

Colorectal Cancer: % Diagnosed Advanced Stage and PIRs for MSSAs within Kern 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 (%) | |
| 57.1 Fort Tejon/Frazier Park/Lebec/Pine Mountain | | <15 cases See note. | | | | | | 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 | 39 | 33 | 13 | 17 | -4 | 76.5 | 46.8- 125 | 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 | 35 | 26 | 9 | 13.5 | -4.5 | 66.7 | 34.9- 127.2 | 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 | | <15 cases See note. | | | | | | 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 MSSA Description | % Advanced Stage | Total Cases | Advanced Observed | Advanced Expected | Excess Advanced | PIR | 95% C.I. | 2010 Pop. | Poverty (%) Pov100 Pov200 | Race (%) White Black Am. Ind. Other/Multi Asian/PI | Hispanic Ethnicity (%) |
|---|---------------------|----------------|----------------------|----------------------|--------------------|-------|-------------|--------------|---------------------------------|---|------------------------------|
| 60 Delano/McFarland | 63 | 52 | 33 | 26.9 | 6.1 | 122.7 | 94- 160.1 | 66,660 | 29.9 64.7 | 66.4 4.8 1.8 21.3 13 | 75.1 |
| 61 Arvin/Lamont/Weed Patch | 62 | 26 | 16 | 13.4 | 2.6 | 119.4 | 80.8- 176.5 | 40,749 | 30.9 75 | 64.4 0.5 1.3 35 1.6 | 89.7 |
| 62 Bear Valley Springs/ Keene/Stallion Springs/ Tehachapi | 49 | 68 | 33 | 35.3 | -2.3 | 93.5 | 68.4- 127.8 | 35,913 | 12.7 30.7 | 85.2 5.4 3.5 12 3 | 23.5 |
| 63 Alta Sierra/Bodfish/ Glennville/Kernville/ Lake Isabella/Weldon/ Wofford Heights | 58 | 52 | 30 | 27 | 3 | 111.1 | 83.6- 147.6 | 15,865 | 18.6 47.4 | 95.2 1.2 4.4 4.8 0.5 | 8.7 |
| 64 Inyokern/Ridgecrest | 51 | 55 | 28 | 28.8 | -0.8 | 97.2 | 69.7- 135.6 | 33,721 | 13.5 30.6 | 83.7 6.7 3.2 12.1 7 | 14.5 |
| 65 Boron/California City/Desert Lake/Mojave/North Edwards/Rosamond | 58 | 48 | 28 | 25 | 3 | 112 | 82.3- 152.4 | 43,280 | 23.3 45.2 | 69.6 11 2.7 19.7 4.7 | 29.7 |

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|--|------------------|-------------|-------------------|-------------------|-----------------|-------|-------------|-----------|---------------------------------|---|------------------------|
| 66a Bakersfield Northeast/ Oildale | 55 | 181 | 99 | 94.2 | 4.8 | 105.1 | 88.3- 125.1 | 101,964 | 19.2 42.3 | 69.8 4.3 2.8 29.9 2.6 | 38.8 |
| 66b Bakersfield East/ Lakeview/ La Loma | 58 | 174 | 101 | 90.4 | 10.6 | 111.7 | 95- 131.4 | 137,391 | 33.6 65.9 | 48.8 10.3 2.6 44.6 2.2 | 70.9 |
| 66c Bakersfield Southwest | 58 | 180 | 104 | 93.8 | 10.2 | 110.9 | 94.2- 130.5 | 143,750 | 15.6 36.9 | 64.2 9.6 1.6 25.1 8.7 | 44.5 |
| 66d Bakersfield Northwest/ Rosedale | 49 | 167 | 82 | 86.9 | -4.9 | 94.4 | 77.1- 115.4 | 113,409 | 7 18.4 | 83.2 3.7 1.8 12.9 6.7 | 22.7 |

* The proportion of advanced stage colorectal 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 colorectal cancer cases.

Source: California Cancer Registry (May 2014).