



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL          | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|----------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |                | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>CALIFORNIA</b>            | <b>390,058</b> | <b>365,859</b>    | <b>93.8</b> | <b>(93.7 - 93.9)</b>  | <b>273,899</b>          | <b>70.2</b> | <b>(70.1 - 70.4)</b>  |
| African American             | 18,159         | 15,886            | 87.5        | (87.0 - 88.0)         | 11,192                  | 61.6        | (60.9 - 62.3)         |
| American Indian              | 649            | 601               | 92.6        | (90.3 - 94.4)         | 496                     | 76.4        | (73.0 - 79.5)         |
| Asian                        | 54,658         | 51,271            | 93.8        | (93.6 - 94.0)         | 35,074                  | 64.2        | (63.8 - 64.6)         |
| Multiple Race                | 15,552         | 14,440            | 92.8        | (92.4 - 93.2)         | 11,761                  | 75.6        | (74.9 - 76.3)         |
| Pacific Islander             | 524            | 469               | 89.5        | (86.6 - 91.8)         | 341                     | 65.1        | (60.9 - 69.0)         |
| Other                        | 5,989          | 5,440             | 90.8        | (90.1 - 91.5)         | 3,952                   | 66.0        | (64.8 - 67.2)         |
| White                        | 99,850         | 95,462            | 95.6        | (95.5 - 95.7)         | 81,849                  | 82.0        | (81.7 - 82.2)         |
| Hispanic                     | 184,791        | 172,915           | 93.6        | (93.5 - 93.7)         | 122,078                 | 66.1        | (65.8 - 66.3)         |
| Missing                      | 9,886          | .                 | .           | .                     | .                       | .           | .                     |
| <b>ALAMEDA</b>               | <b>15,962</b>  | <b>15,408</b>     | <b>96.5</b> | <b>(96.2 - 96.8)</b>  | <b>12,593</b>           | <b>78.9</b> | <b>(78.3 - 79.5)</b>  |
| African American             | 1,206          | 1,122             | 93.0        | (91.5 - 94.3)         | 878                     | 72.8        | (70.2 - 75.2)         |
| American Indian              | 10             | 10                | 100.0       | (72.2 - 100.0)        | .                       | .           | .                     |
| Asian                        | 5,033          | 4,910             | 97.6        | (97.1 - 97.9)         | 3,979                   | 79.1        | (77.9 - 80.2)         |
| Multiple Race                | 743            | 711               | 95.7        | (94.0 - 96.9)         | 613                     | 82.5        | (79.6 - 85.1)         |
| Pacific Islander             | 32             | 28                | 87.5        | (71.9 - 95.0)         | 21                      | 65.6        | (48.3 - 79.6)         |
| Other                        | 486            | 468               | 96.3        | (94.2 - 97.6)         | 372                     | 76.5        | (72.6 - 80.1)         |
| White                        | 3,607          | 3,519             | 97.6        | (97.0 - 98.0)         | 3,098                   | 85.9        | (84.7 - 87.0)         |
| Hispanic                     | 4,127          | 3,939             | 95.4        | (94.8 - 96.0)         | 3,045                   | 73.8        | (72.4 - 75.1)         |
| Missing                      | 718            | .                 | .           | .                     | .                       | .           | .                     |
| <b>ALPINE</b>                | <b>4</b>       | .                 | .           | .                     | .                       | .           | .                     |
| African American             | .              | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 2              | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | .              | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | .              | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .              | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .              | .                 | .           | .                     | .                       | .           | .                     |
| White                        | .              | .                 | .           | .                     | .                       | .           | .                     |
| Hispanic                     | 1              | .                 | .           | .                     | .                       | .           | .                     |
| Missing                      | 1              | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>AMADOR</b>                | <b>261</b>   | <b>249</b>        | <b>95.4</b> | <b>(92.1 - 97.4)</b>  | <b>221</b>              | <b>84.7</b> | <b>(79.8 - 88.5)</b>  |
| African American             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 4            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 20           | 19                | 95.0        | (76.4 - 99.1)         | 16                      | 80.0        | (58.4 - 91.9)         |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 184          | 176               | 95.7        | (91.7 - 97.8)         | 161                     | 87.5        | (81.9 - 91.5)         |
| Hispanic                     | 46           | 44                | 95.7        | (85.5 - 98.8)         | 36                      | 78.3        | (64.4 - 87.7)         |
| Missing                      | 4            | .                 | .           | .                     | .                       | .           | .                     |
| <b>BUTTE</b>                 | <b>1,897</b> | <b>1,768</b>      | <b>93.2</b> | <b>(92.0 - 94.2)</b>  | <b>1,511</b>            | <b>79.7</b> | <b>(77.8 - 81.4)</b>  |
| African American             | 22           | 20                | 90.9        | (72.2 - 97.5)         | 17                      | 77.3        | (56.6 - 89.9)         |
| American Indian              | 17           | 16                | 94.1        | (73.0 - 99.0)         | 15                      | 88.2        | (65.7 - 96.7)         |
| Asian                        | 64           | 44                | 68.8        | (56.6 - 78.8)         | 25                      | 39.1        | (28.1 - 51.3)         |
| Multiple Race                | 144          | 126               | 87.5        | (81.1 - 91.9)         | 102                     | 70.8        | (62.9 - 77.6)         |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 49           | 34                | 69.4        | (55.5 - 80.5)         | 16                      | 32.7        | (21.2 - 46.6)         |
| White                        | 1,112        | 1,070             | 96.2        | (94.9 - 97.2)         | 962                     | 86.5        | (84.4 - 88.4)         |
| Hispanic                     | 437          | 410               | 93.8        | (91.2 - 95.7)         | 333                     | 76.2        | (72.0 - 80.0)         |
| Missing                      | 52           | .                 | .           | .                     | .                       | .           | .                     |
| <b>CALAVERAS</b>             | <b>335</b>   | <b>314</b>        | <b>93.7</b> | <b>(90.6 - 95.9)</b>  | <b>268</b>              | <b>80.0</b> | <b>(75.4 - 83.9)</b>  |
| African American             | .            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 4            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 13           | 13                | 100.0       | (77.2 - 100.0)        | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 262          | 247               | 94.3        | (90.8 - 96.5)         | 213                     | 81.3        | (76.1 - 85.6)         |
| Hispanic                     | 49           | 44                | 89.8        | (78.2 - 95.6)         | 38                      | 77.6        | (64.1 - 87.0)         |
| Missing                      | 6            | .                 | .           | .                     | .                       | .           | .                     |



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>COLUSA</b>                | <b>225</b>    | <b>215</b>        | <b>95.6</b> | <b>(92.0 - 97.6)</b>  | <b>176</b>              | <b>78.2</b> | <b>(72.4 - 83.1)</b>  |
| African American             | .             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 2             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 1             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 3             | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 53            | 52                | 98.1        | (90.1 - 99.7)         | 48                      | 90.6        | (79.7 - 95.9)         |
| Hispanic                     | 161           | 152               | 94.4        | (89.7 - 97.0)         | 119                     | 73.9        | (66.6 - 80.1)         |
| Missing                      | 5             | .                 | .           | .                     | .                       | .           | .                     |
| <b>CONTRA COSTA</b>          | <b>10,179</b> | <b>9,831</b>      | <b>96.6</b> | <b>(96.2 - 96.9)</b>  | <b>8,274</b>            | <b>81.3</b> | <b>(80.5 - 82.0)</b>  |
| African American             | 818           | 753               | 92.1        | (90.0 - 93.7)         | 601                     | 73.5        | (70.3 - 76.4)         |
| American Indian              | 8             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 1,486         | 1,454             | 97.8        | (97.0 - 98.5)         | 1,187                   | 79.9        | (77.8 - 81.8)         |
| Multiple Race                | 578           | 557               | 96.4        | (94.5 - 97.6)         | 460                     | 79.6        | (76.1 - 82.7)         |
| Pacific Islander             | 35            | 33                | 94.3        | (81.4 - 98.4)         | 25                      | 71.4        | (54.9 - 83.7)         |
| Other                        | 270           | 261               | 96.7        | (93.8 - 98.2)         | 215                     | 79.6        | (74.4 - 84.0)         |
| White                        | 3,246         | 3,156             | 97.2        | (96.6 - 97.7)         | 2,721                   | 83.8        | (82.5 - 85.1)         |
| Hispanic                     | 3,381         | 3,264             | 96.5        | (95.9 - 97.1)         | 2,767                   | 81.8        | (80.5 - 83.1)         |
| Missing                      | 357           | .                 | .           | .                     | .                       | .           | .                     |
| <b>DEL NORTE</b>             | <b>216</b>    | <b>195</b>        | <b>90.3</b> | <b>(85.6 - 93.6)</b>  | <b>155</b>              | <b>71.8</b> | <b>(65.4 - 77.3)</b>  |
| African American             | .             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 23            | 21                | 91.3        | (73.2 - 97.6)         | 18                      | 78.3        | (58.1 - 90.3)         |
| Asian                        | 6             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 23            | 21                | 91.3        | (73.2 - 97.6)         | 17                      | 73.9        | (53.5 - 87.5)         |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 3             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 107           | 100               | 93.5        | (87.1 - 96.8)         | 80                      | 74.8        | (65.8 - 82.0)         |
| Hispanic                     | 50            | 45                | 90.0        | (78.6 - 95.7)         | 35                      | 70.0        | (56.2 - 80.9)         |
| Missing                      | 4             | .                 | .           | .                     | .                       | .           | .                     |

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| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>EL DORADO</b>             | <b>1,324</b>  | <b>1,276</b>      | <b>96.4</b> | <b>(95.2 - 97.3)</b>  | <b>1,088</b>            | <b>82.2</b> | <b>(80.0 - 84.1)</b>  |
| African American             | 7             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 5             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 51            | 51                | 100.0       | (93.0 - 100.0)        | 34                      | 66.7        | (53.0 - 78.0)         |
| Multiple Race                | 73            | 71                | 97.3        | (90.5 - 99.2)         | 65                      | 89.0        | (79.8 - 94.3)         |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 7             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 917           | 881               | 96.1        | (94.6 - 97.2)         | 771                     | 84.1        | (81.6 - 86.3)         |
| Hispanic                     | 233           | 226               | 97.0        | (93.9 - 98.5)         | 173                     | 74.2        | (68.3 - 79.4)         |
| Missing                      | 31            | .                 | .           | .                     | .                       | .           | .                     |
| <b>FRESNO</b>                | <b>12,382</b> | <b>10,874</b>     | <b>87.8</b> | <b>(87.2 - 88.4)</b>  | <b>8,418</b>            | <b>68.0</b> | <b>(67.2 - 68.8)</b>  |
| African American             | 555           | 458               | 82.5        | (79.1 - 85.5)         | 359                     | 64.7        | (60.6 - 68.5)         |
| American Indian              | 31            | 27                | 87.1        | (71.1 - 94.9)         | 25                      | 80.6        | (63.7 - 90.8)         |
| Asian                        | 949           | 729               | 76.8        | (74.0 - 79.4)         | 504                     | 53.1        | (49.9 - 56.3)         |
| Multiple Race                | 500           | 370               | 74.0        | (70.0 - 77.7)         | 290                     | 58.0        | (53.6 - 62.2)         |
| Pacific Islander             | 6             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 272           | 200               | 73.5        | (68.0 - 78.4)         | 135                     | 49.6        | (43.7 - 55.5)         |
| White                        | 2,235         | 2,077             | 92.9        | (91.8 - 93.9)         | 1,790                   | 80.1        | (78.4 - 81.7)         |
| Hispanic                     | 7,536         | 6,740             | 89.4        | (88.7 - 90.1)         | 5,101                   | 67.7        | (66.6 - 68.7)         |
| Missing                      | 298           | .                 | .           | .                     | .                       | .           | .                     |
| <b>GLENN</b>                 | <b>353</b>    | <b>329</b>        | <b>93.2</b> | <b>(90.1 - 95.4)</b>  | <b>284</b>              | <b>80.5</b> | <b>(76.0 - 84.3)</b>  |
| African American             | .             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 3             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 5             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 9             | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 1             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 152           | 143               | 94.1        | (89.1 - 96.9)         | 138                     | 90.8        | (85.1 - 94.4)         |
| Hispanic                     | 171           | 161               | 94.2        | (89.6 - 96.8)         | 126                     | 73.7        | (66.6 - 79.7)         |
| Missing                      | 12            | .                 | .           | .                     | .                       | .           | .                     |

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| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>HUMBOLDT</b>              | <b>1,195</b> | <b>1,134</b>      | <b>94.9</b> | <b>(93.5 - 96.0)</b>  | <b>958</b>              | <b>80.2</b> | <b>(77.8 - 82.3)</b>  |
| African American             | 13           | 12                | 92.3        | (66.7 - 98.6)         | .                       | .           | .                     |
| American Indian              | 87           | 83                | 95.4        | (88.8 - 98.2)         | 72                      | 82.8        | (73.5 - 89.3)         |
| Asian                        | 26           | 21                | 80.8        | (62.1 - 91.5)         | 11                      | 42.3        | (25.5 - 61.1)         |
| Multiple Race                | 125          | 119               | 95.2        | (89.9 - 97.8)         | 94                      | 75.2        | (67.0 - 81.9)         |
| Pacific Islander             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 16           | 10                | 62.5        | (38.6 - 81.5)         | .                       | .           | .                     |
| White                        | 666          | 636               | 95.5        | (93.6 - 96.8)         | 562                     | 84.4        | (81.4 - 86.9)         |
| Hispanic                     | 220          | 213               | 96.8        | (93.6 - 98.5)         | 173                     | 78.6        | (72.8 - 83.5)         |
| Missing                      | 40           | .                 | .           | .                     | .                       | .           | .                     |
| <b>IMPERIAL</b>              | <b>2,139</b> | <b>2,011</b>      | <b>94.0</b> | <b>(92.9 - 94.9)</b>  | <b>1,179</b>            | <b>55.1</b> | <b>(53.0 - 57.2)</b>  |
| African American             | 8            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | .            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 9            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 6            | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 5            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 108          | 102               | 94.4        | (88.4 - 97.4)         | 82                      | 75.9        | (67.1 - 83.0)         |
| Hispanic                     | 1,966        | 1,851             | 94.2        | (93.0 - 95.1)         | 1,058                   | 53.8        | (51.6 - 56.0)         |
| Missing                      | 37           | .                 | .           | .                     | .                       | .           | .                     |
| <b>INYO</b>                  | <b>158</b>   | <b>152</b>        | <b>96.2</b> | <b>(92.0 - 98.2)</b>  | <b>131</b>              | <b>82.9</b> | <b>(76.3 - 88.0)</b>  |
| African American             | .            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 13           | 13                | 100.0       | (77.2 - 100.0)        | 10                      | 76.9        | (49.7 - 91.8)         |
| Asian                        | 4            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 12           | 12                | 100.0       | (75.8 - 100.0)        | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 2            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 74           | 72                | 97.3        | (90.7 - 99.3)         | 69                      | 93.2        | (85.1 - 97.1)         |
| Hispanic                     | 51           | 47                | 92.2        | (81.5 - 96.9)         | 39                      | 76.5        | (63.2 - 86.0)         |
| Missing                      | 2            | .                 | .           | .                     | .                       | .           | .                     |

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## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>KERN</b>                  | <b>11,102</b> | <b>9,883</b>      | <b>89.0</b> | <b>(88.4 - 89.6)</b>  | <b>6,956</b>            | <b>62.7</b> | <b>(61.8 - 63.6)</b>  |
| African American             | 564           | 425               | 75.4        | (71.6 - 78.7)         | 254                     | 45.0        | (41.0 - 49.2)         |
| American Indian              | 17            | 16                | 94.1        | (73.0 - 99.0)         | 12                      | 70.6        | (46.9 - 86.7)         |
| Asian                        | 358           | 327               | 91.3        | (88.0 - 93.8)         | 209                     | 58.4        | (53.2 - 63.4)         |
| Multiple Race                | 221           | 190               | 86.0        | (80.8 - 89.9)         | 136                     | 61.5        | (55.0 - 67.7)         |
| Pacific Islander             | 5             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 70            | 67                | 95.7        | (88.1 - 98.5)         | 44                      | 62.9        | (51.1 - 73.2)         |
| White                        | 2,590         | 2,332             | 90.0        | (88.8 - 91.1)         | 1,952                   | 75.4        | (73.7 - 77.0)         |
| Hispanic                     | 7,046         | 6,314             | 89.6        | (88.9 - 90.3)         | 4,202                   | 59.6        | (58.5 - 60.8)         |
| Missing                      | 231           | .                 | .           | .                     | .                       | .           | .                     |
| <b>KINGS</b>                 | <b>1,851</b>  | <b>1,620</b>      | <b>87.5</b> | <b>(85.9 - 88.9)</b>  | <b>1,068</b>            | <b>57.7</b> | <b>(55.4 - 59.9)</b>  |
| African American             | 69            | 59                | 85.5        | (75.3 - 91.9)         | 42                      | 60.9        | (49.1 - 71.5)         |
| American Indian              | 8             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 31            | 27                | 87.1        | (71.1 - 94.9)         | 14                      | 45.2        | (29.2 - 62.2)         |
| Multiple Race                | 75            | 63                | 84.0        | (74.1 - 90.6)         | 53                      | 70.7        | (59.6 - 79.8)         |
| Pacific Islander             | 3             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 12            | 12                | 100.0       | (75.8 - 100.0)        | .                       | .           | .                     |
| White                        | 453           | 422               | 93.2        | (90.5 - 95.1)         | 356                     | 78.6        | (74.6 - 82.1)         |
| Hispanic                     | 1,131         | 968               | 85.6        | (83.4 - 87.5)         | 555                     | 49.1        | (46.2 - 52.0)         |
| Missing                      | 69            | .                 | .           | .                     | .                       | .           | .                     |
| <b>LAKE</b>                  | <b>610</b>    | <b>578</b>        | <b>94.8</b> | <b>(92.7 - 96.3)</b>  | <b>424</b>              | <b>69.5</b> | <b>(65.7 - 73.0)</b>  |
| African American             | 5             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 17            | 15                | 88.2        | (65.7 - 96.7)         | .                       | .           | .                     |
| Asian                        | 2             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 38            | 36                | 94.7        | (82.7 - 98.5)         | 27                      | 71.1        | (55.2 - 83.0)         |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 1             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 314           | 301               | 95.9        | (93.0 - 97.6)         | 252                     | 80.3        | (75.5 - 84.3)         |
| Hispanic                     | 222           | 208               | 93.7        | (89.7 - 96.2)         | 122                     | 55.0        | (48.4 - 61.4)         |
| Missing                      | 11            | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>LASSEN</b>                | <b>213</b>    | <b>202</b>        | <b>94.8</b> | <b>(91.0 - 97.1)</b>  | <b>163</b>              | <b>76.5</b> | <b>(70.4 - 81.7)</b>  |
| African American             | 5             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 3             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | .             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 18            | 17                | 94.4        | (74.2 - 99.0)         | 15                      | 83.3        | (60.8 - 94.2)         |
| Pacific Islander             | 1             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 5             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 131           | 125               | 95.4        | (90.4 - 97.9)         | 105                     | 80.2        | (72.5 - 86.1)         |
| Hispanic                     | 47            | 44                | 93.6        | (82.8 - 97.8)         | 36                      | 76.6        | (62.8 - 86.4)         |
| Missing                      | 3             | .                 | .           | .                     | .                       | .           | .                     |
| <b>LOS ANGELES</b>           | <b>94,085</b> | <b>88,199</b>     | <b>93.7</b> | <b>(93.6 - 93.9)</b>  | <b>59,486</b>           | <b>63.2</b> | <b>(62.9 - 63.5)</b>  |
| African American             | 6,143         | 5,328             | 86.7        | (85.9 - 87.6)         | 3,523                   | 57.3        | (56.1 - 58.6)         |
| American Indian              | 49            | 44                | 89.8        | (78.2 - 95.6)         | 31                      | 63.3        | (49.3 - 75.3)         |
| Asian                        | 13,616        | 12,769            | 93.8        | (93.4 - 94.2)         | 7,672                   | 56.3        | (55.5 - 57.2)         |
| Multiple Race                | 2,729         | 2,583             | 94.7        | (93.7 - 95.4)         | 2,064                   | 75.6        | (74.0 - 77.2)         |
| Pacific Islander             | 116           | 103               | 88.8        | (81.8 - 93.3)         | 72                      | 62.1        | (53.0 - 70.4)         |
| Other                        | 1,213         | 1,142             | 94.1        | (92.7 - 95.3)         | 809                     | 66.7        | (64.0 - 69.3)         |
| White                        | 17,343        | 16,580            | 95.6        | (95.3 - 95.9)         | 13,577                  | 78.3        | (77.7 - 78.9)         |
| Hispanic                     | 50,898        | 47,797            | 93.9        | (93.7 - 94.1)         | 30,485                  | 59.9        | (59.5 - 60.3)         |
| Missing                      | 1,978         | .                 | .           | .                     | .                       | .           | .                     |
| <b>MADERA</b>                | <b>1,798</b>  | <b>1,630</b>      | <b>90.7</b> | <b>(89.2 - 91.9)</b>  | <b>1,204</b>            | <b>67.0</b> | <b>(64.8 - 69.1)</b>  |
| African American             | 25            | 18                | 72.0        | (52.4 - 85.7)         | 13                      | 52.0        | (33.5 - 70.0)         |
| American Indian              | 7             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 23            | 19                | 82.6        | (62.9 - 93.0)         | 13                      | 56.5        | (36.8 - 74.4)         |
| Multiple Race                | 22            | 20                | 90.9        | (72.2 - 97.5)         | 17                      | 77.3        | (56.6 - 89.9)         |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 9             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 393           | 362               | 92.1        | (89.0 - 94.4)         | 301                     | 76.6        | (72.2 - 80.5)         |
| Hispanic                     | 1,249         | 1,134             | 90.8        | (89.1 - 92.3)         | 806                     | 64.5        | (61.8 - 67.1)         |
| Missing                      | 70            | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>MARIN</b>                 | <b>1,780</b> | <b>1,762</b>      | <b>99.0</b> | <b>(98.4 - 99.4)</b>  | <b>1,584</b>            | <b>89.0</b> | <b>(87.4 - 90.4)</b>  |
| African American             | 25           | 24                | 96.0        | (80.5 - 99.3)         | 19                      | 76.0        | (56.6 - 88.5)         |
| American Indian              | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 100          | 99                | 99.0        | (94.6 - 99.8)         | 83                      | 83.0        | (74.5 - 89.1)         |
| Multiple Race                | 81           | 79                | 97.5        | (91.4 - 99.3)         | 72                      | 88.9        | (80.2 - 94.0)         |
| Pacific Islander             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 19           | 19                | 100.0       | (83.2 - 100.0)        | .                       | .           | (56.7 - 91.5)         |
| White                        | 908          | 901               | 99.2        | (98.4 - 99.6)         | 830                     | 91.4        | (89.4 - 93.1)         |
| Hispanic                     | 551          | 545               | 98.9        | (97.6 - 99.5)         | 477                     | 86.6        | (83.5 - 89.2)         |
| Missing                      | 93           | .                 | .           | .                     | .                       | .           | .                     |
| <b>MARIPOSA</b>              | <b>121</b>   | <b>119</b>        | <b>98.3</b> | <b>(94.2 - 99.5)</b>  | <b>106</b>              | <b>87.6</b> | <b>(80.6 - 92.3)</b>  |
| African American             | 1            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 6            | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 1            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 84           | 82                | 97.6        | (91.7 - 99.3)         | 72                      | 85.7        | (76.7 - 91.6)         |
| Hispanic                     | 24           | 24                | 100.0       | (86.2 - 100.0)        | 21                      | 87.5        | (69.0 - 95.7)         |
| Missing                      | 2            | .                 | .           | .                     | .                       | .           | .                     |
| <b>MENDOCINO</b>             | <b>782</b>   | <b>752</b>        | <b>96.2</b> | <b>(94.6 - 97.3)</b>  | <b>601</b>              | <b>76.9</b> | <b>(73.8 - 79.7)</b>  |
| African American             | 4            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 18           | 17                | 94.4        | (74.2 - 99.0)         | 13                      | 72.2        | (49.1 - 87.5)         |
| Asian                        | 7            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 35           | 32                | 91.4        | (77.6 - 97.0)         | 29                      | 82.9        | (67.3 - 91.9)         |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 7            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 368          | 360               | 97.8        | (95.8 - 98.9)         | 304                     | 82.6        | (78.4 - 86.1)         |
| Hispanic                     | 327          | 311               | 95.1        | (92.2 - 97.0)         | 227                     | 69.4        | (64.2 - 74.2)         |
| Missing                      | 16           | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity





# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |              |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|--------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent      | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>MERCED</b>                | <b>3,389</b> | <b>3,151</b>      | <b>93.0</b>  | <b>(92.1 - 93.8)</b>  | <b>1,998</b>            | <b>59.0</b> | <b>(57.3 - 60.6)</b>  |
| African American             | 67           | 52                | 77.6         | (66.3 - 85.9)         | 31                      | 46.3        | (34.9 - 58.1)         |
| American Indian              | 1            | .                 | .            | .                     | .                       | .           | .                     |
| Asian                        | 102          | 92                | 90.2         | (82.9 - 94.6)         | 49                      | 48.0        | (38.6 - 57.6)         |
| Multiple Race                | 97           | 83                | 85.6         | (77.2 - 91.2)         | 54                      | 55.7        | (45.8 - 65.2)         |
| Pacific Islander             | .            | .                 | .            | .                     | .                       | .           | .                     |
| Other                        | 65           | 52                | 80.0         | (68.7 - 87.9)         | 27                      | 41.5        | (30.4 - 53.7)         |
| White                        | 585          | 540               | 92.3         | (89.9 - 94.2)         | 417                     | 71.3        | (67.5 - 74.8)         |
| Hispanic                     | 2,358        | 2,226             | 94.4         | (93.4 - 95.3)         | 1,345                   | 57.0        | (55.0 - 59.0)         |
| Missing                      | 114          | .                 | .            | .                     | .                       | .           | .                     |
| <b>MODOC</b>                 | <b>28</b>    | <b>28</b>         | <b>100.0</b> | <b>(87.9 - 100.0)</b> | <b>23</b>               | <b>82.1</b> | <b>(64.4 - 92.1)</b>  |
| African American             | 1            | .                 | .            | .                     | .                       | .           | .                     |
| American Indian              | .            | .                 | .            | .                     | .                       | .           | .                     |
| Asian                        | .            | .                 | .            | .                     | .                       | .           | .                     |
| Multiple Race                | 2            | .                 | .            | .                     | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .            | .                     | .                       | .           | .                     |
| Other                        | .            | .                 | .            | .                     | .                       | .           | .                     |
| White                        | 18           | 18                | 100.0        | (82.4 - 100.0)        | 16                      | 88.9        | (67.2 - 96.9)         |
| Hispanic                     | 6            | .                 | .            | .                     | .                       | .           | .                     |
| Missing                      | 1            | .                 | .            | .                     | .                       | .           | .                     |
| <b>MONO</b>                  | <b>87</b>    | <b>84</b>         | <b>96.6</b>  | <b>(90.3 - 98.8)</b>  | <b>69</b>               | <b>79.3</b> | <b>(69.6 - 86.5)</b>  |
| African American             | 1            | .                 | .            | .                     | .                       | .           | .                     |
| American Indian              | .            | .                 | .            | .                     | .                       | .           | .                     |
| Asian                        | 1            | .                 | .            | .                     | .                       | .           | .                     |
| Multiple Race                | 1            | .                 | .            | .                     | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .            | .                     | .                       | .           | .                     |
| Other                        | .            | .                 | .            | .                     | .                       | .           | .                     |
| White                        | 32           | 31                | 96.9         | (84.3 - 99.4)         | 29                      | 90.6        | (75.8 - 96.8)         |
| Hispanic                     | 45           | 43                | 95.6         | (85.2 - 98.8)         | 31                      | 68.9        | (54.3 - 80.5)         |
| Missing                      | 7            | .                 | .            | .                     | .                       | .           | .                     |



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                      | EXCLUSIVE BREASTFEEDING |             |                      |
|------------------------------|--------------|-------------------|-------------|----------------------|-------------------------|-------------|----------------------|
|                              |              | Number            | Percent     | 95% CI               | Number                  | Percent     | 95% CI               |
|                              |              |                   |             | Lower-Upper          |                         |             | Lower-Upper          |
| <b>MONTEREY</b>              | <b>4,958</b> | <b>4,702</b>      | <b>94.8</b> | <b>(94.2 - 95.4)</b> | <b>3,454</b>            | <b>69.7</b> | <b>(68.4 - 70.9)</b> |
| African American             | 49           | 44                | 89.8        | (78.2 - 95.6)        | 31                      | 63.3        | (49.3 - 75.3)        |
| American Indian              | 1            | .                 | .           | .                    | .                       | .           | .                    |
| Asian                        | 126          | 120               | 95.2        | (90.0 - 97.8)        | 99                      | 78.6        | (70.6 - 84.8)        |
| Multiple Race                | 119          | 113               | 95.0        | (89.4 - 97.7)        | 99                      | 83.2        | (75.5 - 88.8)        |
| Pacific Islander             | 3            | .                 | .           | .                    | .                       | .           | .                    |
| Other                        | 33           | 32                | 97.0        | (84.7 - 99.5)        | 24                      | 72.7        | (55.8 - 84.9)        |
| White                        | 831          | 794               | 95.5        | (93.9 - 96.8)        | 705                     | 84.8        | (82.2 - 87.1)        |
| Hispanic                     | 3,683        | 3,487             | 94.7        | (93.9 - 95.4)        | 2,411                   | 65.5        | (63.9 - 67.0)        |
| Missing                      | 113          | .                 | .           | .                    | .                       | .           | .                    |
| <b>NAPA</b>                  | <b>1,093</b> | <b>1,065</b>      | <b>97.4</b> | <b>(96.3 - 98.2)</b> | <b>925</b>              | <b>84.6</b> | <b>(82.4 - 86.6)</b> |
| African American             | 14           | 12                | 85.7        | (60.1 - 96.0)        | 11                      | 78.6        | (52.4 - 92.4)        |
| American Indian              | .            | .                 | .           | .                    | .                       | .           | .                    |
| Asian                        | 60           | 59                | 98.3        | (91.1 - 99.7)        | 52                      | 86.7        | (75.8 - 93.1)        |
| Multiple Race                | 36           | 36                | 100.0       | (90.4 - 100.0)       | 31                      | 86.1        | (71.3 - 93.9)        |
| Pacific Islander             | .            | .                 | .           | .                    | .                       | .           | .                    |
| Other                        | 5            | .                 | .           | .                    | .                       | .           | .                    |
| White                        | 434          | 430               | 99.1        | (97.7 - 99.6)        | 397                     | 91.5        | (88.5 - 93.8)        |
| Hispanic                     | 518          | 497               | 95.9        | (93.9 - 97.3)        | 408                     | 78.8        | (75.0 - 82.1)        |
| Missing                      | 26           | .                 | .           | .                    | .                       | .           | .                    |
| <b>NEVADA</b>                | <b>650</b>   | <b>640</b>        | <b>98.5</b> | <b>(97.2 - 99.2)</b> | <b>598</b>              | <b>92.0</b> | <b>(89.7 - 93.8)</b> |
| African American             | 3            | .                 | .           | .                    | .                       | .           | .                    |
| American Indian              | 3            | .                 | .           | .                    | .                       | .           | .                    |
| Asian                        | 5            | .                 | .           | .                    | .                       | .           | .                    |
| Multiple Race                | 32           | 31                | 96.9        | (84.3 - 99.4)        | 28                      | 87.5        | (71.9 - 95.0)        |
| Pacific Islander             | .            | .                 | .           | .                    | .                       | .           | .                    |
| Other                        | 3            | .                 | .           | .                    | .                       | .           | .                    |
| White                        | 477          | 468               | 98.1        | (96.5 - 99.0)        | 441                     | 92.5        | (89.7 - 94.5)        |
| Hispanic                     | 102          | 102               | 100.0       | (96.4 - 100.0)       | 94                      | 92.2        | (85.3 - 96.0)        |
| Missing                      | 25           | .                 | .           | .                    | .                       | .           | .                    |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>ORANGE</b>                | <b>31,948</b> | <b>29,924</b>     | <b>93.7</b> | <b>(93.4 - 93.9)</b>  | <b>21,079</b>           | <b>66.0</b> | <b>(65.5 - 66.5)</b>  |
| African American             | 352           | 324               | 92.0        | (88.7 - 94.4)         | 242                     | 68.8        | (63.7 - 73.4)         |
| American Indian              | 14            | 14                | 100.0       | (78.5 - 100.0)        | 12                      | 85.7        | (60.1 - 96.0)         |
| Asian                        | 8,656         | 7,763             | 89.7        | (89.0 - 90.3)         | 4,463                   | 51.6        | (50.5 - 52.6)         |
| Multiple Race                | 1,085         | 1,019             | 93.9        | (92.3 - 95.2)         | 862                     | 79.4        | (76.9 - 81.7)         |
| Pacific Islander             | 31            | 27                | 87.1        | (71.1 - 94.9)         | 16                      | 51.6        | (34.8 - 68.0)         |
| Other                        | 313           | 298               | 95.2        | (92.2 - 97.1)         | 213                     | 68.1        | (62.7 - 73.0)         |
| White                        | 8,334         | 8,038             | 96.4        | (96.0 - 96.8)         | 6,892                   | 82.7        | (81.9 - 83.5)         |
| Hispanic                     | 12,588        | 11,884            | 94.4        | (94.0 - 94.8)         | 7,979                   | 63.4        | (62.5 - 64.2)         |
| Missing                      | 575           | .                 | .           | .                     | .                       | .           | .                     |
| <b>PLACER</b>                | <b>3,164</b>  | <b>3,053</b>      | <b>96.5</b> | <b>(95.8 - 97.1)</b>  | <b>2,469</b>            | <b>78.0</b> | <b>(76.6 - 79.4)</b>  |
| African American             | 41            | 37                | 90.2        | (77.5 - 96.1)         | 24                      | 58.5        | (43.4 - 72.2)         |
| American Indian              | 6             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 228           | 221               | 96.9        | (93.8 - 98.5)         | 167                     | 73.2        | (67.1 - 78.6)         |
| Multiple Race                | 225           | 215               | 95.6        | (92.0 - 97.6)         | 172                     | 76.4        | (70.5 - 81.5)         |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 49            | 46                | 93.9        | (83.5 - 97.9)         | 37                      | 75.5        | (61.9 - 85.4)         |
| White                        | 1,896         | 1,837             | 96.9        | (96.0 - 97.6)         | 1,516                   | 80.0        | (78.1 - 81.7)         |
| Hispanic                     | 649           | 622               | 95.8        | (94.0 - 97.1)         | 488                     | 75.2        | (71.7 - 78.4)         |
| Missing                      | 70            | .                 | .           | .                     | .                       | .           | .                     |
| <b>PLUMAS</b>                | <b>110</b>    | <b>105</b>        | <b>95.5</b> | <b>(89.8 - 98.0)</b>  | <b>93</b>               | <b>84.5</b> | <b>(76.6 - 90.1)</b>  |
| African American             | 2             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 4             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 1             | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 7             | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 73            | 71                | 97.3        | (90.5 - 99.2)         | 63                      | 86.3        | (76.6 - 92.4)         |
| Hispanic                     | 21            | 21                | 100.0       | (84.5 - 100.0)        | 20                      | 95.2        | (77.3 - 99.2)         |
| Missing                      | 2             | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>RIVERSIDE</b>             | <b>24,501</b> | <b>22,676</b>     | <b>92.6</b> | <b>(92.2 - 92.9)</b>  | <b>16,745</b>           | <b>68.3</b> | <b>(67.8 - 68.9)</b>  |
| African American             | 1,253         | 1,085             | 86.6        | (84.6 - 88.4)         | 789                     | 63.0        | (60.3 - 65.6)         |
| American Indian              | 47            | 38                | 80.9        | (67.5 - 89.6)         | 31                      | 66.0        | (51.7 - 77.8)         |
| Asian                        | 1,588         | 1,466             | 92.3        | (90.9 - 93.5)         | 809                     | 50.9        | (48.5 - 53.4)         |
| Multiple Race                | 838           | 777               | 92.7        | (90.8 - 94.3)         | 637                     | 76.0        | (73.0 - 78.8)         |
| Pacific Islander             | 40            | 35                | 87.5        | (73.9 - 94.5)         | 27                      | 67.5        | (52.0 - 79.9)         |
| Other                        | 217           | 194               | 89.4        | (84.6 - 92.8)         | 133                     | 61.3        | (54.7 - 67.5)         |
| White                        | 5,330         | 4,989             | 93.6        | (92.9 - 94.2)         | 4,232                   | 79.4        | (78.3 - 80.5)         |
| Hispanic                     | 14,723        | 13,667            | 92.8        | (92.4 - 93.2)         | 9,783                   | 66.4        | (65.7 - 67.2)         |
| Missing                      | 465           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SACRAMENTO</b>            | <b>16,554</b> | <b>15,331</b>     | <b>92.6</b> | <b>(92.2 - 93.0)</b>  | <b>11,841</b>           | <b>71.5</b> | <b>(70.8 - 72.2)</b>  |
| African American             | 1,510         | 1,338             | 88.6        | (86.9 - 90.1)         | 931                     | 61.7        | (59.2 - 64.1)         |
| American Indian              | 21            | 17                | 81.0        | (60.0 - 92.3)         | 16                      | 76.2        | (54.9 - 89.4)         |
| Asian                        | 2,053         | 1,860             | 90.6        | (89.3 - 91.8)         | 1,307                   | 63.7        | (61.6 - 65.7)         |
| Multiple Race                | 1,475         | 1,294             | 87.7        | (86.0 - 89.3)         | 990                     | 67.1        | (64.7 - 69.5)         |
| Pacific Islander             | 32            | 23                | 71.9        | (54.6 - 84.4)         | 16                      | 50.0        | (33.6 - 66.4)         |
| Other                        | 930           | 779               | 83.8        | (81.3 - 86.0)         | 523                     | 56.2        | (53.0 - 59.4)         |
| White                        | 5,315         | 5,100             | 96.0        | (95.4 - 96.5)         | 4,264                   | 80.2        | (79.1 - 81.3)         |
| Hispanic                     | 4,707         | 4,440             | 94.3        | (93.6 - 95.0)         | 3,427                   | 72.8        | (71.5 - 74.1)         |
| Missing                      | 511           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SAN BENITO</b>            | <b>680</b>    | <b>644</b>        | <b>94.7</b> | <b>(92.8 - 96.2)</b>  | <b>515</b>              | <b>75.7</b> | <b>(72.4 - 78.8)</b>  |
| African American             | 3             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 1             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 21            | 21                | 100.0       | (84.5 - 100.0)        | 18                      | 85.7        | (65.4 - 95.0)         |
| Multiple Race                | 10            | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 4             | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 182           | 172               | 94.5        | (90.2 - 97.0)         | 153                     | 84.1        | (78.1 - 88.7)         |
| Hispanic                     | 433           | 409               | 94.5        | (91.9 - 96.2)         | 308                     | 71.1        | (66.7 - 75.2)         |
| Missing                      | 26            | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>SAN BERNARDINO</b>        | <b>24,679</b> | <b>22,138</b>     | <b>89.7</b> | <b>(89.3 - 90.1)</b>  | <b>15,338</b>           | <b>62.2</b> | <b>(61.5 - 62.8)</b>  |
| African American             | 1,868         | 1,531             | 82.0        | (80.2 - 83.6)         | 1,014                   | 54.3        | (52.0 - 56.5)         |
| American Indian              | 27            | 27                | 100.0       | (87.5 - 100.0)        | 25                      | 92.6        | (76.6 - 97.9)         |
| Asian                        | 2,180         | 1,945             | 89.2        | (87.8 - 90.5)         | 902                     | 41.4        | (39.3 - 43.5)         |
| Multiple Race                | 799           | 718               | 89.9        | (87.6 - 91.8)         | 542                     | 67.8        | (64.5 - 71.0)         |
| Pacific Islander             | 32            | 28                | 87.5        | (71.9 - 95.0)         | 16                      | 50.0        | (33.6 - 66.4)         |
| Other                        | 168           | 147               | 87.5        | (81.6 - 91.7)         | 100                     | 59.5        | (52.0 - 66.7)         |
| White                        | 4,432         | 4,046             | 91.3        | (90.4 - 92.1)         | 3,293                   | 74.3        | (73.0 - 75.6)         |
| Hispanic                     | 14,741        | 13,301            | 90.2        | (89.7 - 90.7)         | 9,155                   | 62.1        | (61.3 - 62.9)         |
| Missing                      | 432           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SAN DIEGO</b>             | <b>33,367</b> | <b>32,002</b>     | <b>95.9</b> | <b>(95.7 - 96.1)</b>  | <b>26,509</b>           | <b>79.4</b> | <b>(79.0 - 79.9)</b>  |
| African American             | 1,301         | 1,224             | 94.1        | (92.7 - 95.2)         | 896                     | 68.9        | (66.3 - 71.3)         |
| American Indian              | 65            | 59                | 90.8        | (81.3 - 95.7)         | 49                      | 75.4        | (63.7 - 84.2)         |
| Asian                        | 3,222         | 3,051             | 94.7        | (93.9 - 95.4)         | 2,422                   | 75.2        | (73.6 - 76.6)         |
| Multiple Race                | 1,572         | 1,495             | 95.1        | (93.9 - 96.1)         | 1,236                   | 78.6        | (76.5 - 80.6)         |
| Pacific Islander             | 71            | 66                | 93.0        | (84.6 - 97.0)         | 59                      | 83.1        | (72.7 - 90.1)         |
| Other                        | 565           | 538               | 95.2        | (93.1 - 96.7)         | 408                     | 72.2        | (68.4 - 75.7)         |
| White                        | 11,467        | 11,081            | 96.6        | (96.3 - 96.9)         | 9,787                   | 85.3        | (84.7 - 86.0)         |
| Hispanic                     | 14,238        | 13,655            | 95.9        | (95.6 - 96.2)         | 11,000                  | 77.3        | (76.6 - 77.9)         |
| Missing                      | 866           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SAN FRANCISCO</b>         | <b>7,400</b>  | <b>7,190</b>      | <b>97.2</b> | <b>(96.8 - 97.5)</b>  | <b>6,126</b>            | <b>82.8</b> | <b>(81.9 - 83.6)</b>  |
| African American             | 271           | 248               | 91.5        | (87.6 - 94.3)         | 203                     | 74.9        | (69.4 - 79.7)         |
| American Indian              | 5             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 2,183         | 2,095             | 96.0        | (95.1 - 96.7)         | 1,550                   | 71.0        | (69.1 - 72.9)         |
| Multiple Race                | 402           | 388               | 96.5        | (94.2 - 97.9)         | 338                     | 84.1        | (80.2 - 87.3)         |
| Pacific Islander             | 14            | 14                | 100.0       | (78.5 - 100.0)        | 11                      | 78.6        | (52.4 - 92.4)         |
| Other                        | 93            | 90                | 96.8        | (90.9 - 98.9)         | 78                      | 83.9        | (75.1 - 90.0)         |
| White                        | 2,861         | 2,823             | 98.7        | (98.2 - 99.0)         | 2,574                   | 90.0        | (88.8 - 91.0)         |
| Hispanic                     | 1,269         | 1,232             | 97.1        | (96.0 - 97.9)         | 1,111                   | 87.5        | (85.6 - 89.3)         |
| Missing                      | 302           | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>SAN JOAQUIN</b>           | <b>8,438</b> | <b>7,674</b>      | <b>90.9</b> | <b>(90.3 - 91.5)</b>  | <b>5,616</b>            | <b>66.6</b> | <b>(65.5 - 67.6)</b>  |
| African American             | 574          | 465               | 81.0        | (77.6 - 84.0)         | 299                     | 52.1        | (48.0 - 56.1)         |
| American Indian              | 11           | 11                | 100.0       | (74.1 - 100.0)        | .                       | .           | .                     |
| Asian                        | 1,021        | 901               | 88.2        | (86.1 - 90.1)         | 592                     | 58.0        | (54.9 - 61.0)         |
| Multiple Race                | 441          | 390               | 88.4        | (85.1 - 91.1)         | 288                     | 65.3        | (60.7 - 69.6)         |
| Pacific Islander             | 19           | 17                | 89.5        | (68.6 - 97.1)         | 10                      | 52.6        | (31.7 - 72.7)         |
| Other                        | 203          | 169               | 83.3        | (77.5 - 87.8)         | 121                     | 59.6        | (52.7 - 66.1)         |
| White                        | 1,668        | 1,541             | 92.4        | (91.0 - 93.6)         | 1,254                   | 75.2        | (73.1 - 77.2)         |
| Hispanic                     | 4,285        | 3,975             | 92.8        | (92.0 - 93.5)         | 2,886                   | 67.4        | (65.9 - 68.7)         |
| Missing                      | 216          | .                 | .           | .                     | .                       | .           | .                     |
| <b>SAN LUIS OBISPO</b>       | <b>2,163</b> | <b>2,106</b>      | <b>97.4</b> | <b>(96.6 - 98.0)</b>  | <b>1,874</b>            | <b>86.6</b> | <b>(85.1 - 88.0)</b>  |
| African American             | 9            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 3            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 37           | 34                | 91.9        | (78.7 - 97.2)         | 28                      | 75.7        | (59.9 - 86.6)         |
| Multiple Race                | 82           | 79                | 96.3        | (89.8 - 98.7)         | 73                      | 89.0        | (80.4 - 94.1)         |
| Pacific Islander             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 17           | 17                | 100.0       | (81.6 - 100.0)        | 15                      | 88.2        | (65.7 - 96.7)         |
| White                        | 1,202        | 1,174             | 97.7        | (96.7 - 98.4)         | 1,083                   | 90.1        | (88.3 - 91.7)         |
| Hispanic                     | 761          | 739               | 97.1        | (95.7 - 98.1)         | 620                     | 81.5        | (78.6 - 84.1)         |
| Missing                      | 50           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SAN MATEO</b>             | <b>7,189</b> | <b>6,997</b>      | <b>97.3</b> | <b>(96.9 - 97.7)</b>  | <b>5,735</b>            | <b>79.8</b> | <b>(78.8 - 80.7)</b>  |
| African American             | 91           | 89                | 97.8        | (92.3 - 99.4)         | 72                      | 79.1        | (69.7 - 86.2)         |
| American Indian              | 3            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 2,123        | 2,078             | 97.9        | (97.2 - 98.4)         | 1,682                   | 79.2        | (77.4 - 80.9)         |
| Multiple Race                | 366          | 354               | 96.7        | (94.4 - 98.1)         | 297                     | 81.1        | (76.8 - 84.8)         |
| Pacific Islander             | 20           | 17                | 85.0        | (64.0 - 94.8)         | 11                      | 55.0        | (34.2 - 74.2)         |
| Other                        | 159          | 147               | 92.5        | (87.3 - 95.6)         | 108                     | 67.9        | (60.3 - 74.7)         |
| White                        | 2,052        | 2,003             | 97.6        | (96.9 - 98.2)         | 1,811                   | 88.3        | (86.8 - 89.6)         |
| Hispanic                     | 2,119        | 2,056             | 97.0        | (96.2 - 97.7)         | 1,547                   | 73.0        | (71.1 - 74.9)         |
| Missing                      | 256          | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL         | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|---------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |               | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>SANTA BARBARA</b>         | <b>4,934</b>  | <b>4,780</b>      | <b>96.9</b> | <b>(96.4 - 97.3)</b>  | <b>3,383</b>            | <b>68.6</b> | <b>(67.3 - 69.8)</b>  |
| African American             | 32            | 30                | 93.8        | (79.9 - 98.3)         | 20                      | 62.5        | (45.3 - 77.1)         |
| American Indian              | 4             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 102           | 100               | 98.0        | (93.1 - 99.5)         | 73                      | 71.6        | (62.2 - 79.4)         |
| Multiple Race                | 147           | 146               | 99.3        | (96.2 - 99.9)         | 123                     | 83.7        | (76.9 - 88.8)         |
| Pacific Islander             | 2             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 32            | 31                | 96.9        | (84.3 - 99.4)         | 23                      | 71.9        | (54.6 - 84.4)         |
| White                        | 1,201         | 1,176             | 97.9        | (96.9 - 98.6)         | 1,016                   | 84.6        | (82.4 - 86.5)         |
| Hispanic                     | 3,314         | 3,195             | 96.4        | (95.7 - 97.0)         | 2,062                   | 62.2        | (60.6 - 63.9)         |
| Missing                      | 100           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SANTA CLARA</b>           | <b>18,802</b> | <b>18,349</b>     | <b>97.6</b> | <b>(97.4 - 97.8)</b>  | <b>15,237</b>           | <b>81.0</b> | <b>(80.5 - 81.6)</b>  |
| African American             | 324           | 311               | 96.0        | (93.3 - 97.6)         | 259                     | 79.9        | (75.2 - 83.9)         |
| American Indian              | 10            | 10                | 100.0       | (72.2 - 100.0)        | .                       | .           | .                     |
| Asian                        | 7,394         | 7,287             | 98.6        | (98.3 - 98.8)         | 5,835                   | 78.9        | (78.0 - 79.8)         |
| Multiple Race                | 766           | 748               | 97.7        | (96.3 - 98.5)         | 641                     | 83.7        | (80.9 - 86.1)         |
| Pacific Islander             | 15            | 14                | 93.3        | (70.2 - 98.8)         | 10                      | 66.7        | (41.7 - 84.8)         |
| Other                        | 252           | 247               | 98.0        | (95.4 - 99.1)         | 209                     | 82.9        | (77.8 - 87.1)         |
| White                        | 3,777         | 3,688             | 97.6        | (97.1 - 98.1)         | 3,304                   | 87.5        | (86.4 - 88.5)         |
| Hispanic                     | 5,557         | 5,355             | 96.4        | (95.8 - 96.8)         | 4,392                   | 79.0        | (77.9 - 80.1)         |
| Missing                      | 707           | .                 | .           | .                     | .                       | .           | .                     |
| <b>SANTA CRUZ</b>            | <b>2,111</b>  | <b>2,086</b>      | <b>98.8</b> | <b>(98.3 - 99.2)</b>  | <b>1,844</b>            | <b>87.4</b> | <b>(85.9 - 88.7)</b>  |
| African American             | 6             | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 2             | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 61            | 61                | 100.0       | (94.1 - 100.0)        | 52                      | 85.2        | (74.3 - 92.0)         |
| Multiple Race                | 65            | 62                | 95.4        | (87.3 - 98.4)         | 58                      | 89.2        | (79.4 - 94.7)         |
| Pacific Islander             | 1             | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 17            | 17                | 100.0       | (81.6 - 100.0)        | 16                      | 94.1        | (73.0 - 99.0)         |
| White                        | 733           | 724               | 98.8        | (97.7 - 99.4)         | 679                     | 92.6        | (90.5 - 94.3)         |
| Hispanic                     | 1,158         | 1,145             | 98.9        | (98.1 - 99.3)         | 970                     | 83.8        | (81.5 - 85.8)         |
| Missing                      | 68            | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |              |                       | EXCLUSIVE BREASTFEEDING |              |                       |
|------------------------------|--------------|-------------------|--------------|-----------------------|-------------------------|--------------|-----------------------|
|                              |              | Number            | Percent      | 95% CI<br>Lower-Upper | Number                  | Percent      | 95% CI<br>Lower-Upper |
| <b>SHASTA</b>                | <b>1,612</b> | <b>1,507</b>      | <b>93.5</b>  | <b>(92.2 - 94.6)</b>  | <b>1,250</b>            | <b>77.5</b>  | <b>(75.4 - 79.5)</b>  |
| African American             | 11           | .                 | .            | .                     | .                       | .            | .                     |
| American Indian              | 21           | 19                | 90.5         | (71.1 - 97.3)         | 14                      | 66.7         | (45.4 - 82.8)         |
| Asian                        | 34           | 30                | 88.2         | (73.4 - 95.3)         | 17                      | 50.0         | (34.1 - 65.9)         |
| Multiple Race                | 116          | 107               | 92.2         | (85.9 - 95.9)         | 94                      | 81.0         | (73.0 - 87.1)         |
| Pacific Islander             | 1            | .                 | .            | .                     | .                       | .            | .                     |
| Other                        | 25           | 22                | 88.0         | (70.0 - 95.8)         | 19                      | 76.0         | (56.6 - 88.5)         |
| White                        | 1,140        | 1,068             | 93.7         | (92.1 - 95.0)         | 900                     | 78.9         | (76.5 - 81.2)         |
| Hispanic                     | 223          | 213               | 95.5         | (91.9 - 97.5)         | 167                     | 74.9         | (68.8 - 80.1)         |
| Missing                      | 41           | .                 | .            | .                     | .                       | .            | .                     |
| <b>SIERRA</b>                | <b>11</b>    | <b>11</b>         | <b>100.0</b> | <b>(74.1 - 100.0)</b> | <b>11</b>               | <b>100.0</b> | <b>(74.1 - 100.0)</b> |
| African American             | .            | .                 | .            | .                     | .                       | .            | .                     |
| American Indian              | .            | .                 | .            | .                     | .                       | .            | .                     |
| Asian                        | .            | .                 | .            | .                     | .                       | .            | .                     |
| Multiple Race                | .            | .                 | .            | .                     | .                       | .            | .                     |
| Pacific Islander             | .            | .                 | .            | .                     | .                       | .            | .                     |
| Other                        | .            | .                 | .            | .                     | .                       | .            | .                     |
| White                        | 9            | .                 | .            | .                     | .                       | .            | .                     |
| Hispanic                     | 2            | .                 | .            | .                     | .                       | .            | .                     |
| Missing                      | .            | .                 | .            | .                     | .                       | .            | .                     |
| <b>SISKIYOU</b>              | <b>302</b>   | <b>289</b>        | <b>95.7</b>  | <b>(92.8 - 97.5)</b>  | <b>249</b>              | <b>82.5</b>  | <b>(77.8 - 86.3)</b>  |
| African American             | 2            | .                 | .            | .                     | .                       | .            | .                     |
| American Indian              | 6            | .                 | .            | .                     | .                       | .            | .                     |
| Asian                        | 2            | .                 | .            | .                     | .                       | .            | .                     |
| Multiple Race                | 36           | 32                | 88.9         | (74.7 - 95.6)         | 28                      | 77.8         | (61.9 - 88.3)         |
| Pacific Islander             | .            | .                 | .            | .                     | .                       | .            | .                     |
| Other                        | .            | .                 | .            | .                     | .                       | .            | .                     |
| White                        | 186          | 179               | 96.2         | (92.4 - 98.2)         | 151                     | 81.2         | (75.0 - 86.1)         |
| Hispanic                     | 62           | 61                | 98.4         | (91.4 - 99.7)         | 54                      | 87.1         | (76.6 - 93.3)         |
| Missing                      | 8            | .                 | .            | .                     | .                       | .            | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity





## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>SOLANO</b>                | <b>4,204</b> | <b>4,018</b>      | <b>95.6</b> | <b>(94.9 - 96.2)</b>  | <b>3,410</b>            | <b>81.1</b> | <b>(79.9 - 82.3)</b>  |
| African American             | 481          | 447               | 92.9        | (90.3 - 94.9)         | 346                     | 71.9        | (67.8 - 75.8)         |
| American Indian              | 13           | 13                | 100.0       | (77.2 - 100.0)        | 11                      | 84.6        | (57.8 - 95.7)         |
| Asian                        | 486          | 477               | 98.1        | (96.5 - 99.0)         | 387                     | 79.6        | (75.8 - 83.0)         |
| Multiple Race                | 360          | 340               | 94.4        | (91.6 - 96.4)         | 291                     | 80.8        | (76.5 - 84.6)         |
| Pacific Islander             | 11           | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 58           | 52                | 89.7        | (79.2 - 95.2)         | 45                      | 77.6        | (65.3 - 86.4)         |
| White                        | 1,167        | 1,112             | 95.3        | (93.9 - 96.4)         | 998                     | 85.5        | (83.4 - 87.4)         |
| Hispanic                     | 1,509        | 1,452             | 96.2        | (95.1 - 97.1)         | 1,224                   | 81.1        | (79.1 - 83.0)         |
| Missing                      | 119          | .                 | .           | .                     | .                       | .           | .                     |
| <b>SONOMA</b>                | <b>3,757</b> | <b>3,629</b>      | <b>96.6</b> | <b>(96.0 - 97.1)</b>  | <b>3,125</b>            | <b>83.2</b> | <b>(81.9 - 84.3)</b>  |
| African American             | 30           | 29                | 96.7        | (83.3 - 99.4)         | 25                      | 83.3        | (66.4 - 92.7)         |
| American Indian              | 14           | 13                | 92.9        | (68.5 - 98.7)         | 11                      | 78.6        | (52.4 - 92.4)         |
| Asian                        | 143          | 139               | 97.2        | (93.0 - 98.9)         | 115                     | 80.4        | (73.2 - 86.1)         |
| Multiple Race                | 162          | 159               | 98.1        | (94.7 - 99.4)         | 138                     | 85.2        | (78.9 - 89.8)         |
| Pacific Islander             | 6            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 19           | 16                | 84.2        | (62.4 - 94.5)         | 10                      | 52.6        | (31.7 - 72.7)         |
| White                        | 1,645        | 1,593             | 96.8        | (95.9 - 97.6)         | 1,449                   | 88.1        | (86.4 - 89.6)         |
| Hispanic                     | 1,589        | 1,528             | 96.2        | (95.1 - 97.0)         | 1,247                   | 78.5        | (76.4 - 80.4)         |
| Missing                      | 149          | .                 | .           | .                     | .                       | .           | .                     |
| <b>STANISLAUS</b>            | <b>6,521</b> | <b>5,810</b>      | <b>89.1</b> | <b>(88.3 - 89.8)</b>  | <b>4,233</b>            | <b>64.9</b> | <b>(63.7 - 66.1)</b>  |
| African American             | 151          | 114               | 75.5        | (68.1 - 81.7)         | 75                      | 49.7        | (41.8 - 57.6)         |
| American Indian              | 12           | 11                | 91.7        | (64.6 - 98.5)         | 10                      | 83.3        | (55.2 - 95.3)         |
| Asian                        | 235          | 214               | 91.1        | (86.7 - 94.1)         | 135                     | 57.4        | (51.1 - 63.6)         |
| Multiple Race                | 208          | 185               | 88.9        | (84.0 - 92.5)         | 139                     | 66.8        | (60.2 - 72.9)         |
| Pacific Islander             | 10           | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 110          | 102               | 92.7        | (86.3 - 96.3)         | 63                      | 57.3        | (47.9 - 66.1)         |
| White                        | 1,862        | 1,682             | 90.3        | (88.9 - 91.6)         | 1,324                   | 71.1        | (69.0 - 73.1)         |
| Hispanic                     | 3,776        | 3,349             | 88.7        | (87.6 - 89.7)         | 2,376                   | 62.9        | (61.4 - 64.5)         |
| Missing                      | 157          | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>SUTTER</b>                | <b>1,058</b> | <b>1,006</b>      | <b>95.1</b> | <b>(93.6 - 96.2)</b>  | <b>742</b>              | <b>70.1</b> | <b>(67.3 - 72.8)</b>  |
| African American             | 18           | 17                | 94.4        | (74.2 - 99.0)         | 10                      | 55.6        | (33.7 - 75.4)         |
| American Indian              | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 155          | 149               | 96.1        | (91.8 - 98.2)         | 86                      | 55.5        | (47.6 - 63.1)         |
| Multiple Race                | 52           | 48                | 92.3        | (81.8 - 97.0)         | 38                      | 73.1        | (59.7 - 83.2)         |
| Pacific Islander             | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 35           | 33                | 94.3        | (81.4 - 98.4)         | 19                      | 54.3        | (38.2 - 69.5)         |
| White                        | 369          | 344               | 93.2        | (90.2 - 95.4)         | 298                     | 80.8        | (76.4 - 84.5)         |
| Hispanic                     | 396          | 382               | 96.5        | (94.2 - 97.9)         | 265                     | 66.9        | (62.1 - 71.4)         |
| Missing                      | 30           | .                 | .           | .                     | .                       | .           | .                     |
| <b>TEHAMA</b>                | <b>610</b>   | <b>576</b>        | <b>94.4</b> | <b>(92.3 - 96.0)</b>  | <b>465</b>              | <b>76.2</b> | <b>(72.7 - 79.4)</b>  |
| African American             | 1            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 3            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 38           | 33                | 86.8        | (72.7 - 94.2)         | 27                      | 71.1        | (55.2 - 83.0)         |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 4            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 323          | 306               | 94.7        | (91.7 - 96.7)         | 264                     | 81.7        | (77.2 - 85.6)         |
| Hispanic                     | 231          | 220               | 95.2        | (91.7 - 97.3)         | 163                     | 70.6        | (64.4 - 76.1)         |
| Missing                      | 9            | .                 | .           | .                     | .                       | .           | .                     |
| <b>TRINITY</b>               | <b>80</b>    | <b>75</b>         | <b>93.8</b> | <b>(86.2 - 97.3)</b>  | <b>66</b>               | <b>82.5</b> | <b>(72.7 - 89.3)</b>  |
| African American             | .            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | .            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 7            | .                 | .           | .                     | .                       | .           | .                     |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 2            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 63           | 59                | 93.7        | (84.8 - 97.5)         | 52                      | 82.5        | (71.4 - 90.0)         |
| Hispanic                     | 5            | .                 | .           | .                     | .                       | .           | .                     |
| Missing                      | 1            | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



# California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form

## Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>TULARE</b>                | <b>5,799</b> | <b>5,267</b>      | <b>90.8</b> | <b>(90.1 - 91.5)</b>  | <b>3,247</b>            | <b>56.0</b> | <b>(54.7 - 57.3)</b>  |
| African American             | 50           | 44                | 88.0        | (76.2 - 94.4)         | 28                      | 56.0        | (42.3 - 68.8)         |
| American Indian              | 15           | 14                | 93.3        | (70.2 - 98.8)         | 12                      | 80.0        | (54.8 - 93.0)         |
| Asian                        | 90           | 75                | 83.3        | (74.3 - 89.6)         | 42                      | 46.7        | (36.7 - 56.9)         |
| Multiple Race                | 105          | 96                | 91.4        | (84.5 - 95.4)         | 68                      | 64.8        | (55.3 - 73.2)         |
| Pacific Islander             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 34           | 31                | 91.2        | (77.0 - 97.0)         | 15                      | 44.1        | (28.9 - 60.5)         |
| White                        | 1,019        | 937               | 92.0        | (90.1 - 93.5)         | 705                     | 69.2        | (66.3 - 71.9)         |
| Hispanic                     | 4,343        | 3,941             | 90.7        | (89.8 - 91.6)         | 2,305                   | 53.1        | (51.6 - 54.6)         |
| Missing                      | 141          | .                 | .           | .                     | .                       | .           | .                     |
| <b>TUOLUMNE</b>              | <b>403</b>   | <b>392</b>        | <b>97.3</b> | <b>(95.2 - 98.5)</b>  | <b>338</b>              | <b>83.9</b> | <b>(80.0 - 87.1)</b>  |
| African American             | .            | .                 | .           | .                     | .                       | .           | .                     |
| American Indian              | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Multiple Race                | 18           | 18                | 100.0       | (82.4 - 100.0)        | 16                      | 88.9        | (67.2 - 96.9)         |
| Pacific Islander             | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | .            | .                 | .           | .                     | .                       | .           | .                     |
| White                        | 315          | 307               | 97.5        | (95.1 - 98.7)         | 271                     | 86.0        | (81.8 - 89.4)         |
| Hispanic                     | 50           | 50                | 100.0       | (92.9 - 100.0)        | 39                      | 78.0        | (64.8 - 87.2)         |
| Missing                      | 15           | .                 | .           | .                     | .                       | .           | .                     |
| <b>VENTURA</b>               | <b>7,666</b> | <b>7,376</b>      | <b>96.2</b> | <b>(95.8 - 96.6)</b>  | <b>6,198</b>            | <b>80.9</b> | <b>(80.0 - 81.7)</b>  |
| African American             | 93           | 87                | 93.5        | (86.6 - 97.0)         | 73                      | 78.5        | (69.1 - 85.6)         |
| American Indian              | 4            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 339          | 325               | 95.9        | (93.2 - 97.5)         | 263                     | 77.6        | (72.8 - 81.7)         |
| Multiple Race                | 226          | 217               | 96.0        | (92.6 - 97.9)         | 184                     | 81.4        | (75.8 - 85.9)         |
| Pacific Islander             | 6            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 49           | 47                | 95.9        | (86.3 - 98.9)         | 42                      | 85.7        | (73.3 - 92.9)         |
| White                        | 2,422        | 2,350             | 97.0        | (96.3 - 97.6)         | 2,125                   | 87.7        | (86.4 - 89.0)         |
| Hispanic                     | 4,360        | 4,178             | 95.8        | (95.2 - 96.4)         | 3,376                   | 77.4        | (76.2 - 78.6)         |
| Missing                      | 167          | .                 | .           | .                     | .                       | .           | .                     |

California Department of Public Health  
 \*Numbers and percents not shown for <10 events  
 Data not shown for missing race/ethnicity



## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

| Geography and Race/Ethnicity | TOTAL        | ANY BREASTFEEDING |             |                       | EXCLUSIVE BREASTFEEDING |             |                       |
|------------------------------|--------------|-------------------|-------------|-----------------------|-------------------------|-------------|-----------------------|
|                              |              | Number            | Percent     | 95% CI<br>Lower-Upper | Number                  | Percent     | 95% CI<br>Lower-Upper |
| <b>YOLO</b>                  | <b>1,816</b> | <b>1,750</b>      | <b>96.4</b> | <b>(95.4 - 97.1)</b>  | <b>1,519</b>            | <b>83.6</b> | <b>(81.9 - 85.3)</b>  |
| African American             | 46           | 43                | 93.5        | (82.5 - 97.8)         | 28                      | 60.9        | (46.5 - 73.6)         |
| American Indian              | 3            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 180          | 177               | 98.3        | (95.2 - 99.4)         | 143                     | 79.4        | (73.0 - 84.7)         |
| Multiple Race                | 116          | 110               | 94.8        | (89.2 - 97.6)         | 93                      | 80.2        | (72.0 - 86.4)         |
| Pacific Islander             | .            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 51           | 48                | 94.1        | (84.1 - 98.0)         | 41                      | 80.4        | (67.5 - 89.0)         |
| White                        | 644          | 628               | 97.5        | (96.0 - 98.5)         | 558                     | 86.6        | (83.8 - 89.1)         |
| Hispanic                     | 720          | 687               | 95.4        | (93.6 - 96.7)         | 606                     | 84.2        | (81.3 - 86.7)         |
| Missing                      | 56           | .                 | .           | .                     | .                       | .           | .                     |
| <b>YUBA</b>                  | <b>1,002</b> | <b>923</b>        | <b>92.1</b> | <b>(90.3 - 93.6)</b>  | <b>724</b>              | <b>72.3</b> | <b>(69.4 - 74.9)</b>  |
| African American             | 32           | 29                | 90.6        | (75.8 - 96.8)         | 19                      | 59.4        | (42.3 - 74.5)         |
| American Indian              | 1            | .                 | .           | .                     | .                       | .           | .                     |
| Asian                        | 45           | 37                | 82.2        | (68.7 - 90.7)         | 22                      | 48.9        | (35.0 - 63.0)         |
| Multiple Race                | 67           | 60                | 89.6        | (80.0 - 94.8)         | 45                      | 67.2        | (55.3 - 77.2)         |
| Pacific Islander             | 2            | .                 | .           | .                     | .                       | .           | .                     |
| Other                        | 29           | 17                | 58.6        | (40.7 - 74.5)         | 10                      | 34.5        | (19.9 - 52.7)         |
| White                        | 479          | 448               | 93.5        | (91.0 - 95.4)         | 375                     | 78.3        | (74.4 - 81.7)         |
| Hispanic                     | 326          | 308               | 94.5        | (91.4 - 96.5)         | 233                     | 71.5        | (66.3 - 76.1)         |
| Missing                      | 21           | .                 | .           | .                     | .                       | .           | .                     |



## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2019

Data Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2019

Prepared by: California Department of Public Health, Center for Family Health, Maternal, Child and Adolescent Health Division

All nonmilitary hospitals providing maternity services are required to complete the Newborn Screening Test Form.

Note 1: Infant feeding data presented in this report include all feedings since birth to time of specimen collection, usually 24 to 48 hours since birth.

Upon completing the form, staff must select from the following four categories to describe 'all feeding since birth':

(1) Only Human Milk; (2) Only Formula; (3) Human Milk & Formula; (4) NPO.

The numerator for "Exclusive Breastfeeding" includes records marked 'Only Human Milk'.

The numerator for "Any Breastfeeding" includes records marked 'Only Human Milk' or 'Human Milk & Formula'.

The denominator excludes cases with unknown method of feeding, cases marked NPO indicating "nothing by mouth" and those receiving total parenteral nutrition (TPN) at time of specimen collection.

Note 2: Excludes data for infants that were in an Neonatal Intensive Care Unit (NICU) nursery at the time of specimen collection.

Note 3: Excludes data for infants with missing county of residence.

Note 4: Infant race/ethnicity is based upon mother and father race/ethnicity as reported on the birth certificate and recorded on the Newborn Screening Test Form. Data for individual race groups exclude persons of Hispanic ethnicity.

Data for cases with missing race/ethnicity are not shown, but are included in the totals.

Note 5: Data are not shown for less than 10 events.

Note 6: 95% confidence intervals are shown in parentheses. Confidence intervals were computed using the Wilson Score formula.

Newcombe, R.G. (1998). Two-sided confidence intervals for the single proportion: comparison of seven methods.

Statistics in Medicine, 17: 857-872.