



California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Race/Ethnicity: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING				
		Number	Percent	95% CI		Number	Percent	95% CI	
				Lower	Upper			Lower	Upper
<b>CALIFORNIA</b>	<b>415,138</b>	<b>390,082</b>	<b>94.0</b>	<b>(93.9 - 94.0)</b>		<b>289,803</b>	<b>69.8</b>	<b>(69.7 - 69.9)</b>	
African American	19,465	16,919	86.9	(86.4 - 87.4)		11,976	61.5	(60.8 - 62.2)	
American Indian	731	656	89.7	(87.3 - 91.7)		514	70.3	(66.9 - 73.5)	
Asian	58,075	55,229	95.1	(94.9 - 95.3)		37,138	63.9	(63.6 - 64.3)	
Multiple Race	15,629	14,686	94.0	(93.6 - 94.3)		12,043	77.1	(76.4 - 77.7)	
Pacific Islander	595	530	89.1	(86.3 - 91.3)		387	65.0	(61.1 - 68.8)	
Other	6,653	5,997	90.1	(89.4 - 90.8)		4,305	64.7	(63.6 - 65.8)	
White	107,667	102,778	95.5	(95.3 - 95.6)		87,555	81.3	(81.1 - 81.6)	
Hispanic	195,663	183,258	93.7	(93.6 - 93.8)		128,236	65.5	(65.3 - 65.7)	
Missing	10,660	*	*	*		*	*	*	
<b>ALAMEDA</b>	<b>16,537</b>	<b>16,035</b>	<b>97.0</b>	<b>(96.7 - 97.2)</b>		<b>13,481</b>	<b>81.5</b>	<b>(80.9 - 82.1)</b>	
African American	1,229	1,151	93.7	(92.1 - 94.9)		939	76.4	(73.9 - 78.7)	
American Indian	12	12	100.0	(75.8 - 100.0)		10	83.3	(55.2 - 95.3)	
Asian	5,112	5,011	98.0	(97.6 - 98.4)		4,079	79.8	(78.7 - 80.9)	
Multiple Race	800	772	96.5	(95.0 - 97.6)		658	82.3	(79.5 - 84.7)	
Pacific Islander	24	20	83.3	(64.1 - 93.3)		15	62.5	(42.7 - 78.8)	
Other	498	475	95.4	(93.2 - 96.9)		370	74.3	(70.3 - 77.9)	
White	3,863	3,773	97.7	(97.1 - 98.1)		3,398	88.0	(86.9 - 89.0)	
Hispanic	4,294	4,137	96.3	(95.7 - 96.9)		3,425	79.8	(78.5 - 80.9)	
Missing	705	*	*	*		*	*	*	
<b>ALPINE</b>	<b>6</b>	*	*	*		*	*	*	
African American	*	*	*	*		*	*	*	
American Indian	2	*	*	*		*	*	*	
Asian	*	*	*	*		*	*	*	
Multiple Race	*	*	*	*		*	*	*	
Pacific Islander	*	*	*	*		*	*	*	
Other	*	*	*	*		*	*	*	
White	2	*	*	*		*	*	*	
Hispanic	1	*	*	*		*	*	*	
Missing	1	*	*	*		*	*	*	
<b>AMADOR</b>	<b>269</b>	<b>263</b>	<b>97.8</b>	<b>(95.2 - 99.0)</b>		<b>230</b>	<b>85.5</b>	<b>(80.8 - 89.2)</b>	
African American	1	*	*	*		*	*	*	
American Indian	4	*	*	*		*	*	*	
Asian	2	*	*	*		*	*	*	
Multiple Race	16	16	100.0	(80.6 - 100.0)		16	100.0	(80.6 - 100.0)	
Pacific Islander	*	*	*	*		*	*	*	
Other	*	*	*	*		*	*	*	
White	197	194	98.5	(95.6 - 99.5)		170	86.3	(80.8 - 90.4)	
Hispanic	43	42	97.7	(87.9 - 99.6)		34	79.1	(64.8 - 88.6)	
Missing	6	*	*	*		*	*	*	
<b>BUTTE</b>	<b>2,099</b>	<b>1,934</b>	<b>92.1</b>	<b>(90.9 - 93.2)</b>		<b>1,592</b>	<b>75.8</b>	<b>(74.0 - 77.6)</b>	
African American	32	31	96.9	(84.3 - 99.4)		17	53.1	(36.4 - 69.1)	
American Indian	15	14	93.3	(70.2 - 98.8)		13	86.7	(62.1 - 96.3)	
Asian	86	62	72.1	(61.8 - 80.5)		27	31.4	(22.6 - 41.8)	
Multiple Race	144	129	89.6	(83.5 - 93.6)		103	71.5	(63.7 - 78.3)	
Pacific Islander	3	*	*	*		*	*	*	
Other	48	26	54.2	(40.3 - 67.4)		13	27.1	(16.6 - 41.0)	
White	1,314	1,241	94.4	(93.1 - 95.6)		1,083	82.4	(80.3 - 84.4)	
Hispanic	404	384	95.0	(92.5 - 96.8)		297	73.5	(69.0 - 77.6)	
Missing	53	*	*	*		*	*	*	
<b>CALAVERAS</b>	<b>361</b>	<b>342</b>	<b>94.7</b>	<b>(91.9 - 96.6)</b>		<b>286</b>	<b>79.2</b>	<b>(74.7 - 83.1)</b>	
African American	3	*	*	*		*	*	*	
American Indian	2	*	*	*		*	*	*	
Asian	3	*	*	*		*	*	*	
Multiple Race	22	22	100.0	(85.1 - 100.0)		18	81.8	(61.5 - 92.7)	
Pacific Islander	*	*	*	*		*	*	*	
Other	1	*	*	*		*	*	*	
White	270	257	95.2	(91.9 - 97.2)		214	79.3	(74.0 - 83.7)	
Hispanic	53	48	90.6	(79.7 - 95.9)		40	75.5	(62.4 - 85.1)	
Missing	7	*	*	*		*	*	*	
<b>COLUSA</b>	<b>270</b>	<b>248</b>	<b>91.9</b>	<b>(88.0 - 94.6)</b>		<b>191</b>	<b>70.7</b>	<b>(65.1 - 75.8)</b>	
African American	1	*	*	*		*	*	*	
American Indian	1	*	*	*		*	*	*	
Asian	2	*	*	*		*	*	*	
Multiple Race	3	*	*	*		*	*	*	
Pacific Islander	*	*	*	*		*	*	*	
Other	1	*	*	*		*	*	*	
White	53	51	96.2	(87.2 - 99.0)		48	90.6	(79.7 - 95.9)	
Hispanic	203	184	90.6	(85.8 - 93.9)		131	64.5	(57.7 - 70.8)	
Missing	6	*	*	*		*	*	*	

California Department of Public Health  
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Data not shown for missing race/ethnicity



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		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>CONTRA COSTA</b>	<b>10,743</b>	<b>10,400</b>	<b>96.8</b>	<b>(96.5 - 97.1)</b>	<b>8,703</b>	<b>81.0</b>	<b>(80.3 - 81.7)</b>
African American	908	840	92.5	(90.6 - 94.0)	656	72.2	(69.2 - 75.1)
American Indian	4	*	*	*	*	*	*
Asian	1,499	1,468	97.9	(97.1 - 98.5)	1,191	79.5	(77.3 - 81.4)
Multiple Race	535	519	97.0	(95.2 - 98.2)	437	81.7	(78.2 - 84.7)
Pacific Islander	38	38	100.0	(90.8 - 100.0)	28	73.7	(58.0 - 85.0)
Other	305	298	97.7	(95.3 - 98.9)	250	82.0	(77.3 - 85.9)
White	3,518	3,419	97.2	(96.6 - 97.7)	2,934	83.4	(82.1 - 84.6)
Hispanic	3,559	3,452	97.0	(96.4 - 97.5)	2,895	81.3	(80.0 - 82.6)
Missing	377	*	*	*	*	*	*
<b>DEL NORTE</b>	<b>224</b>	<b>206</b>	<b>92.0</b>	<b>(87.7 - 94.9)</b>	<b>157</b>	<b>70.1</b>	<b>(63.8 - 75.7)</b>
African American	1	*	*	*	*	*	*
American Indian	20	15	75.0	(53.1 - 88.8)	11	55.0	(34.2 - 74.2)
Asian	9	*	*	*	*	*	*
Multiple Race	21	19	90.5	(71.1 - 97.3)	16	76.2	(54.9 - 89.4)
Pacific Islander	*	*	*	*	*	*	*
Other	6	*	*	*	*	*	*
White	128	121	94.5	(89.1 - 97.3)	96	75.0	(66.8 - 81.7)
Hispanic	38	36	94.7	(82.7 - 98.5)	28	73.7	(58.0 - 85.0)
Missing	1	*	*	*	*	*	*
<b>EL DORADO</b>	<b>1,351</b>	<b>1,310</b>	<b>97.0</b>	<b>(95.9 - 97.8)</b>	<b>1,123</b>	<b>83.1</b>	<b>(81.0 - 85.0)</b>
African American	8	*	*	*	*	*	*
American Indian	8	*	*	*	*	*	*
Asian	48	46	95.8	(86.0 - 98.8)	34	70.8	(56.8 - 81.8)
Multiple Race	64	60	93.8	(85.0 - 97.5)	57	89.1	(79.1 - 94.6)
Pacific Islander	1	*	*	*	*	*	*
Other	6	*	*	*	*	*	*
White	923	904	97.9	(96.8 - 98.7)	798	86.5	(84.1 - 88.5)
Hispanic	263	251	95.4	(92.2 - 97.4)	190	72.2	(66.5 - 77.3)
Missing	30	*	*	*	*	*	*
<b>FRESNO</b>	<b>13,035</b>	<b>11,525</b>	<b>88.4</b>	<b>(87.9 - 89.0)</b>	<b>9,334</b>	<b>71.6</b>	<b>(70.8 - 72.4)</b>
African American	585	478	81.7	(78.4 - 84.6)	393	67.2	(63.3 - 70.9)
American Indian	34	29	85.3	(69.9 - 93.6)	26	76.5	(60.0 - 87.6)
Asian	970	758	78.1	(75.4 - 80.6)	568	58.6	(55.4 - 61.6)
Multiple Race	398	313	78.6	(74.4 - 82.4)	248	62.3	(57.5 - 66.9)
Pacific Islander	5	*	*	*	*	*	*
Other	360	239	66.4	(61.4 - 71.1)	174	48.3	(43.2 - 53.5)
White	2,401	2,233	93.0	(91.9 - 94.0)	1,955	81.4	(79.8 - 82.9)
Hispanic	7,958	7,176	90.2	(89.5 - 90.8)	5,736	72.1	(71.1 - 73.1)
Missing	324	*	*	*	*	*	*
<b>GLENN</b>	<b>320</b>	<b>303</b>	<b>94.7</b>	<b>(91.7 - 96.7)</b>	<b>245</b>	<b>76.6</b>	<b>(71.6 - 80.9)</b>
African American	1	*	*	*	*	*	*
American Indian	5	*	*	*	*	*	*
Asian	5	*	*	*	*	*	*
Multiple Race	9	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	123	119	96.7	(91.9 - 98.7)	110	89.4	(82.8 - 93.7)
Hispanic	170	157	92.4	(87.4 - 95.5)	119	70.0	(62.7 - 76.4)
Missing	6	*	*	*	*	*	*
<b>HUMBOLDT</b>	<b>1,216</b>	<b>1,138</b>	<b>93.6</b>	<b>(92.1 - 94.8)</b>	<b>944</b>	<b>77.6</b>	<b>(75.2 - 79.9)</b>
African American	15	12	80.0	(54.8 - 93.0)	*	*	*
American Indian	79	76	96.2	(89.4 - 98.7)	64	81.0	(71.0 - 88.1)
Asian	25	17	68.0	(48.4 - 82.8)	*	*	*
Multiple Race	133	123	92.5	(86.7 - 95.9)	101	75.9	(68.0 - 82.4)
Pacific Islander	1	*	*	*	*	*	*
Other	25	13	52.0	(33.5 - 70.0)	*	*	*
White	697	665	95.4	(93.6 - 96.7)	582	83.5	(80.6 - 86.1)
Hispanic	194	188	96.9	(93.4 - 98.6)	140	72.2	(65.5 - 78.0)
Missing	47	*	*	*	*	*	*
<b>IMPERIAL</b>	<b>2,443</b>	<b>2,245</b>	<b>91.9</b>	<b>(90.7 - 92.9)</b>	<b>1,061</b>	<b>43.4</b>	<b>(41.5 - 45.4)</b>
African American	13	11	84.6	(57.8 - 95.7)	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	14	11	78.6	(52.4 - 92.4)	*	*	*
Multiple Race	11	10	90.9	(62.3 - 98.4)	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	122	110	90.2	(83.6 - 94.3)	70	57.4	(48.5 - 65.8)
Hispanic	2,230	2,059	92.3	(91.2 - 93.4)	953	42.7	(40.7 - 44.8)
Missing	51	*	*	*	*	*	*

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		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>INYO</b>	<b>173</b>	<b>170</b>	<b>98.3</b>	<b>(95.0 - 99.4)</b>	<b>150</b>	<b>86.7</b>	<b>(80.8 - 91.0)</b>
African American	2	*	*	*	*	*	*
American Indian	10	10	100.0	(72.2 - 100.0)	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	17	17	100.0	(81.6 - 100.0)	16	94.1	(73.0 - 99.0)
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	80	78	97.5	(91.3 - 99.3)	73	91.3	(83.0 - 95.7)
Hispanic	59	58	98.3	(91.0 - 99.7)	47	79.7	(67.7 - 88.0)
Missing	5	*	*	*	*	*	*
<b>KERN</b>	<b>11,660</b>	<b>10,470</b>	<b>89.8</b>	<b>(89.2 - 90.3)</b>	<b>7,435</b>	<b>63.8</b>	<b>(62.9 - 64.6)</b>
African American	557	402	72.2	(68.3 - 75.7)	250	44.9	(40.8 - 49.0)
American Indian	21	16	76.2	(54.9 - 89.4)	12	57.1	(36.5 - 75.5)
Asian	320	306	95.6	(92.8 - 97.4)	201	62.8	(57.4 - 67.9)
Multiple Race	212	188	88.7	(83.7 - 92.3)	149	70.3	(63.8 - 76.0)
Pacific Islander	5	*	*	*	*	*	*
Other	83	78	94.0	(86.7 - 97.4)	50	60.2	(49.5 - 70.1)
White	2,902	2,613	90.0	(88.9 - 91.1)	2,178	75.1	(73.4 - 76.6)
Hispanic	7,293	6,618	90.7	(90.1 - 91.4)	4,422	60.6	(59.5 - 61.7)
Missing	267	*	*	*	*	*	*
<b>KINGS</b>	<b>2,085</b>	<b>1,887</b>	<b>90.5</b>	<b>(89.2 - 91.7)</b>	<b>1,322</b>	<b>63.4</b>	<b>(61.3 - 65.4)</b>
African American	60	57	95.0	(86.3 - 98.3)	42	70.0	(57.5 - 80.1)
American Indian	12	11	91.7	(64.6 - 98.5)	*	*	*
Asian	37	33	89.2	(75.3 - 95.7)	24	64.9	(48.8 - 78.2)
Multiple Race	75	71	94.7	(87.1 - 97.9)	52	69.3	(58.2 - 78.6)
Pacific Islander	3	*	*	*	*	*	*
Other	19	16	84.2	(62.4 - 94.5)	12	63.2	(41.0 - 80.9)
White	452	422	93.4	(90.7 - 95.3)	361	79.9	(75.9 - 83.3)
Hispanic	1,337	1,191	89.1	(87.3 - 90.6)	765	57.2	(54.5 - 59.8)
Missing	90	*	*	*	*	*	*
<b>LAKE</b>	<b>613</b>	<b>571</b>	<b>93.1</b>	<b>(90.9 - 94.9)</b>	<b>445</b>	<b>72.6</b>	<b>(68.9 - 76.0)</b>
African American	6	*	*	*	*	*	*
American Indian	25	20	80.0	(60.9 - 91.1)	15	60.0	(40.7 - 76.6)
Asian	5	*	*	*	*	*	*
Multiple Race	38	37	97.4	(86.5 - 99.5)	25	65.8	(49.9 - 78.8)
Pacific Islander	1	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	334	314	94.0	(90.9 - 96.1)	263	78.7	(74.0 - 82.8)
Hispanic	194	180	92.8	(88.3 - 95.7)	127	65.5	(58.5 - 71.8)
Missing	8	*	*	*	*	*	*
<b>LASSEN</b>	<b>219</b>	<b>208</b>	<b>95.0</b>	<b>(91.2 - 97.2)</b>	<b>146</b>	<b>66.7</b>	<b>(60.2 - 72.6)</b>
African American	3	*	*	*	*	*	*
American Indian	4	*	*	*	*	*	*
Asian	4	*	*	*	*	*	*
Multiple Race	16	13	81.3	(57.0 - 93.4)	10	62.5	(38.6 - 81.5)
Pacific Islander	*	*	*	*	*	*	*
Other	5	*	*	*	*	*	*
White	144	138	95.8	(91.2 - 98.1)	102	70.8	(62.9 - 77.6)
Hispanic	38	37	97.4	(86.5 - 99.5)	22	57.9	(42.2 - 72.1)
Missing	5	*	*	*	*	*	*
<b>LOS ANGELES</b>	<b>103,722</b>	<b>97,439</b>	<b>93.9</b>	<b>(93.8 - 94.1)</b>	<b>65,821</b>	<b>63.5</b>	<b>(63.2 - 63.8)</b>
African American	6,770	5,798	85.6	(84.8 - 86.5)	3,841	56.7	(55.6 - 57.9)
American Indian	60	52	86.7	(75.8 - 93.1)	34	56.7	(44.1 - 68.4)
Asian	15,511	14,843	95.7	(95.4 - 96.0)	8,524	55.0	(54.2 - 55.7)
Multiple Race	2,829	2,667	94.3	(93.4 - 95.1)	2,171	76.7	(75.1 - 78.3)
Pacific Islander	126	109	86.5	(79.5 - 91.4)	68	54.0	(45.3 - 62.4)
Other	1,394	1,338	96.0	(94.8 - 96.9)	967	69.4	(66.9 - 71.7)
White	18,483	17,680	95.7	(95.4 - 95.9)	14,750	79.8	(79.2 - 80.4)
Hispanic	56,525	53,052	93.9	(93.7 - 94.1)	34,173	60.5	(60.1 - 60.9)
Missing	2,024	*	*	*	*	*	*
<b>MADERA</b>	<b>1,851</b>	<b>1,682</b>	<b>90.9</b>	<b>(89.5 - 92.1)</b>	<b>1,211</b>	<b>65.4</b>	<b>(63.2 - 67.6)</b>
African American	18	16	88.9	(67.2 - 96.9)	11	61.1	(38.6 - 79.7)
American Indian	9	*	*	*	*	*	*
Asian	26	25	96.2	(81.1 - 99.3)	20	76.9	(57.9 - 89.0)
Multiple Race	11	10	90.9	(62.3 - 98.4)	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	18	16	88.9	(67.2 - 96.9)	12	66.7	(43.7 - 83.7)
White	374	355	94.9	(92.2 - 96.7)	292	78.1	(73.6 - 82.0)
Hispanic	1,335	1,195	89.5	(87.8 - 91.0)	817	61.2	(58.6 - 63.8)
Missing	60	*	*	*	*	*	*

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<b>MARIN</b>	<b>1,978</b>	<b>1,955</b>	<b>98.8</b>	<b>(98.3 - 99.2)</b>	<b>1,750</b>	<b>88.5</b>	<b>(87.0 - 89.8)</b>
African American	31	28	90.3	(75.1 - 96.7)	24	77.4	(60.2 - 88.6)
American Indian	2	*	*	*	*	*	*
Asian	124	122	98.4	(94.3 - 99.6)	107	86.3	(79.1 - 91.3)
Multiple Race	103	102	99.0	(94.7 - 99.8)	87	84.5	(76.2 - 90.2)
Pacific Islander	1	*	*	*	*	*	*
Other	23	23	100.0	(85.7 - 100.0)	19	82.6	(62.9 - 93.0)
White	1,026	1,016	99.0	(98.2 - 99.5)	913	89.0	(86.9 - 90.8)
Hispanic	587	582	99.1	(98.0 - 99.6)	523	89.1	(86.3 - 91.4)
Missing	81	*	*	*	*	*	*
<b>MARIPOSA</b>	<b>124</b>	<b>114</b>	<b>91.9</b>	<b>(85.8 - 95.6)</b>	<b>98</b>	<b>79.0</b>	<b>(71.0 - 85.3)</b>
African American	*	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*
Multiple Race	6	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	90	84	93.3	(86.2 - 96.9)	73	81.1	(71.8 - 87.9)
Hispanic	20	18	90.0	(69.9 - 97.2)	15	75.0	(53.1 - 88.8)
Missing	6	*	*	*	*	*	*
<b>MENDOCINO</b>	<b>838</b>	<b>812</b>	<b>96.9</b>	<b>(95.5 - 97.9)</b>	<b>610</b>	<b>72.8</b>	<b>(69.7 - 75.7)</b>
African American	2	*	*	*	*	*	*
American Indian	33	29	87.9	(72.7 - 95.2)	21	63.6	(46.6 - 77.8)
Asian	13	13	100.0	(77.2 - 100.0)	*	*	*
Multiple Race	30	26	86.7	(70.3 - 94.7)	19	63.3	(45.5 - 78.1)
Pacific Islander	*	*	*	*	*	*	*
Other	3	*	*	*	*	*	*
White	398	390	98.0	(96.1 - 99.0)	326	81.9	(77.8 - 85.4)
Hispanic	338	328	97.0	(94.6 - 98.4)	216	63.9	(58.7 - 68.8)
Missing	21	*	*	*	*	*	*
<b>MERCED</b>	<b>3,687</b>	<b>3,381</b>	<b>91.7</b>	<b>(90.8 - 92.5)</b>	<b>2,201</b>	<b>59.7</b>	<b>(58.1 - 61.3)</b>
African American	82	68	82.9	(73.4 - 89.5)	47	57.3	(46.5 - 67.5)
American Indian	1	*	*	*	*	*	*
Asian	132	111	84.1	(76.9 - 89.4)	49	37.1	(29.4 - 45.6)
Multiple Race	62	57	91.9	(82.5 - 96.5)	40	64.5	(52.1 - 75.3)
Pacific Islander	1	*	*	*	*	*	*
Other	98	69	70.4	(60.7 - 78.5)	32	32.7	(24.2 - 42.4)
White	692	631	91.2	(88.8 - 93.1)	501	72.4	(69.0 - 75.6)
Hispanic	2,477	2,318	93.6	(92.5 - 94.5)	1,444	58.3	(56.3 - 60.2)
Missing	142	*	*	*	*	*	*
<b>MODOC</b>	<b>26</b>	<b>25</b>	<b>96.2</b>	<b>(81.1 - 99.3)</b>	<b>14</b>	<b>53.8</b>	<b>(35.5 - 71.2)</b>
African American	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	2	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	18	18	100.0	(82.4 - 100.0)	11	61.1	(38.6 - 79.7)
Hispanic	3	*	*	*	*	*	*
Missing	1	*	*	*	*	*	*
<b>MONO</b>	<b>109</b>	<b>105</b>	<b>96.3</b>	<b>(90.9 - 98.6)</b>	<b>94</b>	<b>86.2</b>	<b>(78.5 - 91.5)</b>
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	5	*	*	*	*	*	*
Pacific Islander	1	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	52	51	98.1	(89.9 - 99.7)	50	96.2	(87.0 - 98.9)
Hispanic	42	39	92.9	(81.0 - 97.5)	32	76.2	(61.5 - 86.5)
Missing	7	*	*	*	*	*	*
<b>MONTEREY</b>	<b>5,008</b>	<b>4,812</b>	<b>96.1</b>	<b>(95.5 - 96.6)</b>	<b>3,088</b>	<b>61.7</b>	<b>(60.3 - 63.0)</b>
African American	52	47	90.4	(79.4 - 95.8)	40	76.9	(63.9 - 86.3)
American Indian	3	*	*	*	*	*	*
Asian	123	120	97.6	(93.1 - 99.2)	97	78.9	(70.8 - 85.1)
Multiple Race	117	111	94.9	(89.3 - 97.6)	98	83.8	(76.0 - 89.4)
Pacific Islander	6	*	*	*	*	*	*
Other	40	40	100.0	(91.2 - 100.0)	24	60.0	(44.6 - 73.7)
White	836	812	97.1	(95.8 - 98.1)	717	85.8	(83.2 - 88.0)
Hispanic	3,705	3,554	95.9	(95.2 - 96.5)	2,030	54.8	(53.2 - 56.4)
Missing	126	*	*	*	*	*	*

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: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>NAPA</b>	<b>1,128</b>	<b>1,102</b>	<b>97.7</b>	<b>(96.6 - 98.4)</b>	<b>953</b>	<b>84.5</b>	<b>(82.3 - 86.5)</b>
African American	16	16	100.0	(80.6 - 100.0)	11	68.8	(44.4 - 85.8)
American Indian	2	*	*	*	*	*	*
Asian	54	52	96.3	(87.5 - 99.0)	46	85.2	(73.4 - 92.3)
Multiple Race	39	38	97.4	(86.8 - 99.5)	32	82.1	(67.3 - 91.0)
Pacific Islander	1	*	*	*	*	*	*
Other	6	*	*	*	*	*	*
White	462	454	98.3	(96.6 - 99.1)	399	86.4	(82.9 - 89.2)
Hispanic	525	511	97.3	(95.6 - 98.4)	446	85.0	(81.6 - 87.8)
Missing	23	*	*	*	*	*	*
<b>NEVADA</b>	<b>663</b>	<b>649</b>	<b>97.9</b>	<b>(96.5 - 98.7)</b>	<b>595</b>	<b>89.7</b>	<b>(87.2 - 91.8)</b>
African American	2	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	8	*	*	*	*	*	*
Multiple Race	42	40	95.2	(84.2 - 98.7)	36	85.7	(72.2 - 93.3)
Pacific Islander	*	*	*	*	*	*	*
Other	5	*	*	*	*	*	*
White	494	484	98.0	(96.3 - 98.9)	447	90.5	(87.6 - 92.8)
Hispanic	91	89	97.8	(92.3 - 99.4)	79	86.8	(78.4 - 92.3)
Missing	19	*	*	*	*	*	*
<b>ORANGE</b>	<b>34,400</b>	<b>32,611</b>	<b>94.8</b>	<b>(94.6 - 95.0)</b>	<b>22,633</b>	<b>65.8</b>	<b>(65.3 - 66.3)</b>
African American	335	309	92.2	(88.9 - 94.6)	220	65.7	(60.4 - 70.6)
American Indian	15	14	93.3	(70.2 - 98.8)	12	80.0	(54.8 - 93.0)
Asian	8,946	8,381	93.7	(93.2 - 94.2)	4,659	52.1	(51.0 - 53.1)
Multiple Race	1,202	1,150	95.7	(94.4 - 96.7)	924	76.9	(74.4 - 79.2)
Pacific Islander	48	41	85.4	(72.8 - 92.8)	30	62.5	(48.4 - 74.8)
Other	416	396	95.2	(92.7 - 96.9)	280	67.3	(62.7 - 71.6)
White	9,123	8,808	96.5	(96.2 - 96.9)	7,484	82.0	(81.2 - 82.8)
Hispanic	13,645	12,882	94.4	(94.0 - 94.8)	8,562	62.7	(61.9 - 63.6)
Missing	670	*	*	*	*	*	*
<b>PLACER</b>	<b>3,222</b>	<b>3,104</b>	<b>96.3</b>	<b>(95.6 - 96.9)</b>	<b>2,548</b>	<b>79.1</b>	<b>(77.6 - 80.5)</b>
African American	34	33	97.1	(85.1 - 99.5)	23	67.6	(50.8 - 80.9)
American Indian	5	*	*	*	*	*	*
Asian	224	218	97.3	(94.3 - 98.8)	171	76.3	(70.4 - 81.4)
Multiple Race	214	205	95.8	(92.2 - 97.8)	176	82.2	(76.6 - 86.8)
Pacific Islander	5	*	*	*	*	*	*
Other	29	28	96.6	(82.8 - 99.4)	22	75.9	(57.9 - 87.8)
White	2,000	1,928	96.4	(95.5 - 97.1)	1,604	80.2	(78.4 - 81.9)
Hispanic	635	608	95.7	(93.9 - 97.1)	480	75.6	(72.1 - 78.8)
Missing	76	*	*	*	*	*	*
<b>PLUMAS</b>	<b>119</b>	<b>113</b>	<b>95.0</b>	<b>(89.4 - 97.7)</b>	<b>95</b>	<b>79.8</b>	<b>(71.7 - 86.1)</b>
African American	*	*	*	*	*	*	*
American Indian	3	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	9	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	81	76	93.8	(86.4 - 97.3)	63	77.8	(67.6 - 85.5)
Hispanic	22	21	95.5	(78.2 - 99.2)	20	90.9	(72.2 - 97.5)
Missing	4	*	*	*	*	*	*
<b>RIVERSIDE</b>	<b>25,939</b>	<b>23,898</b>	<b>92.1</b>	<b>(91.8 - 92.5)</b>	<b>17,515</b>	<b>67.5</b>	<b>(67.0 - 68.1)</b>
African American	1,369	1,186	86.6	(84.7 - 88.3)	856	62.5	(59.9 - 65.1)
American Indian	52	45	86.5	(74.7 - 93.3)	33	63.5	(49.9 - 75.2)
Asian	1,679	1,551	92.4	(91.0 - 93.6)	816	48.6	(46.2 - 51.0)
Multiple Race	760	720	94.7	(92.9 - 96.1)	593	78.0	(74.9 - 80.8)
Pacific Islander	39	32	82.1	(67.3 - 91.0)	24	61.5	(45.9 - 75.1)
Other	179	162	90.5	(85.3 - 94.0)	117	65.4	(58.1 - 71.9)
White	5,980	5,535	92.6	(91.9 - 93.2)	4,616	77.2	(76.1 - 78.2)
Hispanic	15,250	14,097	92.4	(92.0 - 92.8)	10,051	65.9	(65.2 - 66.7)
Missing	631	*	*	*	*	*	*
<b>SACRAMENTO</b>	<b>16,720</b>	<b>15,518</b>	<b>92.8</b>	<b>(92.4 - 93.2)</b>	<b>12,306</b>	<b>73.6</b>	<b>(72.9 - 74.3)</b>
African American	1,686	1,506	89.3	(87.8 - 90.7)	1,147	68.0	(65.8 - 70.2)
American Indian	28	25	89.3	(72.8 - 96.3)	21	75.0	(56.6 - 87.3)
Asian	2,066	1,894	91.7	(90.4 - 92.8)	1,397	67.6	(65.6 - 69.6)
Multiple Race	1,328	1,200	90.4	(88.7 - 91.8)	941	70.9	(68.4 - 73.2)
Pacific Islander	37	35	94.6	(82.3 - 98.5)	25	67.6	(51.5 - 80.4)
Other	924	750	81.2	(78.5 - 83.6)	494	53.5	(50.2 - 56.7)
White	5,426	5,196	95.8	(95.2 - 96.3)	4,422	81.5	(80.4 - 82.5)
Hispanic	4,667	4,391	94.1	(93.4 - 94.7)	3,451	73.9	(72.7 - 75.2)
Missing	558	*	*	*	*	*	*

California Department of Public Health  
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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: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>SAN BENITO</b>	<b>629</b>	<b>598</b>	<b>95.1</b>	<b>(93.1 - 96.5)</b>	<b>431</b>	<b>68.5</b>	<b>(64.8 - 72.0)</b>
African American	4	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	11	11	100.0	(74.1 - 100.0)	*	*	*
Multiple Race	11	11	100.0	(74.1 - 100.0)	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	5	*	*	*	*	*	*
White	170	161	94.7	(90.2 - 97.2)	140	82.4	(75.9 - 87.3)
Hispanic	402	382	95.0	(92.4 - 96.8)	249	61.9	(57.1 - 66.6)
Missing	26	*	*	*	*	*	*
<b>SAN BERNARDINO</b>	<b>25,839</b>	<b>23,276</b>	<b>90.1</b>	<b>(89.7 - 90.4)</b>	<b>15,986</b>	<b>61.9</b>	<b>(61.3 - 62.5)</b>
African American	1,955	1,583	81.0	(79.2 - 82.7)	989	50.6	(48.4 - 52.8)
American Indian	23	22	95.7	(79.0 - 99.2)	20	87.0	(67.9 - 95.5)
Asian	2,349	2,167	92.3	(91.1 - 93.3)	998	42.5	(40.5 - 44.5)
Multiple Race	720	655	91.0	(88.7 - 92.9)	494	68.6	(65.1 - 71.9)
Pacific Islander	28	26	92.9	(77.4 - 98.0)	22	78.6	(60.5 - 89.8)
Other	186	156	83.9	(77.9 - 88.5)	105	56.5	(49.3 - 63.4)
White	4,959	4,524	91.2	(90.4 - 92.0)	3,667	73.9	(72.7 - 75.1)
Hispanic	15,118	13,688	90.5	(90.1 - 91.0)	9,358	61.9	(61.1 - 62.7)
Missing	501	*	*	*	*	*	*
<b>SAN DIEGO</b>	<b>35,082</b>	<b>33,694</b>	<b>96.0</b>	<b>(95.8 - 96.2)</b>	<b>27,564</b>	<b>78.6</b>	<b>(78.1 - 79.0)</b>
African American	1,392	1,301	93.5	(92.0 - 94.6)	937	67.3	(64.8 - 69.7)
American Indian	83	72	86.7	(77.8 - 92.4)	60	72.3	(61.8 - 80.8)
Asian	3,207	3,069	95.7	(94.9 - 96.3)	2,453	76.5	(75.0 - 77.9)
Multiple Race	1,703	1,631	95.8	(94.7 - 96.6)	1,364	80.1	(78.1 - 81.9)
Pacific Islander	75	70	93.3	(85.3 - 97.1)	55	73.3	(62.4 - 82.0)
Other	577	555	96.2	(94.3 - 97.5)	444	76.9	(73.3 - 80.2)
White	12,042	11,648	96.7	(96.4 - 97.0)	10,222	84.9	(84.2 - 85.5)
Hispanic	15,008	14,397	95.9	(95.6 - 96.2)	11,294	75.3	(74.6 - 75.9)
Missing	995	*	*	*	*	*	*
<b>SAN FRANCISCO</b>	<b>7,964</b>	<b>7,726</b>	<b>97.0</b>	<b>(96.6 - 97.4)</b>	<b>6,469</b>	<b>81.2</b>	<b>(80.4 - 82.1)</b>
African American	306	275	89.9	(86.0 - 92.8)	209	68.3	(62.9 - 73.3)
American Indian	3	*	*	*	*	*	*
Asian	2,393	2,296	95.9	(95.1 - 96.7)	1,640	68.5	(66.6 - 70.4)
Multiple Race	413	399	96.6	(94.4 - 98.0)	348	84.3	(80.4 - 87.5)
Pacific Islander	21	17	81.0	(60.0 - 92.3)	12	57.1	(36.5 - 75.5)
Other	120	116	96.7	(91.7 - 98.7)	103	85.8	(78.5 - 91.0)
White	3,025	2,976	98.4	(97.9 - 98.8)	2,696	89.1	(88.0 - 90.2)
Hispanic	1,385	1,356	97.9	(97.0 - 98.5)	1,207	87.1	(85.3 - 88.8)
Missing	298	*	*	*	*	*	*
<b>SAN JOAQUIN</b>	<b>8,437</b>	<b>7,548</b>	<b>89.5</b>	<b>(88.8 - 90.1)</b>	<b>5,616</b>	<b>66.6</b>	<b>(65.5 - 67.6)</b>
African American	595	462	77.6	(74.1 - 80.8)	296	49.7	(45.7 - 53.8)
American Indian	14	11	78.6	(52.4 - 92.4)	*	*	*
Asian	1,003	856	85.3	(83.0 - 87.4)	569	56.7	(53.6 - 59.8)
Multiple Race	436	383	87.8	(84.4 - 90.6)	298	68.3	(63.8 - 72.5)
Pacific Islander	16	11	68.8	(44.4 - 85.8)	*	*	*
Other	218	179	82.1	(76.5 - 86.6)	108	49.5	(43.0 - 56.1)
White	1,873	1,694	90.4	(89.0 - 91.7)	1,419	75.8	(73.8 - 77.6)
Hispanic	4,045	3,735	92.3	(91.5 - 93.1)	2,759	68.2	(66.8 - 69.6)
Missing	237	*	*	*	*	*	*
<b>SAN LUIS OBISPO</b>	<b>2,211</b>	<b>2,145</b>	<b>97.0</b>	<b>(96.2 - 97.6)</b>	<b>1,889</b>	<b>85.4</b>	<b>(83.9 - 86.8)</b>
African American	23	21	91.3	(73.2 - 97.6)	17	73.9	(53.5 - 87.5)
American Indian	2	*	*	*	*	*	*
Asian	39	39	100.0	(91.0 - 100.0)	31	79.5	(64.5 - 89.2)
Multiple Race	87	87	100.0	(95.8 - 100.0)	78	89.7	(81.5 - 94.5)
Pacific Islander	2	*	*	*	*	*	*
Other	10	10	100.0	(72.2 - 100.0)	*	*	*
White	1,245	1,213	97.4	(96.4 - 98.2)	1,132	90.9	(89.2 - 92.4)
Hispanic	753	723	96.0	(94.4 - 97.2)	577	76.6	(73.5 - 79.5)
Missing	50	*	*	*	*	*	*
<b>SAN MATEO</b>	<b>7,763</b>	<b>7,535</b>	<b>97.1</b>	<b>(96.7 - 97.4)</b>	<b>6,228</b>	<b>80.2</b>	<b>(79.3 - 81.1)</b>
African American	95	88	92.6	(85.6 - 96.4)	63	66.3	(56.3 - 75.0)
American Indian	4	*	*	*	*	*	*
Asian	2,228	2,177	97.7	(97.0 - 98.3)	1,790	80.3	(78.6 - 81.9)
Multiple Race	422	408	96.7	(94.5 - 98.0)	350	82.9	(79.1 - 86.2)
Pacific Islander	21	15	71.4	(50.0 - 86.2)	11	52.4	(32.4 - 71.7)
Other	192	174	90.6	(85.7 - 94.0)	135	70.3	(63.5 - 76.3)
White	2,276	2,218	97.5	(96.7 - 98.0)	1,990	87.4	(86.0 - 88.7)
Hispanic	2,245	2,179	97.1	(96.3 - 97.7)	1,659	73.9	(72.0 - 75.7)
Missing	280	*	*	*	*	*	*

California Department of Public Health  
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Data not shown for missing race/ethnicity



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Statewide and Maternal County of Residence by Race/Ethnicity: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>SANTA BARBARA</b>	<b>4,975</b>	<b>4,784</b>	<b>96.2</b>	<b>(95.6 - 96.7)</b>	<b>3,064</b>	<b>61.6</b>	<b>(60.2 - 62.9)</b>
African American	26	24	92.3	(75.9 - 97.9)	14	53.8	(35.5 - 71.2)
American Indian	*	*	*	*	*	*	*
Asian	127	124	97.6	(93.3 - 99.2)	84	66.1	(57.5 - 73.8)
Multiple Race	136	130	95.6	(90.7 - 98.0)	98	72.1	(64.0 - 78.9)
Pacific Islander	*	*	*	*	*	*	*
Other	24	24	100.0	(86.2 - 100.0)	17	70.8	(50.8 - 85.1)
White	1,348	1,326	98.4	(97.5 - 98.9)	1,098	81.5	(79.3 - 83.4)
Hispanic	3,215	3,061	95.2	(94.4 - 95.9)	1,694	52.7	(51.0 - 54.4)
Missing	99	*	*	*	*	*	*
<b>SANTA CLARA</b>	<b>19,966</b>	<b>19,392</b>	<b>97.1</b>	<b>(96.9 - 97.3)</b>	<b>16,022</b>	<b>80.2</b>	<b>(79.7 - 80.8)</b>
African American	287	278	96.9	(94.1 - 98.3)	221	77.0	(71.8 - 81.5)
American Indian	12	12	100.0	(75.8 - 100.0)	*	*	*
Asian	7,705	7,556	98.1	(97.7 - 98.4)	6,143	79.7	(78.8 - 80.6)
Multiple Race	879	858	97.6	(96.4 - 98.4)	741	84.3	(81.7 - 86.6)
Pacific Islander	32	30	93.8	(79.9 - 98.3)	24	75.0	(57.9 - 86.7)
Other	313	304	97.1	(94.6 - 98.5)	247	78.9	(74.1 - 83.1)
White	4,023	3,913	97.3	(96.7 - 97.7)	3,495	86.9	(85.8 - 87.9)
Hispanic	5,985	5,727	95.7	(95.1 - 96.2)	4,549	76.0	(74.9 - 77.1)
Missing	730	*	*	*	*	*	*
<b>SANTA CRUZ</b>	<b>2,368</b>	<b>2,347</b>	<b>99.1</b>	<b>(98.6 - 99.4)</b>	<b>2,172</b>	<b>91.7</b>	<b>(90.5 - 92.8)</b>
African American	7	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	56	56	100.0	(93.6 - 100.0)	53	94.6	(85.4 - 98.2)
Multiple Race	68	67	98.5	(92.1 - 99.7)	66	97.1	(89.9 - 99.2)
Pacific Islander	*	*	*	*	*	*	*
Other	9	*	*	*	*	*	*
White	870	864	99.3	(98.5 - 99.7)	843	96.9	(95.5 - 97.9)
Hispanic	1,257	1,244	99.0	(98.2 - 99.4)	1,100	87.5	(85.6 - 89.2)
Missing	100	*	*	*	*	*	*
<b>SHASTA</b>	<b>1,809</b>	<b>1,740</b>	<b>96.2</b>	<b>(95.2 - 97.0)</b>	<b>886</b>	<b>49.0</b>	<b>(46.7 - 51.3)</b>
African American	17	16	94.1	(73.0 - 99.0)	*	*	*
American Indian	20	19	95.0	(76.4 - 99.1)	10	50.0	(29.9 - 70.1)
Asian	29	28	96.6	(82.8 - 99.4)	14	48.3	(31.4 - 65.6)
Multiple Race	66	60	90.9	(81.6 - 95.8)	33	50.0	(38.3 - 61.7)
Pacific Islander	2	*	*	*	*	*	*
Other	75	71	94.7	(87.1 - 97.9)	22	29.3	(20.2 - 40.4)
White	1,391	1,341	96.4	(95.3 - 97.3)	684	49.2	(46.6 - 51.8)
Hispanic	156	151	96.8	(92.7 - 98.6)	81	51.9	(44.1 - 59.6)
Missing	53	*	*	*	*	*	*
<b>SIERRA</b>	<b>15</b>	<b>15</b>	<b>100.0</b>	<b>(79.6 - 100.0)</b>	<b>10</b>	<b>66.7</b>	<b>(41.7 - 84.8)</b>
African American	*	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	1	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	10	10	100.0	(72.2 - 100.0)	*	*	*
Hispanic	3	*	*	*	*	*	*
Missing	1	*	*	*	*	*	*
<b>SISKIYOU</b>	<b>302</b>	<b>281</b>	<b>93.0</b>	<b>(89.6 - 95.4)</b>	<b>236</b>	<b>78.1</b>	<b>(73.1 - 82.4)</b>
African American	1	*	*	*	*	*	*
American Indian	13	12	92.3	(66.7 - 98.6)	12	92.3	(66.7 - 98.6)
Asian	1	*	*	*	*	*	*
Multiple Race	38	34	89.5	(75.9 - 95.8)	27	71.1	(55.2 - 83.0)
Pacific Islander	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	190	178	93.7	(89.3 - 96.4)	152	80.0	(73.7 - 85.1)
Hispanic	47	44	93.6	(82.8 - 97.8)	35	74.5	(60.5 - 84.7)
Missing	10	*	*	*	*	*	*
<b>SOLANO</b>	<b>4,199</b>	<b>3,991</b>	<b>95.0</b>	<b>(94.3 - 95.7)</b>	<b>3,380</b>	<b>80.5</b>	<b>(79.3 - 81.7)</b>
African American	495	452	91.3	(88.5 - 93.5)	360	72.7	(68.6 - 76.5)
American Indian	5	*	*	*	*	*	*
Asian	483	470	97.3	(95.4 - 98.4)	388	80.3	(76.6 - 83.6)
Multiple Race	344	329	95.6	(92.9 - 97.3)	288	83.7	(79.5 - 87.2)
Pacific Islander	26	24	92.3	(75.9 - 97.9)	22	84.6	(66.5 - 93.8)
Other	52	47	90.4	(79.4 - 95.8)	40	76.9	(63.9 - 86.3)
White	1,210	1,143	94.5	(93.0 - 95.6)	1,014	83.8	(81.6 - 85.8)
Hispanic	1,475	1,415	95.9	(94.8 - 96.8)	1,174	79.6	(77.5 - 81.6)
Missing	109	*	*	*	*	*	*

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: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>SONOMA</b>	<b>4,131</b>	<b>4,008</b>	<b>97.0</b>	<b>(96.5 - 97.5)</b>	<b>3,551</b>	<b>86.0</b>	<b>(84.9 - 87.0)</b>
African American	48	48	100.0	(92.6 - 100.0)	44	91.7	(80.4 - 96.7)
American Indian	19	18	94.7	(75.4 - 99.1)	16	84.2	(62.4 - 94.5)
Asian	153	152	99.3	(96.4 - 99.9)	128	83.7	(77.0 - 88.7)
Multiple Race	181	173	95.6	(91.5 - 97.7)	156	86.2	(80.4 - 90.5)
Pacific Islander	4	*	*	*	*	*	*
Other	27	25	92.6	(76.6 - 97.9)	19	70.4	(51.5 - 84.1)
White	1,889	1,830	96.9	(96.0 - 97.6)	1,689	89.4	(87.9 - 90.7)
Hispanic	1,662	1,615	97.2	(96.3 - 97.9)	1,366	82.2	(80.3 - 84.0)
Missing	148	*	*	*	*	*	*
<b>STANISLAUS</b>	<b>6,629</b>	<b>5,865</b>	<b>88.5</b>	<b>(87.7 - 89.2)</b>	<b>4,336</b>	<b>65.4</b>	<b>(64.3 - 66.5)</b>
African American	156	130	83.3	(76.7 - 88.4)	96	61.5	(53.7 - 68.8)
American Indian	3	*	*	*	*	*	*
Asian	279	243	87.1	(82.7 - 90.5)	152	54.5	(48.6 - 60.2)
Multiple Race	201	181	90.0	(85.1 - 93.5)	139	69.2	(62.5 - 75.1)
Pacific Islander	6	*	*	*	*	*	*
Other	119	108	90.8	(84.2 - 94.8)	62	52.1	(43.2 - 60.9)
White	2,014	1,772	88.0	(86.5 - 89.3)	1,423	70.7	(68.6 - 72.6)
Hispanic	3,714	3,304	89.0	(87.9 - 89.9)	2,370	63.8	(62.3 - 65.3)
Missing	137	*	*	*	*	*	*
<b>SUTTER</b>	<b>1,112</b>	<b>1,043</b>	<b>93.8</b>	<b>(92.2 - 95.1)</b>	<b>722</b>	<b>64.9</b>	<b>(62.1 - 67.7)</b>
African American	22	22	100.0	(85.1 - 100.0)	12	54.5	(34.7 - 73.1)
American Indian	3	*	*	*	*	*	*
Asian	139	128	92.1	(86.4 - 95.5)	74	53.2	(45.0 - 61.3)
Multiple Race	54	50	92.6	(82.4 - 97.1)	35	64.8	(51.5 - 76.2)
Pacific Islander	1	*	*	*	*	*	*
Other	45	45	100.0	(92.1 - 100.0)	19	42.2	(29.0 - 56.7)
White	432	408	94.4	(91.9 - 96.2)	330	76.4	(72.2 - 80.2)
Hispanic	398	369	92.7	(89.7 - 94.9)	237	59.5	(54.7 - 64.3)
Missing	18	*	*	*	*	*	*
<b>TEHAMA</b>	<b>617</b>	<b>585</b>	<b>94.8</b>	<b>(92.8 - 96.3)</b>	<b>426</b>	<b>69.0</b>	<b>(65.3 - 72.6)</b>
African American	1	*	*	*	*	*	*
American Indian	5	*	*	*	*	*	*
Asian	5	*	*	*	*	*	*
Multiple Race	24	19	79.2	(59.5 - 90.8)	16	66.7	(46.7 - 82.0)
Pacific Islander	*	*	*	*	*	*	*
Other	6	*	*	*	*	*	*
White	304	286	94.1	(90.8 - 96.2)	225	74.0	(68.8 - 78.6)
Hispanic	257	251	97.7	(95.0 - 98.9)	169	65.8	(59.8 - 71.3)
Missing	15	*	*	*	*	*	*
<b>TRINITY</b>	<b>113</b>	<b>111</b>	<b>98.2</b>	<b>(93.8 - 99.5)</b>	<b>63</b>	<b>55.8</b>	<b>(46.6 - 64.6)</b>
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*
Multiple Race	9	*	*	*	*	*	*
Pacific Islander	1	*	*	*	*	*	*
Other	7	*	*	*	*	*	*
White	90	89	98.9	(94.0 - 99.8)	47	52.2	(42.0 - 62.2)
Hispanic	2	*	*	*	*	*	*
Missing	1	*	*	*	*	*	*
<b>TULARE</b>	<b>6,132</b>	<b>5,585</b>	<b>91.1</b>	<b>(90.3 - 91.8)</b>	<b>3,449</b>	<b>56.2</b>	<b>(55.0 - 57.5)</b>
African American	61	49	80.3	(68.7 - 88.4)	31	50.8	(38.6 - 62.9)
American Indian	26	22	84.6	(66.5 - 93.8)	15	57.7	(38.9 - 74.5)
Asian	112	94	83.9	(76.0 - 89.6)	52	46.4	(37.5 - 55.6)
Multiple Race	95	87	91.6	(84.3 - 95.7)	59	62.1	(52.1 - 71.2)
Pacific Islander	2	*	*	*	*	*	*
Other	44	39	88.6	(76.0 - 95.0)	16	36.4	(23.8 - 51.1)
White	1,096	1,010	92.2	(90.4 - 93.6)	753	68.7	(65.9 - 71.4)
Hispanic	4,528	4,137	91.4	(90.5 - 92.1)	2,428	53.6	(52.2 - 55.1)
Missing	168	*	*	*	*	*	*
<b>TUOLUMNE</b>	<b>411</b>	<b>392</b>	<b>95.4</b>	<b>(92.9 - 97.0)</b>	<b>291</b>	<b>70.8</b>	<b>(66.2 - 75.0)</b>
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	5	*	*	*	*	*	*
Multiple Race	20	19	95.0	(76.4 - 99.1)	14	70.0	(48.1 - 85.5)
Pacific Islander	1	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	310	297	95.8	(93.0 - 97.5)	219	70.6	(65.3 - 75.4)
Hispanic	54	51	94.4	(84.9 - 98.1)	41	75.9	(63.1 - 85.4)
Missing	19	*	*	*	*	*	*

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: 2017

Geography and Race/Ethnicity	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI	Number	Percent	95% CI
				Lower-Upper			Lower-Upper
<b>VENTURA</b>	<b>8,245</b>	<b>7,948</b>	<b>96.4</b>	<b>(96.0 - 96.8)</b>	<b>6,262</b>	<b>75.9</b>	<b>(75.0 - 76.9)</b>
African American	83	79	95.2	(88.3 - 98.1)	65	78.3	(68.3 - 85.8)
American Indian	3	*	*	*	*	*	*
Asian	451	440	97.6	(95.7 - 98.6)	325	72.1	(67.7 - 76.0)
Multiple Race	260	252	96.9	(94.0 - 98.4)	214	82.3	(77.2 - 86.5)
Pacific Islander	7	*	*	*	*	*	*
Other	53	52	98.1	(90.1 - 99.7)	41	77.4	(64.5 - 86.5)
White	2,640	2,547	96.5	(95.7 - 97.1)	2,222	84.2	(82.7 - 85.5)
Hispanic	4,612	4,442	96.3	(95.7 - 96.8)	3,286	71.2	(69.9 - 72.5)
Missing	136	*	*	*	*	*	*
<b>YOLO</b>	<b>2,034</b>	<b>1,976</b>	<b>97.1</b>	<b>(96.3 - 97.8)</b>	<b>1,680</b>	<b>82.6</b>	<b>(80.9 - 84.2)</b>
African American	41	35	85.4	(71.6 - 93.1)	31	75.6	(60.7 - 86.2)
American Indian	8	*	*	*	*	*	*
Asian	209	202	96.7	(93.2 - 98.4)	157	75.1	(68.8 - 80.5)
Multiple Race	110	106	96.4	(91.0 - 98.6)	89	80.9	(72.6 - 87.2)
Pacific Islander	3	*	*	*	*	*	*
Other	45	44	97.8	(88.4 - 99.6)	31	68.9	(54.3 - 80.5)
White	725	710	97.9	(96.6 - 98.7)	622	85.8	(83.1 - 88.1)
Hispanic	822	798	97.1	(95.7 - 98.0)	683	83.1	(80.4 - 85.5)
Missing	71	*	*	*	*	*	*
<b>YUBA</b>	<b>997</b>	<b>916</b>	<b>91.9</b>	<b>(90.0 - 93.4)</b>	<b>689</b>	<b>69.1</b>	<b>(66.2 - 71.9)</b>
African American	28	26	92.9	(77.4 - 98.0)	21	75.0	(56.6 - 87.3)
American Indian	4	*	*	*	*	*	*
Asian	42	32	76.2	(61.5 - 86.5)	17	40.5	(27.0 - 55.5)
Multiple Race	78	71	91.0	(82.6 - 95.6)	59	75.6	(65.1 - 83.8)
Pacific Islander	1	*	*	*	*	*	*
Other	25	17	68.0	(48.4 - 82.8)	*	*	*
White	477	448	93.9	(91.4 - 95.7)	361	75.7	(71.6 - 79.3)
Hispanic	322	297	92.2	(88.8 - 94.7)	205	63.7	(58.3 - 68.7)
Missing	20	*	*	*	*	*	*



## California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form Statewide and Maternal County of Residence by Race/Ethnicity: 2017

Data Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2017

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

All nonmilitary hospitals providing maternity services are required to complete the Newborn Screening Test Form [Version NBS-I(D) (12/08)].

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 three categories to describe 'all feeding since birth':

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

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 and those receiving TPN at time of specimen collection.

Statewide approximately 1.7% of cases have missing feeding information and/or on 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: 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 unknown race/ethnicity are not shown, but are included in the totals.

Note 4: Maternal county of residence data are missing for 0.6% of cases.

Note 5: 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.