

Colorectal Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within Orange 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 (%)	
115.1 Dana Point/San Clemente/San Juan Capistrano	57	199	114	104.5	9.5	109.1	93.5- 127.3	110,202	Pov100 8.1 Pov200 20.4	White 83.3 Black 1 Am. Ind. 1.1 Other/Multi 15 Asian/PI 5.7	19.9	
115.2a Lake Forest East/Mission Viejo Central and South	49	148	73	77	-4	94.8	76.9- 116.9	108,797	Pov100 4.2 Pov200 12.9	White 78.7 Black 1.8 Am. Ind. 1 Other/Multi 12.9 Asian/PI 13.6	17.8	
115.2b Coto de Caza/ Las Flores/Mission Viejo Northwest/Rancho Santa Margarita/ Trabuco Canyon	46	140	65	73.4	-8.4	88.6	70.3- 111.5	132,190	Pov100 3.4 Pov200 8.7	White 85.1 Black 1.5 Am. Ind. 0.7 Other/Multi 8.5 Asian/PI 11	12.3	
115.2c Aliso Viejo/Laguna Hills/Laguna Niguel	54	159	86	82.7	3.3	104	86.2- 125.4	122,651	Pov100 5 Pov200 12.1	White 80.5 Black 2.9 Am. Ind. 0.7 Other/Multi 9.8 Asian/PI 13.7	13	
115.2d Laguna Beach/ Laguna Woods	53	255	136	135.6	0.4	100.3	86.3- 116.5	75,190	Pov100 9.1 Pov200 22.6	White 78.7 Black 1 Am. Ind. 1 Other/Multi 12.9 Asian/PI 11.5	20.8	

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MSSA Description	Stage	Cases	Observed	Expected	Advanced			Pop.			Ethnicity (%)
116a Buena Park/La Palma	54	153	82	80	2	102.5	85- 123.7	79,311	Pov100 10.5 Pov200 31.7	White 51.1 Black 5.5 Am. Ind. 1.2 Other/Multi 20.2 Asian/PI 28.4	39.5
116b Santa Ana Central	56	91	51	47.7	3.3	106.9	84.8- 134.8	115,581	Pov100 22.8 Pov200 57.1	White 45.1 Black 1 Am. Ind. 1 Other/Multi 50.8 Asian/PI 4	90.7
116c Anaheim West	48	198	96	104	-8	92.3	76.5- 111.4	122,087	Pov100 14.9 Pov200 39.2	White 47.1 Black 4 Am. Ind. 0.6 Other/Multi 29.6 Asian/PI 24	45.9
116d Irvine South/Newport Beach/Newport Coast/San Joaquin Hills	44	216	95	114	-19	83.3	68.4- 101.5	145,518	Pov100 8.6 Pov200 16.1	White 80.1 Black 1.2 Am. Ind. 0.5 Other/Multi 5 Asian/PI 18.2	7.5
116e Cypress/Los Alamitos/Rossmoor	46	274	127	143.4	-16.4	88.6	75- 104.6	113,696	Pov100 5.6 Pov200 17	White 66.9 Black 3 Am. Ind. 1.1 Other/Multi 10.7 Asian/PI 26.4	17.4
116f Fullerton Central and South	45	186	83	97.9	-14.9	84.8	68.9- 104.3	103,829	Pov100 10.8 Pov200 29.7	White 56.1 Black 3.1 Am. Ind. 1.8 Other/Multi 23.1 Asian/PI 22.2	35.4

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116g Santa Ana South	55	97	53	50.2	2.8	105.6	83.2- 133.9	116,647	Pov100 15.7 Pov200 46.4	White 41.6 Black 1.6 Am. Ind. 0.8 Other/Multi 51 Asian/PI 8.9	81.7
116h City of Orange South/Santa Ana North/Tustin Foothills/Tustin West	47	209	98	110.1	-12.1	89	73.7- 107.5	130,242	Pov100 12.3 Pov200 30	White 62.4 Black 2.1 Am. Ind. 0.9 Other/Multi 23.7 Asian/PI 16.1	43.4
116i Garden Grove South/Santa Ana West	56	163	92	85.4	6.6	107.7	90.6- 128.1	116,065	Pov100 17.4 Pov200 45.4	White 35.5 Black 0.8 Am. Ind. 0.8 Other/Multi 24.7 Asian/PI 40.9	47
116j Fountain Valley/ Huntington Beach Central	60	160	96	83.4	12.6	115.1	97.6- 135.7	77,229	Pov100 6.7 Pov200 17.6	White 65.9 Black 1.7 Am. Ind. 1.6 Other/Multi 7.9 Asian/PI 30.2	14.3
116k Brea West/Fullerton North/La Habra	46	205	95	107.3	-12.3	88.5	73.2- 107	108,323	Pov100 8.6 Pov200 24.3	White 58.8 Black 2.7 Am. Ind. 1.3 Other/Multi 26.2 Asian/PI 17.5	40.1
116l Anaheim Central	47	120	56	62.9	-6.9	89	69.4- 114.2	96,505	Pov100 19.5 Pov200 49.4	White 65.3 Black 3 Am. Ind. 0.6 Other/Multi 24.8 Asian/PI 11.1	70.2

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116m Brea East/Placentia Central and North/ Yorba Linda	47	270	126	140.7	-14.7	89.6	75.9- 105.7	134,780	Pov100 5.5 Pov200 15.7	White 73 Black 2.2 Am. Ind. 1.1 Other/Multi 11.4 Asian/PI 18.9	20
116n Anaheim Hills/City of Orange East/Villa Park	50	200	100	104.2	-4.2	96	80.1- 115	128,451	Pov100 5.4 Pov200 15.1	White 70.8 Black 1.3 Am. Ind. 1 Other/Multi 16.4 Asian/PI 17.1	24
116o Irvine Central/Tustin East	55	118	65	61.5	3.5	105.7	85.5- 130.6	86,324	Pov100 7.5 Pov200 16.6	White 59 Black 3.4 Am. Ind. 0.5 Other/Multi 7.4 Asian/PI 36.4	12.3
116p Costa Mesa	59	164	97	85.2	11.8	113.8	96.4- 134.4	109,198	Pov100 14.1 Pov200 32	White 71.4 Black 1.9 Am. Ind. 0.7 Other/Multi 16.9 Asian/PI 13.3	35.5
116q Anaheim East/City of Orange North/Placentia Southwest	49	165	81	86.2	-5.2	94	76.8- 115	113,806	Pov100 13.4 Pov200 35.5	White 68.2 Black 2.3 Am. Ind. 1 Other/Multi 23.3 Asian/PI 11	53.9
116r Garden Grove North/Stanton	52	200	103	104	-1	99	83- 118.1	125,853	Pov100 13.3 Pov200 38	White 46.9 Black 1.9 Am. Ind. 1 Other/Multi 26.7 Asian/PI 28.7	47.9

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116s Huntington Beach North/ Seal Beach East/ Westminster	51	233	118	121.4	-3.4	97.2	82.3- 114.7	124,466	Pov100 13.9 Pov200 35.5	White 44 Black 1.1 Am. Ind. 0.7 Other/Multi 17.3 Asian/PI 41.5	29.1
116t Huntington Beach South	42	173	72	90.4	-18.4	79.6	63.2- 100.4	80,986	Pov100 6.1 Pov200 14.1	White 85.9 Black 0.9 Am. Ind. 0.8 Other/Multi 5.9 Asian/PI 11.7	12.7
116u Huntington Beach West/ Seal Beach West	58	220	127	116.2	10.8	109.3	94.3- 126.7	85,913	Pov100 5.7 Pov200 14.9	White 83.9 Black 0.9 Am. Ind. 1 Other/Multi 7.3 Asian/PI 12.2	12.1
116v Foothill Ranch/ IrvineNortheast/ Lake Forest West/ Portola Hills/ Tustin East	49	131	64	68	-4	94.1	74.9- 118.2	101,685	Pov100 4.4 Pov200 9.9	White 62.4 Black 2 Am. Ind. 0.6 Other/Multi 7.9 Asian/PI 35	10.6

Source: California Cancer Registry (May 2014).