

Oral and Oropharyngeal Cancers: Percent Diagnosed Advanced Stage and Proportional Incidence Ratios (PIR) for MSSAs\*\*\* within San Bernardino County, 2008-2012

| Study Results                                   |                                 |                |                      |                      |                    |     |          | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|---|---------------------------------|----------------|----------------------|----------------------|--------------------|-----|----------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description                     | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR | 95% C.I. | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 142 Argus/Borosalvay/Trona                      | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 2,659              | Frontier            | Pov100<br>Pov200                | 29.4<br>41.4 | White       | 93.4        | 5.1                          | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 1.5         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 4.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 6.8         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 3.5         |                              |  |                                     |
| 143 Big River/Needles                           | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 6,647              | Frontier            | Pov100<br>Pov200                | 23.7<br>48   | White       | 80.7        | 14.3                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 3.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 13.1        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 6.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 1.1         |                              |  |                                     |
| 144.1 USMC Air-Ground<br>Combat Training Center | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 11,452             | Rural               | Pov100<br>Pov200                | 11.6<br>43.4 | White       | 83.9        | 20.1                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 6.8         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 3.7         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 7.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 3.4         |                              |  |                                     |

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

\*\* Patient to dentist ratio only provided for Dental Health Primary Care Shortage Areas.

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

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

Source: California Cancer Registry, California Department of Public Health (January 2016).

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| Study Results   |                                 |                |                      |                      |                    |       |            | Demographics       |                     |                                 |              |             |             |                              |  |                            |
|---|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|------------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|----------------------------|
| MSSA ID<br>MSSA Description   | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR   | 95% C.I.   | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist** |
| 144.2 Joshua<br>Tree/Landers/Morongo<br>Valley/Rimrock/Yucca<br>Valley          | 75                              | 32             | 24                   | 19.8                 | 4.2                | 121.2 | 94.4-155.7 | 40,958             | Rural               | Pov100<br>Pov200                | 16.9<br>41.3 | White       | 87.9        | 14.8                         | No   | .                          |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 2.3         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.8         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 11          |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 1.9         |                              |  |                            |
| 144.3 Cadiz/Twentynine<br>Palms   | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 19,199             | Rural               | Pov100<br>Pov200                | 16.6<br>41.3 | White       | 81.3        | 15.6                         | No   | .                          |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 9.7         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.2         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 9.5         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 6.5         |                              |  |                            |
| 145.1a Hesperia<br>West/Mountain View<br>Acres/Victorville Central<br>and South | 74                              | 62             | 46                   | 39.1                 | 6.9                | 117.6 | 97.9-141.4 | 170,866            | Urban               | Pov100<br>Pov200                | 19.5<br>41.7 | White       | 71.5        | 46.6                         | No   | .                          |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 11.6        |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.2         |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 18          |                              |  |                            |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 4.4         |                              |  |                            |

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| Study Results  |                                 |                |                      |                      |                    |       |            | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|--|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|------------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description                                | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR   | 95% C.I.   | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 145.1b Apple<br>Valley/Hesperia East                       | 70                              | 63             | 44                   | 38.9                 | 5.1                | 113.1 | 92.8-137.9 | 111,160            | Urban               | Pov100<br>Pov200                | 17.2<br>38.8 | White       | 80.6        | 31.1                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 8.5         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 1.8         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 12.7        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 3.1         |                              |  |                                     |
| 145.2 Adelanto/Phelan/Pinon<br>Hills/Victorville Northwest | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 54,324             | Rural               | Pov100<br>Pov200                | 22.8<br>48.6 | White       | 65.3        | 46.3                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 20          |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.2         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 18          |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 6.1         |                              |  |                                     |
| 145.3 Lucerne Valley                                       | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 4,322              | Rural               | Pov100<br>Pov200                | 14.3<br>25.6 | White       | 88.9        | 19.5                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 2.7         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 1.6         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 10          |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 0           |                              |  |                                     |

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| Study Results   |                                 |                |                      |                      |                    |     |          | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|---|---------------------------------|----------------|----------------------|----------------------|--------------------|-----|----------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description   | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR | 95% C.I. | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 146 Big Bear<br>Lake/Fawnskin/Moorridge/<br>Running Springs/Sugarloaf | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 24,368             | Rural               | Pov100<br>Pov200                | 16.1<br>37.8 | White       | 83.9        | 21.4                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 1.7         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 1.8         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 14.2        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 2           |                              |  |                                     |
| 147 Blue<br>Jay/Crestline/Lake<br>Arrowhead/Skyforest/Twin<br>Peaks   | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 19,897             | Rural               | Pov100<br>Pov200                | 13.6<br>32.6 | White       | 85.1        | 19.6                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 2.8         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 1.1         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 11.1        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 2.3         |                              |  |                                     |
| 148 Lytle<br>Creek/Wrightwood   | <15 cases. See note.            | .              | .                    | .                    | .                  | .   | .        | 6,428              | Rural               | Pov100<br>Pov200                | 5<br>12.3    | White       | 96.1        | 11.7                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Black       | 0           |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Am. Ind.    | 0.7         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Other/Multi | 1.5         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |     |          |                    |                     |                                 |              | Asian/PI    | 3           |                              |  |                                     |

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| Study Results  |                                 |                |                      |                      |                    |       |            | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|--|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|------------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description  | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR   | 95% C.I.   | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 149<br>Barstow/Daggett/Lenwood/<br>Nebo Center/Oro<br>Grande/Yermo   | 66                              | 32             | 21                   | 20.1                 | 0.9                | 104.5 | 77.2-141.5 | 51,013             | Rural               | Pov100<br>Pov200                | 19.4<br>41.5 | White       | 72.6        | 33.3                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 11.4        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 3.8         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 18.8        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 4.4         |                              |  |                                     |
| 150<br>Baker/Harvard/Newberry<br>Springs                             | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 13,678             | Frontier            | Pov100<br>Pov200                | 14.5<br>40   | White       | 72.6        | 29.4                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 12.4        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.4         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 12.7        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 7.1         |                              |  |                                     |
| 151a Chino Hills/Chino<br>West Central/Los<br>Serranos/Sleepy Hollow | 66                              | 62             | 41                   | 37.6                 | 3.4                | 109   | 89-133.6   | 125,453            | Urban               | Pov100<br>Pov200                | 5.5<br>17.1  | White       | 58.5        | 39.6                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 6.4         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 1.5         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 19.6        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 22.5        |                              |  |                                     |

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| 151b Ontario<br>Northeast/Rancho<br>Cucamonga South                       | 72                              | 36             | 26                   | 22.6                 | 3.4                | 115   | 90.3-146.6 | 95,616             | Urban               | Pov100<br>Pov200                | 9.7<br>30.3  | White       | 63.7        | 50.4                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 10.3        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 3           |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 28.2        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 8           |                              |  |                                     |
| 151c Montclair/Ontario<br>Northwest/Upland South                          | 74                              | 47             | 35                   | 29                   | 6                  | 120.7 | 98.1-148.5 | 124,611            | Urban               | Pov100<br>Pov200                | 15.9<br>43.9 | White       | 48.1        | 69.8                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 5.9         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 3.1         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 46.9        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 7           |                              |  |                                     |
| 151d Rancho<br>Cucamonga Northwest/San<br>Antonio Heights/Upland<br>North | 68                              | 44             | 30                   | 26.9                 | 3.1                | 111.5 | 85.9-144.8 | 85,338             | Urban               | Pov100<br>Pov200                | 6.8<br>16.7  | White       | 73.3        | 29.2                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 5.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.3         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 21.1        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 11.2        |                              |  |                                     |

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|---|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|------------|--------------------|---------------------|---------------------------------|--------------|-------------|------|------|----|------------------------------|--|-------------------------------------|
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| 151e Fontana<br>North/Rancho Cucamonga<br>Northwest/Rialto Northeast      | 65                              | 65             | 42                   | 39.7                 | 2.3                | 105.8 | 83.7-133.7 | 176,224            | Urban               | Pov100<br>Pov200                | 4.8<br>17.3  | White       | 57.9 | 41.9 | No | .                            |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 15.6 |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2    |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 23.1 |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 13   |      |    |                              |  |                                     |
| 151f Bloomington/Colton<br>Central and West/Fontana<br>South/Rialto South | 68                              | 31             | 21                   | 18.9                 | 2.1                | 111.1 | 85.4-144.6 | 143,969            | Urban               | Pov100<br>Pov200                | 16.6<br>50   | White       | 62.4 | 77.5 | No | .                            |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 6.3  |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.2  |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 32.3 |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 3.8  |      |    |                              |  |                                     |
| 151g Muscoy/San<br>Bernardino Central                                     | 60                              | 35             | 21                   | 21.2                 | -0.2               | 99.1  | 73.8-133   | 126,048            | Urban               | Pov100<br>Pov200                | 28.3<br>56.9 | White       | 47.2 | 65.7 | No | .                            |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 16.3 |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 1.4  |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 36.7 |      |    |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 4.2  |      |    |                              |  |                                     |

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

\*\* Patient to dentist ratio only provided for Dental Health Primary Care Shortage Areas.

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

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

Source: California Cancer Registry, California Department of Public Health (January 2016).

| Study Results  |                                 |                |                      |                      |                    |       |             | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|--|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|-------------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description  | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR   | 95% C.I.    | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 151h Fontana<br>Central/Rialto Central*                                | 79                              | 34             | 27                   | 21.1                 | 5.9                | 128   | 106.6-153.6 | 131,595            | Urban               | Pov100<br>Pov200                | 20<br>54     | White       | 63.1        | 73.1                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Black       | 13.3        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Am. Ind.    | 1.7         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Other/Multi | 25.8        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Asian/PI    | 3.5         |                              |  |                                     |
| 151i Colton<br>Southeast/Grand<br>Terrace/Loma<br>Linda/Redlands North | 68                              | 47             | 32                   | 28                   | 4                  | 114.3 | 90.6-144.1  | 100,669            | Urban               | Pov100<br>Pov200                | 10.8<br>27.3 | White       | 61.1        | 34.9                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Black       | 8.7         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Am. Ind.    | 1.4         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Other/Multi | 21.4        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Asian/PI    | 15.5        |                              |  |                                     |
| 151j Mentone/Redlands<br>South/Yucaipa                                 | 61                              | 62             | 38                   | 37.3                 | 0.7                | 101.9 | 80.1-129.6  | 99,945             | Urban               | Pov100<br>Pov200                | 8.6<br>23.2  | White       | 83          | 23.7                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Black       | 3.7         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Am. Ind.    | 1.8         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Other/Multi | 13.4        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |             |                    |                     |                                 |              | Asian/PI    | 6.6         |                              |  |                                     |

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

Source: California Cancer Registry, California Department of Public Health (January 2016).



| Study Results  |                                 |                |                      |                      |                    |       |            | Demographics       |                     |                                 |              |             |             |                              |  |                                     |
|--|---------------------------------|----------------|----------------------|----------------------|--------------------|-------|------------|--------------------|---------------------|---------------------------------|--------------|-------------|-------------|------------------------------|--|-------------------------------------|
| MSSA ID<br>MSSA Description                          | Proportion<br>Advanced<br>Stage | Total<br>Cases | Advanced<br>Observed | Advanced<br>Expected | Excess<br>Advanced | PIR   | 95% C.I.   | 2010<br>Population | MSSA<br>Designation | Federal<br>Poverty<br>Level (%) |              | Race (%)    | Race<br>(%) | Hispanic<br>Ethnicity<br>(%) | Dental<br>Health<br>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 151k Highland/San Bernardino East                    | 57                              | 49             | 28                   | 30.7                 | -2.7               | 91.2  | 67.3-123.6 | 120,383            | Urban               | Pov100<br>Pov200                | 27.6<br>53.1 | White       | 53.9        | 53                           | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 14.7        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 1.7         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 30.8        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 7.3         |                              |  |                                     |
| 151l Chino Northeast/Fontana Southwest/Ontario South | 74                              | 39             | 29                   | 24.6                 | 4.4                | 117.9 | 95.4-145.7 | 138,465            | Urban               | Pov100<br>Pov200                | 7.4<br>25.2  | White       | 56.8        | 57.7                         | No   | .                                   |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Black       | 10.8        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Am. Ind.    | 2.3         |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Other/Multi | 31.5        |                              |  |                                     |
|  |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |              | Asian/PI    | 8.7         |                              |  |                                     |

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