

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form
Statewide and Maternal County of Residence by Race/Ethnicity: 2001**

COUNTY INFANT RACE/ETHNICITY	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
CALIFORNIA	488,065	412,027	84.4	(84.3 - 84.5)	209,826	43.0	(42.9 - 43.1)
African American	26,801	18,547	69.2	(68.6 - 69.8)	8,482	31.6	(31.1 - 32.2)
American Indian	510	406	79.6	(75.9 - 82.9)	279	54.7	(50.4 - 59.0)
Asian	38,243	31,338	81.9	(81.6 - 82.3)	15,399	40.3	(39.8 - 40.8)
Multiple Race	20,760	18,292	88.1	(87.7 - 88.5)	12,373	59.6	(58.9 - 60.3)
Pacific Islander	791	551	69.7	(66.4 - 72.8)	232	29.3	(26.3 - 32.6)
Other	7,882	6,125	77.7	(76.8 - 78.6)	3,386	43.0	(41.9 - 44.1)
White	141,272	125,359	88.7	(88.6 - 88.9)	92,353	65.4	(65.1 - 65.6)
Hispanic	247,763	208,058	84.0	(83.8 - 84.1)	75,522	30.5	(30.3 - 30.7)
Missing	4,043						
ALAMEDA	20,591	18,614	90.4	(90.0 - 90.8)	14,854	72.1	(71.5 - 72.7)
African American	2,719	2,092	76.9	(75.3 - 78.5)	1,536	56.5	(54.6 - 58.3)
American Indian	28	26	92.9	(77.3 - 98.0)	19	*	*
Asian	3,696	3,360	90.9	(89.9 - 91.8)	2,408	65.2	(63.6 - 66.7)
Multiple Race	1,480	1,378	93.1	(91.7 - 94.3)	1,156	78.1	(75.9 - 80.1)
Pacific Islander	55	46	83.6	(71.7 - 91.1)	29	52.7	(39.8 - 65.3)
Other	602	551	91.5	(89.0 - 93.5)	448	74.4	(70.8 - 77.7)
White	5,366	5,024	93.6	(92.9 - 94.2)	4,319	80.5	(79.4 - 81.5)
Hispanic	6,368	5,900	92.7	(92.0 - 93.3)	4,764	74.8	(73.7 - 75.9)
Missing	277						
ALPINE	8	8	*	*	*	*	*
African American	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	*	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	5	5	*	*	*	*	*
Hispanic	2	*	*	*	*	*	*
Missing	*						
AMADOR	245	212	86.5	(81.7 - 90.2)	149	60.8	(54.6 - 66.7)
African American	1	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	20	20	100.0	(83.9 - 100.0)	15	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	177	154	87.0	(81.3 - 91.2)	109	61.6	(54.2 - 68.4)
Hispanic	35	29	82.9	(67.3 - 91.9)	19	*	*
Missing	10						
BUTTE	2,175	1,890	86.9	(85.4 - 88.2)	1,510	69.4	(67.5 - 71.3)
African American	25	19	*	*	8	*	*
American Indian	5	*	*	*	*	*	*
Asian	62	17	*	*	7	*	*
Multiple Race	95	88	92.6	(85.6 - 96.4)	72	75.8	(66.3 - 83.3)
Pacific Islander	*	*	*	*	*	*	*
Other	38	19	*	*	9	*	*
White	1,451	1,306	90.0	(88.4 - 91.4)	1,095	75.5	(73.2 - 77.6)
Hispanic	466	408	87.6	(84.2 - 90.2)	290	62.2	(57.7 - 66.5)
Missing	33						
CALAVERAS	291	257	88.3	(84.1 - 91.5)	149	51.2	(45.5 - 56.9)
African American	1	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	15	11	*	*	5	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	5	*	*	*	*	*	*
White	218	194	89.0	(84.1 - 92.5)	122	56.0	(49.3 - 62.4)
Hispanic	44	41	93.2	(81.8 - 97.7)	18	*	*
Missing	7						
COLUSA	332	282	84.9	(80.7 - 88.4)	94	28.3	(23.7 - 33.4)
African American	*	*	*	*	*	*	*
American Indian	3	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	5	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	95	79	83.2	(74.4 - 89.4)	54	56.8	(46.8 - 66.3)
Hispanic	219	189	86.3	(81.1 - 90.2)	35	16.0	(11.7 - 21.4)
Missing	9						

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		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
CONTRA COSTA	12,439	11,204	90.1	(89.5 - 90.6)	8,649	69.5	(68.7 - 70.3)
African American	1,078	795	73.7	(71.0 - 76.3)	574	53.2	(50.3 - 56.2)
American Indian	5	*	*	*	*	*	*
Asian	925	846	91.5	(89.5 - 93.1)	587	63.5	(60.3 - 66.5)
Multiple Race	941	868	92.2	(90.4 - 93.8)	688	73.1	(70.2 - 75.8)
Pacific Islander	21	14	*	*	12	*	*
Other	233	218	93.6	(89.7 - 96.1)	165	70.8	(64.7 - 76.3)
White	5,266	4,819	91.5	(90.7 - 92.2)	3,941	74.8	(73.6 - 76.0)
Hispanic	3,872	3,551	91.7	(90.8 - 92.5)	2,613	67.5	(66.0 - 68.9)
Missing	98						
DEL NORTE	239	213	89.1	(84.5 - 92.5)	175	73.2	(67.3 - 78.4)
African American	*	*	*	*	*	*	*
American Indian	10	10	*	*	10	*	*
Asian	4	*	*	*	*	*	*
Multiple Race	37	34	91.9	(78.7 - 97.2)	28	75.7	(59.9 - 86.6)
Pacific Islander	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	132	117	88.6	(82.1 - 93.0)	101	76.5	(68.6 - 82.9)
Hispanic	54	49	90.7	(80.1 - 96.0)	34	63.0	(50.0 - 74.6)
Missing	*						
EL DORADO	1,567	1,428	91.1	(90.0 - 92.4)	1,095	69.9	(68.0 - 72.1)
African American	8	8	*	*	7	*	*
American Indian	3	*	*	*	*	*	*
Asian	22	19	*	*	10	*	*
Multiple Race	116	109	94.0	(88.1 - 97.0)	87	75.0	(66.4 - 82.0)
Pacific Islander	*	*	*	*	*	*	*
Other	8	7	*	*	5	*	*
White	1,053	952	90.4	(88.5 - 92.0)	815	77.4	(75.8 - 79.8)
Hispanic	350	325	92.9	(90.0 - 95.1)	167	47.7	(42.5 - 52.9)
Missing	7						
FRESNO	13,423	11,233	83.7	(83.1 - 84.3)	4,356	32.5	(32.1 - 33.2)
African American	655	513	78.3	(75.0 - 81.3)	126	19.2	(16.4 - 22.4)
American Indian	17	15	*	*	6	*	*
Asian	348	252	72.4	(67.5 - 76.8)	93	26.7	(22.3 - 31.6)
Multiple Race	266	228	85.7	(81.1 - 89.4)	134	50.4	(44.4 - 56.3)
Pacific Islander	4	*	*	*	*	*	*
Other	663	330	49.8	(46.0 - 53.6)	97	14.6	(12.1 - 17.5)
White	3,135	2,741	87.4	(86.2 - 88.5)	1,778	56.7	(55.1 - 58.4)
Hispanic	8,210	7,043	85.8	(85.0 - 86.5)	2,061	25.1	(24.2 - 26.1)
Missing	125						
GLENN	382	336	88.0	(84.3 - 90.8)	228	59.7	(55.1 - 64.5)
African American	1	*	*	*	*	*	*
American Indian	3	*	*	*	*	*	*
Asian	9	6	*	*	*	*	*
Multiple Race	13	12	*	*	10	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	7	5	*	*	*	*	*
White	164	148	90.2	(85.0 - 93.9)	118	72.0	(64.6 - 78.3)
Hispanic	183	160	87.4	(81.8 - 91.5)	94	51.4	(44.2 - 58.5)
Missing	2						
HUMBOLDT	1,363	1,255	92.1	(90.5 - 93.4)	1,035	75.9	(74.1 - 78.1)
African American	8	6	*	*	*	*	*
American Indian	68	58	85.3	(75.0 - 91.8)	44	64.7	(52.8 - 75.0)
Asian	13	11	*	*	8	*	*
Multiple Race	152	134	88.2	(82.1 - 92.4)	115	75.7	(68.3 - 81.8)
Pacific Islander	*	*	*	*	*	*	*
Other	14	9	*	*	6	*	*
White	866	808	93.3	(91.4 - 94.8)	692	79.9	(77.1 - 82.4)
Hispanic	236	223	94.5	(91.0 - 96.8)	162	68.6	(62.5 - 74.2)
Missing	6						
IMPERIAL	2,404	1,920	79.9	(78.2 - 81.4)	456	19.0	(17.5 - 20.6)
African American	22	12	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	13	9	*	*	*	*	*
Multiple Race	17	14	*	*	6	*	*
Pacific Islander	1	*	*	*	*	*	*
Other	3	*	*	*	*	*	*
White	249	215	86.3	(81.5 - 90.1)	102	41.0	(35.0 - 47.2)
Hispanic	2,090	1,659	79.4	(77.6 - 81.1)	339	16.2	(14.7 - 17.9)
Missing	9						

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		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
INYO	182	160	87.9	(82.4 - 91.9)	125	68.7	(61.6 - 75.0)
African American	*	*	*	*	*	*	*
American Indian	16	12	*	*	9	*	*
Asian	3	*	*	*	*	*	*
Multiple Race	17	16	*	*	11	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	71	66	93.0	(84.6 - 97.0)	56	78.9	(68.0 - 86.8)
Hispanic	74	62	83.8	(73.8 - 90.5)	45	60.8	(49.4 - 71.1)
Missing	*						
KERN	10,898	8,630	79.2	(78.4 - 79.9)	3,165	29.0	(28.2 - 29.9)
African American	587	354	60.3	(56.3 - 64.2)	86	14.7	(12.0 - 17.7)
American Indian	3	*	*	*	*	*	*
Asian	209	165	78.9	(72.9 - 83.9)	33	15.8	(11.5 - 21.3)
Multiple Race	188	144	76.6	(70.0 - 82.1)	87	46.3	(39.3 - 53.4)
Pacific Islander	2	*	*	*	*	*	*
Other	51	43	84.3	(72.0 - 91.8)	17	*	*
White	3,652	2,925	80.1	(78.8 - 81.4)	1,694	46.4	(44.8 - 48.0)
Hispanic	6,129	4,938	80.6	(79.6 - 81.5)	1,218	19.9	(18.9 - 20.9)
Missing	77						
KINGS	1,716	1,279	74.5	(72.4 - 76.5)	458	26.7	(24.7 - 28.8)
African American	65	36	55.4	(43.3 - 66.8)	12	*	*
American Indian	10	6	*	*	*	*	*
Asian	19	15	*	*	*	*	*
Multiple Race	35	28	80.0	(64.1 - 90.0)	15	*	*
Pacific Islander	1	*	*	*	*	*	*
Other	16	12	*	*	6	*	*
White	466	380	81.5	(77.8 - 84.8)	210	45.1	(40.6 - 49.6)
Hispanic	1,069	775	72.5	(69.7 - 75.1)	201	18.8	(16.6 - 21.3)
Missing	35						
LAKE	575	495	86.1	(83.0 - 88.7)	329	57.2	(53.1 - 61.2)
African American	10	8	*	*	5	*	*
American Indian	16	8	*	*	*	*	*
Asian	3	*	*	*	*	*	*
Multiple Race	34	27	79.4	(63.2 - 89.7)	16	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	347	307	88.5	(84.7 - 91.4)	222	64.0	(58.8 - 68.8)
Hispanic	160	137	85.6	(79.4 - 90.2)	79	49.4	(41.7 - 57.0)
Missing	4						
LASSEN	212	188	88.7	(83.7 - 92.3)	129	60.8	(54.1 - 67.2)
African American	4	*	*	*	*	*	*
American Indian	3	*	*	*	*	*	*
Asian	4	*	*	*	*	*	*
Multiple Race	7	7	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	5	5	*	*	*	*	*
White	161	143	88.8	(83.0 - 92.8)	107	66.5	(58.9 - 73.3)
Hispanic	28	26	92.9	(77.4 - 98.0)	15	*	*
Missing	*						
LOS ANGELES	144,909	116,160	80.2	(80.0 - 90.4)	37,675	26.0	(25.8 - 26.2)
African American	11,357	7,341	64.6	(63.8 - 65.5)	2,359	20.8	(20.0 - 21.5)
American Indian	35	27	77.1	(61.0 - 87.9)	15	*	*
Asian	10,740	8,144	75.8	(75.0 - 76.6)	2,441	22.7	(21.9 - 23.5)
Multiple Race	4,390	3,762	85.7	(84.6 - 86.7)	2,084	47.5	(46.0 - 49.0)
Pacific Islander	266	166	62.4	(56.4 - 68.0)	32	12.0	(8.7 - 16.5)
Other	1,855	1,534	82.7	(80.9 - 84.3)	625	33.7	(31.6 - 35.9)
White	23,702	20,725	87.4	(87.0 - 87.9)	13,764	58.1	(57.4 - 58.7)
Hispanic	91,657	73,733	80.4	(80.2 - 80.7)	16,108	17.6	(17.3 - 17.8)
Missing	907						
MADERA	2,034	1,653	81.3	(79.5 - 82.9)	905	44.5	(42.3 - 46.7)
African American	44	14	*	*	10	*	*
American Indian	1	*	*	*	*	*	*
Asian	11	8	*	*	*	*	*
Multiple Race	28	24	85.7	(68.5 - 94.3)	17	*	*
Pacific Islander	2	*	*	*	*	*	*
Other	11	7	*	*	*	*	*
White	487	408	83.8	(80.2 - 86.8)	277	56.9	(52.4 - 61.2)
Hispanic	1,420	1,165	82.0	(80.0 - 84.0)	579	40.8	(38.2 - 43.4)
Missing	30						

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		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
MARIN	2,583	2,505	97.0	(96.2 - 97.6)	2,304	89.2	(87.9 - 90.3)
African American	30	26	86.7	(70.3 - 94.7)	18	*	*
American Indian	*	*	*	*	*	*	*
Asian	91	84	92.3	(85.0 - 96.2)	78	85.7	(77.1 - 91.5)
Multiple Race	185	180	97.3	(93.8 - 98.8)	166	89.7	(84.5 - 93.3)
Pacific Islander	1	*	*	*	*	*	*
Other	41	38	92.7	(80.6 - 97.5)	34	82.9	(68.7 - 91.5)
White	1,995	1,945	97.5	(96.7 - 98.1)	1,831	91.8	(90.5 - 92.9)
Hispanic	195	188	96.4	(92.8 - 98.3)	136	69.7	(63.0 - 75.8)
Missing	45						
MARIPOSA	146	121	82.9	(75.9 - 88.1)	74	50.7	(42.7 - 58.7)
African American	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*
Multiple Race	6	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	122	103	84.4	(77.0 - 89.8)	67	54.9	(46.1 - 63.5)
Hispanic	14	12	*	*	*	*	*
Missing	2						
MENDOCINO	994	889	89.4	(87.4 - 91.2)	648	65.2	(62.2 - 68.1)
African American	3	*	*	*	*	*	*
American Indian	38	24	63.2	(47.3 - 76.6)	15	*	*
Asian	6	5	*	*	*	*	*
Multiple Race	57	52	91.2	(81.1 - 96.2)	38	66.7	(53.7 - 77.5)
Pacific Islander	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	518	477	92.1	(89.4 - 94.1)	398	76.8	(73.0 - 80.3)
Hispanic	368	327	88.9	(85.2 - 91.7)	193	52.4	(47.3 - 57.5)
Missing	2						
MERCED	3,552	2,890	81.4	(80.0 - 82.6)	939	26.4	(25.0 - 27.9)
African American	97	66	68.0	(58.2 - 76.5)	18	*	*
American Indian	*	*	*	*	*	*	*
Asian	78	38	48.7	(37.9 - 59.6)	5	*	*
Multiple Race	95	77	81.1	(72.0 - 87.7)	43	45.3	(35.6 - 55.3)
Pacific Islander	*	*	*	*	*	*	*
Other	140	64	45.7	(37.7 - 54.0)	16	*	*
White	943	787	83.5	(81.0 - 85.7)	426	45.2	(42.0 - 48.4)
Hispanic	2,130	1,805	84.7	(83.2 - 86.2)	414	19.4	(17.8 - 21.2)
Missing	69						
MODOC	39	37	94.9	(83.1 - 98.6)	32	82.1	(67.3 - 91.0)
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	*	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	31	29	93.5	(79.3 - 98.2)	24	77.4	(60.2 - 88.6)
Hispanic	4	*	*	*	*	*	*
Missing	2						
MONO	159	140	88.1	(82.1 - 92.2)	97	61.0	(53.3 - 68.2)
African American	1	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	2	*	*	*	*	*	*
Multiple Race	7	7	*	*	6	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	70	62	88.6	(79.0 - 94.1)	43	61.4	(49.7 - 72.0)
Hispanic	75	66	88.0	(78.7 - 93.6)	45	60.0	(48.7 - 70.3)
Missing	3						
MONTEREY	6,504	6,055	93.1	(92.5 - 93.7)	3,296	50.7	(49.5 - 51.9)
African American	98	82	83.7	(75.1 - 89.7)	51	52.0	(42.3 - 61.7)
American Indian	1	*	*	*	*	*	*
Asian	144	134	93.1	(87.7 - 96.2)	89	61.8	(53.7 - 69.3)
Multiple Race	226	210	92.9	(88.8 - 95.6)	178	78.8	(73.0 - 83.6)
Pacific Islander	8	8	*	*	5	*	*
Other	25	22	88.0	(70.0 - 95.8)	13	*	*
White	1,336	1,231	92.1	(90.6 - 93.5)	1,042	78.0	(75.7 - 80.1)
Hispanic	4,626	4,331	93.6	(92.9 - 94.3)	1,891	40.9	(39.5 - 42.3)
Missing	40						

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		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
NAPA	1,440	1,341	93.1	(91.7 - 94.3)	1,053	73.1	(70.8 - 75.4)
African American	7	7	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	24	22	91.7	(74.2 - 97.7)	13	*	*
Multiple Race	72	64	88.9	(79.6 - 94.3)	52	72.2	(61.0 - 81.2)
Pacific Islander	*	*	*	*	*	*	*
Other	5	5	*	*	5	*	*
White	627	581	92.7	(90.4 - 94.5)	487	77.7	(74.2 - 80.8)
Hispanic	683	640	93.7	(91.6 - 95.3)	476	69.7	(66.1 - 73.0)
Missing	21						
NEVADA	704	644	91.5	(89.2 - 93.3)	562	79.8	(76.7 - 82.6)
African American	*	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	3	*	*	*	*	*	*
Multiple Race	29	29	100.0	(88.3 - 100.0)	26	89.7	(73.6 - 96.4)
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	545	500	91.7	(89.1 - 93.8)	456	83.7	(80.3 - 86.5)
Hispanic	107	97	90.7	(83.6 - 94.8)	66	61.7	(52.2 - 70.3)
Missing	19						
ORANGE	43,258	37,050	85.6	(85.3 - 86.0)	13,369	30.9	(30.5 - 31.3)
African American	399	314	78.7	(74.4 - 82.4)	111	27.8	(23.7 - 32.4)
American Indian	5	5	*	*	*	*	*
Asian	4,531	3,392	74.9	(73.6 - 76.1)	841	18.6	(17.5 - 19.7)
Multiple Race	1,869	1,662	88.9	(87.4 - 90.3)	886	47.4	(45.1 - 49.7)
Pacific Islander	79	44	55.7	(44.7 - 66.1)	7	*	*
Other	406	353	86.9	(83.3 - 89.9)	138	34.0	(29.6 - 38.7)
White	14,075	12,377	87.9	(87.4 - 88.5)	7,753	55.1	(54.3 - 55.9)
Hispanic	21,760	18,793	86.4	(85.9 - 86.8)	3,588	16.5	(16.0 - 17.0)
Missing	134						
PLACER	2,515	2,320	92.2	(91.1 - 93.2)	1,828	72.7	(70.9 - 74.4)
African American	15	11	*	*	8	*	*
American Indian	1	*	*	*	*	*	*
Asian	67	62	92.5	(83.7 - 96.8)	40	59.7	(47.7 - 70.6)
Multiple Race	157	149	94.9	(90.3 - 97.4)	115	73.2	(65.8 - 79.6)
Pacific Islander	*	*	*	*	*	*	*
Other	20	18	*	*	13	*	*
White	1,783	1,643	92.1	(90.8 - 93.3)	1,343	75.3	(73.3 - 77.3)
Hispanic	436	404	92.7	(89.8 - 94.8)	284	65.1	(60.6 - 69.5)
Missing	36						
PLUMAS	132	120	90.9	(84.8 - 94.7)	106	80.3	(72.7 - 86.2)
African American	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	2	*	*	*	*	*	*
Multiple Race	6	5	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	100	91	91.0	(83.8 - 95.2)	82	82.0	(73.3 - 88.3)
Hispanic	16	15	*	*	13	*	*
Missing	7						
RIVERSIDE	23,051	18,279	79.3	(78.8 - 79.8)	9,404	40.8	(40.2 - 41.4)
African American	1,146	775	67.6	(64.9 - 70.3)	342	29.8	(27.3 - 32.6)
American Indian	33	21	63.6	(46.6 - 77.8)	14	*	*
Asian	400	312	78.0	(73.7 - 81.8)	113	28.3	(24.1 - 32.9)
Multiple Race	723	585	80.9	(77.9 - 83.6)	324	44.8	(41.2 - 48.5)
Pacific Islander	18	11	*	*	*	*	*
Other	176	144	81.8	(75.5 - 86.8)	72	40.9	(33.9 - 48.3)
White	7,197	5,968	82.9	(82.0 - 83.8)	4,036	56.1	(54.9 - 57.2)
Hispanic	13,116	10,280	78.4	(77.7 - 79.1)	4,398	33.5	(32.7 - 34.3)
Missing	242						
SACRAMENTO	17,151	14,052	81.9	(81.3 - 82.5)	9,560	55.7	(55.0 - 56.5)
African American	1,749	1,283	73.4	(71.2 - 75.4)	817	46.7	(44.4 - 49.1)
American Indian	33	25	75.8	(59.0 - 87.2)	20	60.6	(43.7 - 75.3)
Asian	1,242	908	73.1	(70.6 - 75.5)	539	43.4	(40.7 - 46.2)
Multiple Race	1,263	1,057	83.7	(81.6 - 85.6)	680	53.8	(51.1 - 56.6)
Pacific Islander	30	20	66.7	(48.8 - 80.8)	8	*	*
Other	892	491	55.0	(51.8 - 58.3)	300	33.6	(30.6 - 36.8)
White	7,421	6,517	87.8	(87.1 - 88.5)	4,894	65.9	(64.9 - 67.0)
Hispanic	4,316	3,602	83.5	(82.3 - 84.5)	2,203	51.0	(49.6 - 52.5)
Missing	205						

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COUNTY INFANT RACE/ETHNICITY	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
SAN BENITO	868	775	89.3	(87.1 - 91.2)	280	32.3	(29.2 - 35.4)
African American	3	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	11	11	*	*	*	*	*
Multiple Race	26	24	92.3	(75.9 - 97.9)	11	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	5	*	*	*	*	*	*
White	240	219	91.3	(87.0 - 94.2)	127	52.9	(46.6 - 59.1)
Hispanic	565	499	88.3	(85.4 - 90.7)	130	23.0	(19.7 - 26.7)
Missing	18						
SAN BERNARDINO	26,206	19,936	76.1	(75.6 - 76.6)	8,319	31.7	(31.2 - 32.3)
African American	2,187	1,389	63.5	(61.5 - 65.5)	508	23.2	(21.5 - 25.0)
American Indian	21	16	*	*	11	*	*
Asian	726	555	76.4	(73.2 - 79.4)	176	24.2	(21.3 - 27.5)
Multiple Race	773	595	77.0	(73.9 - 79.8)	280	36.2	(32.9 - 39.7)
Pacific Islander	36	23	63.9	(47.6 - 77.5)	8	*	*
Other	244	198	81.1	(75.8 - 85.6)	74	30.3	(24.9 - 36.4)
White	7,233	5,733	79.3	(78.3 - 80.2)	3,309	45.7	(44.6 - 46.9)
Hispanic	14,764	11,269	76.3	(75.6 - 77.0)	3,886	26.3	(25.6 - 27.0)
Missing	222						
SAN DIEGO	37,121	33,344	89.8	(89.5 - 90.1)	22,431	60.4	(59.9 - 60.9)
African American	1,405	1,081	76.9	(74.7 - 79.1)	606	43.1	(40.6 - 45.7)
American Indian	31	29	93.5	(79.3 - 98.2)	22	71.0	(53.4 - 83.9)
Asian	2,260	1,879	83.1	(81.5 - 84.6)	1,135	50.2	(48.2 - 52.3)
Multiple Race	2,054	1,846	89.9	(88.5 - 91.1)	1,307	63.6	(61.5 - 65.7)
Pacific Islander	79	60	75.9	(65.5 - 84.0)	39	49.4	(38.6 - 60.2)
Other	454	396	87.2	(83.8 - 90.0)	236	52.0	(47.4 - 56.5)
White	12,458	11,420	91.7	(91.2 - 92.1)	9,205	73.9	(73.1 - 74.7)
Hispanic	18,135	16,417	90.5	(90.1 - 90.9)	9,742	53.7	(53.0 - 54.4)
Missing	245						
SAN FRANCISCO	7,721	7,039	91.2	(90.5 - 91.8)	5,318	68.9	(67.8 - 69.9)
African American	586	420	71.7	(67.9 - 75.2)	226	38.6	(34.7 - 42.6)
American Indian	5	5	*	*	*	*	*
Asian	1,829	1,541	84.3	(82.5 - 85.9)	1,005	54.9	(52.7 - 57.2)
Multiple Race	663	622	93.8	(91.7 - 95.4)	545	82.2	(79.1 - 84.9)
Pacific Islander	55	41	74.5	(61.7 - 84.2)	17	*	*
Other	172	158	91.9	(86.8 - 95.1)	125	72.7	(65.6 - 78.8)
White	2,477	2,404	97.1	(96.3 - 97.6)	2,232	90.1	(88.9 - 91.2)
Hispanic	1,898	1,813	95.5	(94.5 - 96.4)	1,137	59.9	(57.7 - 62.1)
Missing	36						
SAN JOAQUIN	8,677	6,954	80.1	(79.3 - 81.0)	3,217	37.1	(36.1 - 38.1)
African American	617	433	70.2	(66.5 - 73.7)	180	29.2	(25.7 - 32.9)
American Indian	11	10	*	*	5	*	*
Asian	702	501	71.4	(67.9 - 74.6)	191	27.2	(24.0 - 30.6)
Multiple Race	341	268	78.6	(73.9 - 82.6)	153	44.9	(39.7 - 50.2)
Pacific Islander	7	5	*	*	*	*	*
Other	265	149	56.2	(50.2 - 62.1)	54	20.4	(16.0 - 25.6)
White	2,616	2,171	83.0	(81.5 - 84.4)	1,410	53.9	(52.0 - 55.8)
Hispanic	3,857	3,185	82.6	(81.3 - 83.7)	1,161	30.1	(28.7 - 31.6)
Missing	261						
SAN LUIS OBISPO	2,318	2,163	93.3	(92.2 - 94.3)	1,880	81.1	(79.5 - 82.6)
African American	14	11	*	*	8	*	*
American Indian	*	*	*	*	*	*	*
Asian	42	38	90.5	(77.9 - 96.2)	33	78.6	(64.1 - 88.3)
Multiple Race	109	98	89.9	(82.8 - 94.3)	85	78.0	(69.3 - 84.7)
Pacific Islander	*	*	*	*	*	*	*
Other	4	*	*	*	*	*	*
White	1,347	1,268	94.1	(92.8 - 95.3)	1,154	85.7	(83.7 - 87.4)
Hispanic	787	732	93.0	(91.0 - 94.6)	587	74.6	(71.4 - 77.5)
Missing	15						
SAN MATEO	9,720	9,193	94.6	(94.1 - 95.0)	7,612	78.3	(77.5 - 79.1)
African American	179	145	81.0	(74.6 - 86.1)	104	58.1	(50.8 - 65.1)
American Indian	6	5	*	*	5	*	*
Asian	1,680	1,584	94.3	(93.1 - 95.3)	1,261	75.1	(72.9 - 77.1)
Multiple Race	661	615	93.0	(90.8 - 94.7)	502	75.9	(72.5 - 79.0)
Pacific Islander	52	45	86.5	(74.7 - 93.3)	32	61.5	(48.0 - 73.5)
Other	375	349	93.1	(90.0 - 95.2)	285	76.0	(71.4 - 80.0)
White	3,717	3,562	95.8	(95.1 - 96.4)	3,184	85.7	(84.5 - 86.8)
Hispanic	2,948	2,795	94.8	(93.9 - 95.6)	2,164	73.4	(71.8 - 75.0)
Missing	102						

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COUNTY INFANT RACE/ETHNICITY	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
SANTA BARBARA	5,315	4,881	91.8	(91.1 - 92.5)	3,736	70.3	(69.0 - 71.5)
African American	41	31	75.6	(60.7 - 86.2)	22	53.7	(38.7 - 67.9)
American Indian	1	*	*	*	*	*	*
Asian	76	68	89.5	(80.6 - 94.6)	53	69.7	(58.7 - 78.9)
Multiple Race	130	118	90.8	(84.6 - 94.6)	103	79.2	(71.5 - 85.3)
Pacific Islander	3	*	*	*	*	*	*
Other	23	16	*	*	13	*	*
White	1,935	1,813	93.7	(92.5 - 94.7)	1,581	81.7	(79.9 - 83.4)
Hispanic	3,063	2,795	91.3	(90.2 - 92.2)	1,932	63.1	(61.4 - 64.8)
Missing	43						
SANTA CLARA	25,698	23,762	92.5	(92.1 - 92.8)	13,547	52.7	(52.1 - 53.3)
African American	434	379	87.3	(83.9 - 90.1)	182	41.9	(37.4 - 46.6)
American Indian	14	13	*	*	8	*	*
Asian	6,665	6,039	90.6	(89.9 - 91.3)	3,523	52.9	(51.7 - 54.1)
Multiple Race	1,564	1,475	94.3	(93.0 - 95.4)	1,161	74.2	(72.0 - 76.3)
Pacific Islander	38	32	84.2	(69.6 - 92.6)	14	*	*
Other	633	593	93.7	(91.5 - 95.3)	410	64.8	(61.0 - 68.4)
White	6,574	6,232	94.8	(94.2 - 95.3)	4,925	74.9	(73.9 - 75.9)
Hispanic	9,525	8,763	92.0	(91.4 - 92.5)	3,166	33.2	(32.3 - 34.2)
Missing	251						
SANTA CRUZ	3,514	3,366	95.8	(95.1 - 96.4)	2,284	65.0	(63.4 - 66.6)
African American	9	9	*	*	8	*	*
American Indian	2	*	*	*	*	*	*
Asian	45	45	100.0	(92.1 - 100.0)	26	57.8	(43.3 - 71.0)
Multiple Race	146	145	99.3	(96.2 - 99.9)	119	81.5	(74.4 - 87.0)
Pacific Islander	*	*	*	*	*	*	*
Other	6	6	*	*	*	*	*
White	1,326	1,283	96.8	(95.7 - 97.6)	1,042	78.6	(76.3 - 80.7)
Hispanic	1,947	1,848	94.9	(93.8 - 95.8)	1,067	54.8	(52.6 - 57.0)
Missing	33						
SHASTA	1,798	1,646	91.5	(90.2 - 92.7)	1,508	83.9	(82.1 - 85.5)
African American	26	21	80.8	(62.1 - 91.5)	16	*	*
American Indian	28	26	92.9	(77.4 - 98.0)	23	82.1	(64.4 - 92.1)
Asian	38	25	65.8	(49.9 - 78.8)	16	*	*
Multiple Race	29	27	93.1	(78.0 - 98.1)	22	75.9	(57.9 - 87.8)
Pacific Islander	1	*	*	*	*	*	*
Other	12	8	*	*	7	*	*
White	1,523	1,406	92.3	(90.9 - 93.6)	1,315	86.3	(84.5 - 88.0)
Hispanic	134	125	93.3	(87.7 - 96.4)	102	76.1	(68.2 - 82.5)
Missing	7						
SIERRA	10	9	*	*	9	*	*
African American	*	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	*	*	*	*	*	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	*	*	*	*	*	*	*
White	9	8	*	*	8	*	*
Hispanic	1	*	*	*	*	*	*
Missing	*						
SISKIYOU	273	247	90.5	(86.4 - 93.4)	185	67.8	(62.0 - 73.0)
African American	1	*	*	*	*	*	*
American Indian	9	6	*	*	*	*	*
Asian	1	*	*	*	*	*	*
Multiple Race	31	28	90.3	(75.1 - 96.7)	17	*	*
Pacific Islander	1	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	174	163	93.7	(89.0 - 96.4)	129	74.1	(67.2 - 80.1)
Hispanic	45	39	86.7	(73.8 - 93.7)	26	57.8	(43.3 - 71.0)
Missing	10						
SOLANO	5,497	4,702	85.5	(84.6 - 86.4)	3,340	60.8	(59.5 - 62.0)
African American	712	520	73.0	(69.7 - 76.2)	320	44.9	(41.3 - 48.6)
American Indian	4	*	*	*	*	*	*
Asian	521	448	86.0	(82.7 - 88.7)	270	51.8	(47.5 - 56.1)
Multiple Race	512	430	84.0	(80.6 - 86.9)	312	60.9	(56.6 - 65.1)
Pacific Islander	16	14	*	*	10	*	*
Other	45	39	86.7	(73.8 - 93.7)	25	55.6	(41.2 - 69.1)
White	1,971	1,729	87.7	(86.2 - 89.1)	1,393	70.7	(68.6 - 72.6)
Hispanic	1,674	1,483	88.6	(87.0 - 90.0)	988	59.0	(56.6 - 61.4)
Missing	42						

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COUNTY INFANT RACE/ETHNICITY	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
SONOMA	5,210	4,894	93.9	(93.3 - 94.6)	3,771	72.4	(71.1 - 73.6)
African American	39	36	92.3	(79.7 - 97.3)	25	64.1	(48.4 - 77.3)
American Indian	8	7	*	*	7	*	*
Asian	155	135	87.1	(80.9 - 91.5)	79	51.0	(43.2 - 58.7)
Multiple Race	258	240	93.0	(89.2 - 95.5)	192	74.4	(68.8 - 79.4)
Pacific Islander	4	*	*	*	*	*	*
Other	33	29	87.9	(72.7 - 95.2)	18	*	*
White	2,639	2,472	93.7	(92.7 - 94.5)	2,033	77.0	(75.4 - 78.6)
Hispanic	2,033	1,936	95.2	(94.2 - 96.1)	1,385	68.1	(66.1 - 70.1)
Missing	41						
STANISLAUS	7,052	5,800	82.2	(81.3 - 83.1)	3,464	49.1	(48.0 - 50.3)
African American	160	109	68.1	(60.6 - 74.8)	71	44.4	(36.9 - 52.1)
American Indian	*	*	*	*	*	*	*
Asian	199	136	68.3	(61.6 - 74.4)	64	32.2	(26.1 - 38.9)
Multiple Race	205	173	84.4	(78.8 - 88.7)	118	57.6	(50.7 - 64.1)
Pacific Islander	7	*	*	*	*	*	*
Other	179	144	80.4	(74.0 - 85.6)	74	41.3	(34.4 - 48.7)
White	2,719	2,246	82.6	(81.1 - 84.0)	1,674	61.6	(59.7 - 63.4)
Hispanic	3,548	2,963	83.5	(82.3 - 84.7)	1,442	40.6	(39.0 - 42.3)
Missing	35						
SUTTER	1,095	916	83.7	(81.3 - 85.7)	512	46.8	(43.8 - 49.7)
African American	14	9	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	93	70	75.3	(65.6 - 82.9)	23	24.7	(17.1 - 34.4)
Multiple Race	41	33	80.5	(66.0 - 89.8)	13	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	25	21	84.0	(65.3 - 93.6)	6	*	*
White	505	427	84.6	(81.1 - 87.4)	303	60.0	(55.7 - 64.2)
Hispanic	403	344	85.4	(81.6 - 88.5)	154	38.2	(33.6 - 43.0)
Missing	13						
TEHAMA	590	509	86.3	(83.3 - 88.8)	396	67.1	(63.2 - 70.8)
African American	1	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	18	17	*	*	11	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	3	*	*	*	*	*	*
White	353	301	85.3	(81.2 - 88.6)	264	74.8	(70.0 - 79.0)
Hispanic	207	183	88.4	(83.3 - 92.1)	118	57.0	(50.2 - 63.6)
Missing	7						
TRINITY	104	92	88.5	(80.9 - 93.3)	81	77.9	(69.0 - 84.8)
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	10	8	*	*	7	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*
White	76	68	89.5	(80.6 - 94.6)	60	78.9	(68.5 - 86.6)
Hispanic	12	12	*	*	10	*	*
Missing	3						
TULARE	6,780	5,395	79.6	(78.6 - 80.5)	1,657	24.4	(23.4 - 25.5)
African American	62	44	71.0	(58.7 - 80.8)	14	*	*
American Indian	12	10	*	*	*	*	*
Asian	93	58	62.4	(52.2 - 71.5)	12	*	*
Multiple Race	93	69	74.2	(64.5 - 82.0)	30	32.3	(23.6 - 42.3)
Pacific Islander	1	*	*	*	*	*	*
Other	37	20	54.1	(38.4 - 69.0)	7	*	*
White	1,803	1,456	80.8	(78.9 - 82.5)	740	41.0	(38.8 - 43.3)
Hispanic	4,585	3,669	80.0	(78.8 - 81.2)	826	18.0	(16.9 - 19.2)
Missing	94						
TUOLUMNE	425	378	88.9	(85.6 - 91.6)	247	58.1	(53.4 - 62.7)
African American	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*
Multiple Race	24	19	*	*	12	*	*
Pacific Islander	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*
White	309	279	90.3	(86.5 - 93.1)	196	63.4	(57.9 - 68.6)
Hispanic	81	73	90.1	(81.7 - 94.9)	36	44.4	(34.1 - 55.3)
Missing	7						

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form
Statewide and Maternal County of Residence by Race/Ethnicity: 2001**

COUNTY INFANT RACE/ETHNICITY	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
VENTURA	10,754	9,487	88.2	(87.6 - 88.8)	5,321	49.5	(48.5 - 50.4)
African American	116	87	75.0	(66.4 - 82.0)	59	50.9	(41.9 - 59.8)
American Indian	2	*	*	*	*	*	*
Asian	305	276	90.5	(86.7 - 93.3)	128	42.0	(36.6 - 47.6)
Multiple Race	377	330	87.5	(83.8 - 90.5)	204	54.1	(49.1 - 59.1)
Pacific Islander	2	*	*	*	*	*	*
Other	51	45	88.2	(76.6 - 94.5)	25	49.0	(35.9 - 82.3)
White	4,027	3,641	90.4	(89.5 - 91.3)	2,620	65.1	(63.6 - 66.5)
Hispanic	5,815	5,054	86.9	(86.0 - 87.8)	2,255	38.8	(37.5 - 40.0)
Missing	59						
YOLO	2,180	1,950	89.4	(88.1 - 90.7)	1,444	66.2	(64.2 - 68.2)
African American	36	28	77.8	(61.9 - 88.3)	13	*	*
American Indian	2	*	*	*	*	*	*
Asian	91	85	93.4	(86.4 - 96.9)	69	75.8	(66.1 - 83.5)
Multiple Race	103	95	92.2	(85.4 - 96.0)	75	72.8	(63.5 - 80.5)
Pacific Islander	1	*	*	*	*	*	*
Other	45	37	82.2	(68.7 - 90.7)	30	66.7	(52.1 - 78.6)
White	907	816	90.0	(87.8 - 91.8)	687	75.7	(72.8 - 78.4)
Hispanic	971	865	89.1	(87.0 - 90.9)	550	56.6	(53.5 - 59.7)
Missing	24						
YUBA	926	729	78.7	(76.0 - 81.2)	455	49.1	(45.9 - 52.4)
African American	29	21	72.4	(54.3 - 85.3)	12	*	*
American Indian	2	*	*	*	*	*	*
Asian	39	18	*	*	6	*	*
Multiple Race	41	30	73.2	(58.1 - 84.3)	24	58.5	(43.4 - 72.2)
Pacific Islander	*	*	*	*	*	*	*
Other	42	17	*	*	*	*	*
White	508	415	81.7	(78.1 - 84.8)	300	59.1	(54.7 - 63.2)
Hispanic	253	216	85.4	(80.5 - 89.2)	101	39.9	(34.1 - 46.1)
Missing	12						

Data Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2001

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

Note 1: All nonmilitary hospitals providing maternity services are required to complete the Newborn Screening Test Form.

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 one of the following five categories to describe 'all feedings since birth' (not including water feedings):

(1) Breast only; (2) Formula only; (3) Breast and Formula; (4) TPN/Hyperal and (5) Other.

Note 2: The numerator for "Exclusive Breastfeeding" includes records marked 'Breast Only'. The numerator for "Any Breastfeeding" includes records marked as either 'Breast Only' or 'Breast and Formula'. The denominator excludes cases with unknown method of feeding and cases marked as TPN/Hyperal or Other.

Statewide approximately 2.8% of cases have missing feeding information and 1.8% are coded as Other.

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.

Note 4: Maternal county of residence data are missing for 1.6% of cases.

Note 5: Data for cases with missing race/ethnicity are not shown, but are included in the totals.

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.