

**Oral and Oropharyngeal Cancers: Percent Diagnosed Advanced Stage and Proportional Incidence Ratios (PIR) for MSSAs\*\*\* within Placer 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>Professional<br>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 117 Dollar Point/Kings<br>Beach/Sunnyside/Tahoe<br>City/Tahoe Vista | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 11,664             | Rural               | Pov100<br>Pov200                | 8.6<br>24.6 | White       | 94          | 26.5                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Black       | 0.5         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Am. Ind.    | 0.6         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Other/Multi | 6.5         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Asian/PI    | 1.4         |                              |  |                                     |
| 118 Colfax/Meadow Vista   | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .          | 26,629             | Rural               | Pov100<br>Pov200                | 6.2<br>18.2 | White       | 93.8        | 7.7                          | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Black       | 1.1         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Am. Ind.    | 2.7         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Other/Multi | 6.4         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Asian/PI    | 2.4         |                              |  |                                     |
| 119 Auburn/Newcastle/Lincoln/<br>Sheridan                           | 72                              | 72             | 52                   | 44.4                 | 7.6                | 117.1 | 97.8-140.2 | 81,892             | Urban               | Pov100<br>Pov200                | 7.3<br>21.6 | White       | 87.6        | 13.8                         | No   | .                                   |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Black       | 2           |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Am. Ind.    | 2.1         |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Other/Multi | 10.2        |                              |  |                                     |
|   |                                 |                |                      |                      |                    |       |            |                    |                     |                                 |             | Asian/PI    | 5.3         |                              |  |                                     |

\* 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>Shortage<br>Area<br>(Yes/No) | Patient<br>to<br>Dentist<br>Ratio** |
| 120 Foresthill              | <15 cases. See note.            | .              | .                    | .                    | .                  | .     | .         | 6,082              | Frontier            | Pov100<br>Pov200                | 14<br>25.2  | White       | 94.8        | 3.4                          | No   | .                                   |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Black       | 0.3         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Am. Ind.    | 3.8         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Other/Multi | 3.6         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Asian/PI    | 3.1         |                              |  |                                     |
| 121.1 Roseville*            | 74                              | 69             | 51                   | 41.3                 | 9.7                | 123.5 | 103.7-147 | 103,718            | Urban               | Pov100<br>Pov200                | 7.6<br>19.3 | White       | 84.3        | 14.7                         | No   | .                                   |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Black       | 2.3         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Am. Ind.    | 1.9         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Other/Multi | 8.2         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Asian/PI    | 9.2         |                              |  |                                     |
| 121.2 Rocklin/Granite Bay   | 52                              | 56             | 29                   | 34.6                 | -5.6               | 83.8  | 60.6-116  | 106,492            | Urban               | Pov100<br>Pov200                | 4.5<br>11.3 | White       | 87.9        | 8.8                          | No   | .                                   |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Black       | 1.9         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Am. Ind.    | 1.2         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Other/Multi | 6.6         |                              |  |                                     |
|                             |                                 |                |                      |                      |                    |       |           |                    |                     |                                 |             | Asian/PI    | 10.4        |                              |  |                                     |

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