West	<15 cases. See note.	85,913	Urban	Pov100 5.7 Pov200 14.9	White	83.9	12.1	No	.	
												Black				0.9
												Am. Ind.				1
												Other/Multi				7.3
												Asian/PI				12.2
116v Foothill Ranch/IrvineNortheast/ Lake Forest West/Portola Hills/Tustin East	28	18	5	6.9	-1.9	72.5	32.1-163.6	101,685	Urban	Pov100 4.4 Pov200 9.9	White	62.4	10.6	Yes	9,176	
												Black				2
												Am. Ind.				0.6
												Other/Multi				7.9
												Asian/PI				35

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