

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

*NBS FORM VERSION ( C ) Revised 6/2007*

*NBS FORM VERSION ( D ) Revised 12/2008*

	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			
	Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper	
<b>CALIFORNIA</b>	<b>119,791</b>	<b>104,897</b>	<b>87.6</b>	<b>(87.4 - 87.8)</b>	<b>63,676</b>	<b>53.2</b>	<b>(52.9 - 53.4)</b>	<b>334,042</b>	<b>299,329</b>	<b>89.6</b>	<b>(89.5 - 89.7)</b>	<b>173,695</b>	<b>52.0</b>	<b>(51.8 - 52.2)</b>
African American	4,903	3,556	72.5	(71.3 - 73.8)	2,048	41.8	(40.4 - 43.2)	18,010	14,208	78.9	(78.3 - 79.5)	7,795	43.3	(42.6 - 44.0)
American Indian	315	260	82.5	(78.0 - 86.3)	179	56.8	(51.3 - 62.2)	525	462	88.0	(84.9 - 90.5)	317	60.4	(56.1 - 64.5)
Asian	10,185	9,165	90.0	(89.4 - 90.6)	5,431	53.3	(52.4 - 54.3)	36,246	33,278	91.8	(91.5 - 92.1)	18,729	51.7	(51.2 - 52.2)
Multiple Race	4,145	3,705	89.4	(88.4 - 90.3)	2,707	65.3	(63.8 - 66.7)	11,757	10,672	90.8	(90.2 - 91.3)	7,470	63.5	(62.7 - 64.4)
Pacific Islander	182	139	76.4	(69.7 - 82.0)	85	46.7	(39.6 - 53.9)	592	481	81.3	(77.9 - 84.2)	267	45.1	(41.1 - 49.1)
Other	1,215	1,021	84.0	(81.9 - 86.0)	626	51.5	(48.7 - 54.3)	4,189	3,581	85.5	(84.4 - 86.5)	2,181	52.1	(50.6 - 53.6)
White	32,297	29,584	91.6	(91.3 - 91.9)	23,235	71.9	(71.4 - 72.4)	82,735	76,465	92.4	(92.2 - 92.6)	58,669	70.9	(70.6 - 71.2)
Hispanic	63,757	55,024	86.3	(86.0 - 86.6)	27,833	43.7	(43.3 - 44.0)	172,617	153,576	89.0	(88.8 - 89.1)	74,263	43.0	(42.8 - 43.3)
Missing	2,792	*	*	*	*	*	*	7,371	*	*	*	*	*	*
<b>ALAMEDA</b>	<b>4,575</b>	<b>4,340</b>	<b>94.9</b>	<b>(94.2 - 95.5)</b>	<b>3,535</b>	<b>77.3</b>	<b>(76.0 - 78.5)</b>	<b>12,576</b>	<b>12,008</b>	<b>95.5</b>	<b>(95.1 - 95.8)</b>	<b>10,045</b>	<b>79.9</b>	<b>(79.2 - 80.6)</b>
African American	338	291	86.1	(82.0 - 89.4)	228	67.5	(62.3 - 72.2)	1,526	1,364	89.4	(87.7 - 90.8)	1,129	74.0	(71.7 - 76.1)
American Indian	6	*	*	*	*	*	*	24	24	100.0	(86.2 - 100.0)	23	95.8	(79.8 - 99.3)
Asian	1,281	1,254	97.9	(97.0 - 98.5)	1,030	80.4	(78.1 - 82.5)	2,888	2,774	96.1	(95.3 - 96.7)	2,241	77.6	(76.0 - 79.1)
Multiple Race	224	214	95.5	(92.0 - 97.6)	165	73.7	(67.5 - 79.0)	691	673	97.4	(95.9 - 98.3)	566	81.9	(78.9 - 84.6)
Pacific Islander	21	18	85.7	(65.4 - 95.0)	12	57.1	(36.5 - 75.5)	41	37	90.2	(77.5 - 96.1)	30	73.2	(58.1 - 84.3)
Other	84	80	95.2	(88.4 - 98.1)	61	72.6	(62.3 - 81.0)	320	304	95.0	(92.0 - 96.9)	252	78.8	(73.9 - 82.9)
White	1,046	979	93.6	(91.9 - 94.9)	850	81.3	(78.8 - 83.5)	2,862	2,777	97.0	(96.3 - 97.6)	2,487	86.9	(85.6 - 88.1)
Hispanic	1,471	1,402	95.3	(94.1 - 96.3)	1,111	75.5	(73.3 - 77.7)	3,840	3,693	96.2	(95.5 - 96.7)	3,007	78.3	(77.0 - 79.6)
Missing	104	*	*	*	*	*	*	384	*	*	*	*	*	*
<b>ALPINE</b>	<b>4</b>	*	*	*	*	*	*	*	*	*	*	*	*	*
African American		*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian		*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race		*	*	*	*	*	*	*	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Hispanic	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Missing		*	*	*	*	*	*	*	*	*	*	*	*	*
<b>AMADOR</b>	<b>153</b>	<b>133</b>	<b>86.9</b>	<b>(80.7 - 91.4)</b>	<b>109</b>	<b>71.2</b>	<b>(63.6 - 77.8)</b>	<b>114</b>	<b>106</b>	<b>93.0</b>	<b>(86.8 - 96.4)</b>	<b>87</b>	<b>76.3</b>	<b>(67.7 - 83.2)</b>
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Multiple Race	5	*	*	*	*	*	*	6	*	*	*	*	*	*
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*	*	*	*	*	*	*	*
White	122	108	88.5	(81.7 - 93.0)	92	75.4	(67.1 - 82.2)	80	74	92.5	(84.6 - 96.5)	63	78.8	(68.6 - 86.3)
Hispanic	17	12	70.6	(46.9 - 86.7)	*	*	*	19	18	94.7	(75.4 - 99.1)	13	68.4	(46.0 - 84.6)
Missing	3	*	*	*	*	*	*	5	*	*	*	*	*	*
<b>BUTTE</b>	<b>1,279</b>	<b>1,113</b>	<b>87.0</b>	<b>(85.1 - 88.8)</b>	<b>946</b>	<b>74.0</b>	<b>(71.5 - 76.3)</b>	<b>922</b>	<b>832</b>	<b>90.2</b>	<b>(88.2 - 92.0)</b>	<b>713</b>	<b>77.3</b>	<b>(74.5 - 79.9)</b>
African American	19	15	78.9	(56.7 - 91.5)	12	63.2	(41.0 - 80.9)	8	*	*	*	*	*	*
American Indian	13	10	76.9	(49.7 - 91.8)	*	*	*	6	*	*	*	*	*	*
Asian	61	29	47.5	(35.5 - 59.8)	18	29.5	(19.6 - 41.9)	27	14	51.9	(34.0 - 69.3)	*	*	*
Multiple Race	73	60	82.2	(71.9 - 89.3)	55	75.3	(64.4 - 83.8)	54	50	92.6	(82.4 - 97.1)	42	77.8	(65.1 - 86.8)
Pacific Islander		*	*	*	*	*	*	2	*	*	*	*	*	*
Other	35	13	37.1	(23.2 - 53.7)	10	28.6	(16.3 - 45.1)	23	10	43.5	(25.6 - 63.2)	*	*	*
White	807	744	92.2	(90.1 - 93.9)	661	81.9	(79.1 - 84.4)	590	554	93.9	(91.7 - 95.6)	508	86.1	(83.1 - 88.7)
Hispanic	239	217	90.8	(86.5 - 93.8)	162	67.8	(61.6 - 73.4)	173	157	90.8	(85.5 - 94.2)	114	65.9	(58.6 - 72.5)
Missing	32	*	*	*	*	*	*	39	*	*	*	*	*	*

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	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>CALAVERAS</b>	189	166	87.8	(82.4 - 91.8)	116	61.4	(54.3 - 68.0)	94	87	92.6	(85.4 - 96.3)	66	70.2	(60.3 - 78.5)
African American	1	*	*	*	*	*	*	1	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	3	*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	11	10	90.9	(62.3 - 98.4)	*	*	*	3	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	145	127	87.6	(81.2 - 92.0)	91	62.8	(54.7 - 70.2)	72	66	91.7	(83.0 - 96.1)	51	70.8	(59.5 - 80.1)
Hispanic	20	17	85.0	(64.0 - 94.8)	11	55.0	(34.2 - 74.2)	15	14	93.3	(70.2 - 98.8)	*	*	*
Missing	8	*	*	*	*	*	*	3	*	*	*	*	*	*
<b>COLUSA</b>	180	133	73.9	(67.0 - 79.8)	60	33.3	(26.9 - 40.5)	134	116	86.6	(79.8 - 91.3)	57	42.5	(34.5 - 51.0)
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	2	*	*	*	*	*	*
Asian		*	*	*	*	*	*	4	*	*	*	*	*	*
Multiple Race	4	*	*	*	*	*	*	2	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	2	*	*	*	*	*	*
Other	1	*	*	*	*	*	*	2	*	*	*	*	*	*
White	27	23	85.2	(67.5 - 94.1)	15	55.6	(37.3 - 72.4)	31	28	90.3	(75.1 - 96.7)	24	77.4	(60.2 - 88.6)
Hispanic	134	96	71.6	(63.5 - 78.6)	37	27.6	(20.7 - 35.7)	86	74	86.0	(77.2 - 91.8)	28	32.6	(23.6 - 43.0)
Missing	11	*	*	*	*	*	*	5	*	*	*	*	*	*
<b>CONTRA COSTA</b>	2,888	2,685	93.0	(92.0 - 93.8)	1,965	68.0	(66.3 - 69.7)	7,791	7,348	94.3	(93.8 - 94.8)	5,693	73.1	(72.1 - 74.0)
African American	174	139	79.9	(73.3 - 85.2)	96	55.2	(47.8 - 62.4)	806	707	87.7	(85.3 - 89.8)	531	65.9	(62.5 - 69.1)
American Indian	2	*	*	*	*	*	*	6	*	*	*	*	*	*
Asian	416	400	96.2	(93.8 - 97.6)	253	60.8	(56.0 - 65.4)	837	803	95.9	(94.4 - 97.1)	617	73.7	(70.6 - 76.6)
Multiple Race	183	169	92.3	(87.6 - 95.4)	120	65.6	(58.4 - 72.1)	448	428	95.5	(93.2 - 97.1)	324	72.3	(68.0 - 76.3)
Pacific Islander	5	*	*	*	*	*	*	17	15	88.2	(65.7 - 96.7)	12	70.6	(46.9 - 86.7)
Other	44	41	93.2	(81.8 - 97.7)	26	59.1	(44.4 - 72.3)	146	141	96.6	(92.2 - 98.5)	118	80.8	(73.7 - 86.4)
White	1,110	1,032	93.0	(91.3 - 94.3)	809	72.9	(70.2 - 75.4)	2,439	2,300	94.3	(93.3 - 95.2)	1,885	77.3	(75.6 - 78.9)
Hispanic	891	837	93.9	(92.2 - 95.3)	610	68.5	(65.3 - 71.4)	2,902	2,769	95.4	(94.6 - 96.1)	2,062	71.1	(69.4 - 72.7)
Missing	63	*	*	*	*	*	*	190	*	*	*	*	*	*
<b>DEL NORTE</b>	136	119	87.5	(80.9 - 92.0)	82	60.3	(51.9 - 68.1)	128	111	86.7	(79.8 - 91.5)	65	50.8	(42.2 - 59.3)
African American		*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	13	11	84.6	(57.8 - 95.7)	*	*	*	5	*	*	*	*	*	*
Asian	3	*	*	*	*	*	*	5	*	*	*	*	*	*
Multiple Race	8	*	*	*	*	*	*	15	14	93.3	(70.2 - 98.8)	11	73.3	(48.0 - 89.1)
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other	3	*	*	*	*	*	*	5	*	*	*	*	*	*
White	84	79	94.0	(86.8 - 97.4)	61	72.6	(62.3 - 81.0)	70	62	88.6	(79.0 - 94.1)	43	61.4	(49.7 - 72.0)
Hispanic	23	19	82.6	(62.9 - 93.0)	*	*	*	26	23	88.5	(71.0 - 96.0)	*	*	*
Missing	2	*	*	*	*	*	*	2	*	*	*	*	*	*
<b>EL DORADO</b>	808	757	93.7	(91.8 - 95.2)	611	75.6	(72.5 - 78.5)	654	627	95.9	(94.1 - 97.1)	493	75.4	(71.9 - 78.5)
African American	4	*	*	*	*	*	*	3	*	*	*	*	*	*
American Indian	3	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	26	26	100.0	(87.1 - 100.0)	21	80.8	(62.1 - 91.5)	26	26	100.0	(87.1 - 100.0)	18	69.2	(50.0 - 83.5)
Multiple Race	33	31	93.9	(80.4 - 98.3)	26	78.8	(62.2 - 89.3)	31	30	96.8	(83.8 - 99.4)	21	67.7	(50.1 - 81.4)
Pacific Islander		*	*	*	*	*	*	2	*	*	*	*	*	*
Other	5	*	*	*	*	*	*	*	*	*	*	*	*	*
White	501	470	93.8	(91.4 - 95.6)	414	82.6	(79.1 - 85.7)	493	471	95.5	(93.3 - 97.0)	374	75.9	(71.9 - 79.4)
Hispanic	222	205	92.3	(88.1 - 95.2)	128	57.7	(51.1 - 64.0)	83	79	95.2	(88.3 - 98.1)	62	74.7	(64.4 - 82.8)
Missing	14	*	*	*	*	*	*	15	*	*	*	*	*	*

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		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>FRESNO</b>	<b>2,878</b>	<b>2,205</b>	<b>76.6</b>	<b>(75.0 - 78.1)</b>	<b>1,451</b>	<b>50.4</b>	<b>(48.6 - 52.2)</b>	<b>11,840</b>	<b>9,874</b>	<b>83.4</b>	<b>(82.7 - 84.1)</b>	<b>5,620</b>	<b>47.5</b>	<b>(46.6 - 48.4)</b>
African American	112	79	70.5	(61.5 - 78.2)	54	48.2	(39.2 - 57.4)	605	468	77.4	(73.9 - 80.5)	240	39.7	(35.8 - 43.6)
American Indian	10	*	*	*	*	*	*	39	33	84.6	(70.3 - 92.8)	20	51.3	(36.2 - 66.1)
Asian	127	89	70.1	(61.6 - 77.4)	63	49.6	(41.1 - 58.2)	761	527	69.3	(65.9 - 72.4)	272	35.7	(32.4 - 39.2)
Multiple Race	65	47	72.3	(60.4 - 81.7)	28	43.1	(31.8 - 55.2)	341	234	68.6	(63.5 - 73.3)	128	37.5	(32.6 - 42.8)
Pacific Islander	3	*	*	*	*	*	*	4	*	*	*	*	*	*
Other	38	26	68.4	(52.5 - 80.9)	15	39.5	(25.6 - 55.3)	282	179	63.5	(57.7 - 68.9)	89	31.6	(26.4 - 37.2)
White	706	626	88.7	(86.1 - 90.8)	518	73.4	(70.0 - 76.5)	2,432	2,188	90.0	(88.7 - 91.1)	1,697	69.8	(67.9 - 71.6)
Hispanic	1,767	1,292	73.1	(71.0 - 75.1)	737	41.7	(39.4 - 44.0)	7,128	6,037	84.7	(83.8 - 85.5)	3,038	42.6	(41.5 - 43.8)
Missing	50	*	*	*	*	*	*	248	*	*	*	*	*	*
<b>GLENN</b>	<b>185</b>	<b>161</b>	<b>87.0</b>	<b>(81.4 - 91.1)</b>	<b>105</b>	<b>56.8</b>	<b>(49.6 - 63.7)</b>	<b>210</b>	<b>196</b>	<b>93.3</b>	<b>(89.1 - 96.0)</b>	<b>140</b>	<b>66.7</b>	<b>(60.0 - 72.7)</b>
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*	4	*	*	*	*	*	*
Multiple Race	7	*	*	*	*	*	*	4	*	*	*	*	*	*
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*	*	*	*	*	*	*	*
White	74	65	87.8	(78.5 - 93.5)	49	66.2	(54.9 - 76.0)	87	82	94.3	(87.2 - 97.5)	68	78.2	(68.4 - 85.5)
Hispanic	95	84	88.4	(80.4 - 93.4)	48	50.5	(40.6 - 60.4)	109	101	92.7	(86.2 - 96.2)	64	58.7	(49.3 - 67.5)
Missing	5	*	*	*	*	*	*	3	*	*	*	*	*	*
<b>HUMBOLDT</b>	<b>965</b>	<b>900</b>	<b>93.3</b>	<b>(91.5 - 94.7)</b>	<b>712</b>	<b>73.8</b>	<b>(70.9 - 76.5)</b>	<b>394</b>	<b>368</b>	<b>93.4</b>	<b>(90.5 - 95.5)</b>	<b>284</b>	<b>72.1</b>	<b>(67.5 - 76.3)</b>
African American	7	*	*	*	*	*	*	5	*	*	*	*	*	*
American Indian	64	60	93.8	(85.0 - 97.5)	44	68.8	(56.6 - 78.8)	23	21	91.3	(73.2 - 97.6)	14	60.9	(40.8 - 77.8)
Asian	9	*	*	*	*	*	*	4	*	*	*	*	*	*
Multiple Race	90	80	88.9	(80.7 - 93.9)	61	67.8	(57.6 - 76.5)	31	27	87.1	(71.1 - 94.9)	21	67.7	(50.1 - 81.4)
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	9	*	*	*	*	*	*	7	*	*	*	*	*	*
White	620	585	94.4	(92.3 - 95.9)	492	79.4	(76.0 - 82.4)	263	250	95.1	(91.7 - 97.1)	207	78.7	(73.4 - 83.2)
Hispanic	135	128	94.8	(89.7 - 97.5)	79	58.5	(50.1 - 66.5)	44	41	93.2	(81.8 - 97.7)	23	52.3	(37.9 - 66.2)
Missing	30	*	*	*	*	*	*	17	*	*	*	*	*	*
<b>IMPERIAL</b>	<b>1,070</b>	<b>905</b>	<b>84.6</b>	<b>(82.3 - 86.6)</b>	<b>259</b>	<b>24.2</b>	<b>(21.7 - 26.9)</b>	<b>1,742</b>	<b>1,563</b>	<b>89.7</b>	<b>(88.2 - 91.1)</b>	<b>245</b>	<b>14.1</b>	<b>(12.5 - 15.8)</b>
African American	6	*	*	*	*	*	*	11	10	90.9	(62.3 - 98.4)	*	*	*
American Indian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	7	*	*	*	*	*	*	9	*	*	*	*	*	*
Multiple Race	4	*	*	*	*	*	*	13	12	92.3	(66.7 - 98.6)	*	*	*
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*	3	*	*	*	*	*	*
White	73	63	86.3	(76.6 - 92.4)	35	47.9	(36.9 - 59.2)	130	112	86.2	(79.2 - 91.1)	43	33.1	(25.6 - 41.5)
Hispanic	937	793	84.6	(82.2 - 86.8)	212	22.6	(20.1 - 25.4)	1,521	1,374	90.3	(88.7 - 91.7)	185	12.2	(10.6 - 13.9)
Missing	42	*	*	*	*	*	*	54	*	*	*	*	*	*
<b>INYO</b>	<b>111</b>	<b>105</b>	<b>94.6</b>	<b>(88.7 - 97.5)</b>	<b>93</b>	<b>83.8</b>	<b>(75.8 - 89.5)</b>	<b>110</b>	<b>106</b>	<b>96.4</b>	<b>(91.0 - 98.6)</b>	<b>93</b>	<b>84.5</b>	<b>(76.6 - 90.1)</b>
African American	1	*	*	*	*	*	*	1	*	*	*	*	*	*
American Indian	9	*	*	*	*	*	*	8	*	*	*	*	*	*
Asian	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	9	*	*	*	*	*	*	14	14	100.0	(78.5 - 100.0)	14	100.0	(78.5 - 100.0)
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	1	*	*	*	*	*	*	*	*	*	*	*	*	*
White	46	44	95.7	(85.5 - 98.8)	41	89.1	(77.0 - 95.3)	42	40	95.2	(84.2 - 98.7)	35	83.3	(69.4 - 91.7)
Hispanic	40	38	95.0	(83.5 - 98.6)	31	77.5	(62.5 - 87.7)	42	40	95.2	(84.2 - 98.7)	34	81.0	(66.7 - 90.0)
Missing	3	*	*	*	*	*	*	3	*	*	*	*	*	*

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

*NBS FORM VERSION ( C ) Revised 6/2007*

*NBS FORM VERSION ( D ) Revised 12/2008*

	ANY BREASTFEEDING				EXCLUSIVE BREASTFEEDING				TOTAL	ANY BREASTFEEDING				EXCLUSIVE BREASTFEEDING			
	TOTAL	Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper	Number		Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>KERN</b>	2,933	2,359	80.4	(79.0 - 81.8)	1,207	41.2	(39.4 - 42.9)	9,912	8,327	84.0	(83.3 - 84.7)	3,268	33.0	(32.1 - 33.9)			
African American	156	99	63.5	(55.7 - 70.6)	45	28.8	(22.3 - 36.4)	526	359	68.3	(64.2 - 72.1)	129	24.5	(21.0 - 28.4)			
American Indian	3	*	*	*	*	*	*	14	*	*	*	*	*	*			
Asian	103	86	83.5	(75.1 - 89.4)	28	27.2	(19.5 - 36.5)	231	208	90.0	(85.5 - 93.3)	79	34.2	(28.4 - 40.5)			
Multiple Race	55	46	83.6	(71.7 - 91.1)	27	49.1	(36.4 - 61.9)	138	116	84.1	(77.0 - 89.2)	65	47.1	(39.0 - 55.4)			
Pacific Islander	2	*	*	*	*	*	*	3	*	*	*	*	*	*			
Other	19	18	94.7	(75.4 - 99.1)	13	68.4	(46.0 - 84.6)	60	55	91.7	(81.9 - 96.4)	25	41.7	(30.1 - 54.3)			
White	1,032	872	84.5	(82.2 - 86.6)	620	60.1	(57.1 - 63.0)	2,553	2,159	84.6	(83.1 - 85.9)	1,353	53.0	(51.1 - 54.9)			
Hispanic	1,507	1,186	78.7	(76.6 - 80.7)	446	29.6	(27.3 - 31.9)	6,171	5,236	84.8	(83.9 - 85.7)	1,539	24.9	(23.9 - 26.0)			
Missing	56	*	*	*	*	*	*	216	*	*	*	*	*	*			
<b>KINGS</b>	669	501	74.9	(71.5 - 78.0)	412	61.6	(57.8 - 65.2)	1,363	1,060	77.8	(75.5 - 79.9)	449	32.9	(30.5 - 35.5)			
African American	20	15	75.0	(53.1 - 88.8)	12	60.0	(38.7 - 78.1)	46	32	69.6	(55.2 - 80.9)	13	28.3	(17.3 - 42.5)			
American Indian	7	*	*	*	*	*	*	10	*	*	*	*	*	*			
Asian	10	*	*	*	*	*	*	28	25	89.3	(72.8 - 96.3)	13	46.4	(29.5 - 64.2)			
Multiple Race	23	16	69.6	(49.1 - 84.4)	14	60.9	(40.8 - 77.8)	22	16	72.7	(51.8 - 86.8)	*	*	*			
Pacific Islander	3	*	*	*	*	*	*	7	*	*	*	*	*	*			
Other	139	106	76.3	(68.5 - 82.6)	98	70.5	(62.5 - 77.5)	295	242	82.0	(77.3 - 86.0)	163	55.3	(49.5 - 60.8)			
White	448	334	74.6	(70.3 - 78.4)	265	59.2	(54.5 - 63.6)	918	706	76.9	(74.1 - 79.5)	235	25.6	(22.9 - 28.5)			
Hispanic	19	*	*	*	*	*	*	37	*	*	*	*	*	*			
Missing	342	301	88.0	(84.1 - 91.0)	219	64.0	(58.8 - 68.9)	271	254	93.7	(90.2 - 96.0)	174	64.2	(58.3 - 69.7)			
African American	5	*	*	*	*	*	*	5	*	*	*	*	*	*			
American Indian	9	*	*	*	*	*	*	11	10	90.9	(62.3 - 98.4)	*	*	*			
Asian	2	*	*	*	*	*	*	2	*	*	*	*	*	*			
Multiple Race	14	12	85.7	(60.1 - 96.0)	*	*	*	13	11	84.6	(57.8 - 95.7)	*	*	*			
Pacific Islander	3	*	*	*	*	*	*	1	*	*	*	*	*	*			
Other	196	180	91.8	(87.2 - 94.9)	143	73.0	(66.3 - 78.7)	161	152	94.4	(89.7 - 97.0)	120	74.5	(67.3 - 80.6)			
White	109	93	85.3	(77.5 - 90.8)	60	55.0	(45.7 - 64.1)	71	66	93.0	(84.6 - 97.0)	33	46.5	(35.4 - 58.0)			
Hispanic	4	*	*	*	*	*	*	7	*	*	*	*	*	*			
Missing	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
African American	2	*	*	*	*	*	*	*	*	*	*	*	*	*			
American Indian	1	*	*	*	*	*	*	*	*	*	*	*	*	*			
Asian	6	*	*	*	*	*	*	1	*	*	*	*	*	*			
Multiple Race	2	*	*	*	*	*	*	1	*	*	*	*	*	*			
Pacific Islander	43	39	90.7	(78.4 - 96.3)	32	74.4	(59.8 - 85.1)	45	42	93.3	(82.1 - 97.7)	37	82.2	(68.7 - 90.7)			
Other	7	*	*	*	*	*	*	11	11	100.0	(74.1 - 100.0)	*	*	*			
White	4	*	*	*	*	*	*	2	*	*	*	*	*	*			
Hispanic	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
Missing	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
<b>LASSEN</b>	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
African American	2	*	*	*	*	*	*	*	*	*	*	*	*	*			
American Indian	1	*	*	*	*	*	*	*	*	*	*	*	*	*			
Asian	6	*	*	*	*	*	*	1	*	*	*	*	*	*			
Multiple Race	2	*	*	*	*	*	*	1	*	*	*	*	*	*			
Pacific Islander	43	39	90.7	(78.4 - 96.3)	32	74.4	(59.8 - 85.1)	45	42	93.3	(82.1 - 97.7)	37	82.2	(68.7 - 90.7)			
Other	7	*	*	*	*	*	*	11	11	100.0	(74.1 - 100.0)	*	*	*			
White	4	*	*	*	*	*	*	2	*	*	*	*	*	*			
Hispanic	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
Missing	65	60	92.3	(83.2 - 96.7)	42	64.6	(52.5 - 75.1)	61	57	93.4	(84.3 - 97.4)	46	75.4	(63.3 - 84.5)			
<b>LOS ANGELES</b>	29,800	24,685	82.8	(82.4 - 83.3)	10,278	34.5	(34.0 - 35.0)	93,431	81,355	87.1	(86.9 - 87.3)	31,133	33.3	(33.0 - 33.6)			
African American	1,718	1,141	66.4	(64.1 - 68.6)	519	30.2	(28.1 - 32.4)	7,039	5,229	74.3	(73.3 - 75.3)	2,030	28.8	(27.8 - 29.9)			
American Indian	19	19	100.0	(83.2 - 100.0)	*	*	*	54	48	88.9	(77.8 - 94.8)	24	44.4	(32.0 - 57.6)			
Asian	2,656	2,298	86.5	(85.2 - 87.8)	958	36.1	(34.3 - 37.9)	9,725	8,916	91.7	(91.1 - 92.2)	3,168	32.6	(31.7 - 33.5)			
Multiple Race	805	702	87.2	(84.7 - 89.3)	429	53.3	(49.8 - 56.7)	2,419	2,197	90.8	(89.6 - 91.9)	1,296	53.6	(51.6 - 55.6)			
Pacific Islander	43	28	65.1	(50.2 - 77.6)	*	*	*	181	137	75.7	(68.9 - 81.4)	43	23.8	(18.1 - 30.5)			
Other	288	249	86.5	(82.0 - 89.9)	117	40.6	(35.1 - 46.4)	874	785	89.8	(87.6 - 91.7)	383	43.8	(40.6 - 47.1)			
White	4,723	4,299	91.0	(90.2 - 91.8)	2,894	61.3	(59.9 - 62.7)	14,065	12,997	92.4	(92.0 - 92.8)	8,970	63.8	(63.0 - 64.6)			
Hispanic	18,946	15,440	81.5	(80.9 - 82.0)	5,096	26.9	(26.3 - 27.5)	57,388	49,566	86.4	(86.1 - 86.6)	14,589	25.4	(25.1 - 25.8)			
Missing	602	*	*	*	*	*	*	1,686	*	*	*	*	*	*			

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Use Form Version (D)

*NBS FORM VERSION ( C ) Revised 6/2007*

*NBS FORM VERSION ( D ) Revised 12/2008*

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>MADERA</b>	1,198	1,089	90.9	(89.1 - 92.4)	678	56.6	(53.8 - 59.4)	934	844	90.4	(88.3 - 92.1)	575	61.6	(58.4 - 64.6)
African American	19	11	57.9	(36.3 - 76.9)	*	*	*	8	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	4	*	*	*	*	*	*	13	12	92.3	(66.7 - 98.6)	10	76.9	(49.7 - 91.8)
Multiple Race	10	*	*	*	*	*	*	8	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other	3	*	*	*	*	*	*	4	*	*	*	*	*	*
White	171	156	91.2	(86.0 - 94.6)	131	76.6	(69.7 - 82.3)	299	274	91.6	(87.9 - 94.3)	231	77.3	(72.2 - 81.6)
Hispanic	964	884	91.7	(89.8 - 93.3)	516	53.5	(50.4 - 56.7)	583	526	90.2	(87.5 - 92.4)	307	52.7	(48.6 - 56.7)
Missing	25	*	*	*	*	*	*	16	*	*	*	*	*	*
<b>MARIN</b>	712	699	98.2	(96.9 - 98.9)	604	84.8	(82.0 - 87.3)	1,423	1,399	98.3	(97.5 - 98.9)	1,148	80.7	(78.5 - 82.6)
African American	12	11	91.7	(64.6 - 98.5)	*	*	*	22	22	100.0	(85.1 - 100.0)	19	86.4	(66.7 - 95.3)
American Indian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	24	23	95.8	(79.8 - 99.3)	18	75.0	(55.1 - 88.0)	66	65	98.5	(91.9 - 99.7)	49	74.2	(62.6 - 83.3)
Multiple Race	35	35	100.0	(90.1 - 100.0)	31	88.6	(74.0 - 95.5)	68	66	97.1	(89.9 - 99.2)	56	82.4	(71.6 - 89.6)
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other	9	*	*	*	*	*	*	6	*	*	*	*	*	*
White	386	380	98.4	(96.7 - 99.3)	335	86.8	(83.0 - 89.8)	828	815	98.4	(97.3 - 99.1)	674	81.4	(78.6 - 83.9)
Hispanic	228	224	98.2	(95.6 - 99.3)	187	82.0	(76.5 - 86.5)	395	389	98.5	(96.7 - 99.3)	316	80.0	(75.8 - 83.6)
Missing	17	*	*	*	*	*	*	37	*	*	*	*	*	*
<b>MARIPOSA</b>	34	30	88.2	(73.4 - 95.3)	24	70.6	(53.8 - 83.2)	97	92	94.8	(88.5 - 97.8)	72	74.2	(64.7 - 81.9)
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian		*	*	*	*	*	*	*	*	*	*	*	*	*
Asian		*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race		*	*	*	*	*	*	4	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	32	28	87.5	(71.9 - 95.0)	23	71.9	(54.6 - 84.4)	80	76	95.0	(87.8 - 98.0)	62	77.5	(67.2 - 85.3)
Hispanic	1	*	*	*	*	*	*	10	*	*	*	*	*	*
Missing		*	*	*	*	*	*	3	*	*	*	*	*	*
<b>MENDOCINO</b>	494	455	92.1	(89.4 - 94.2)	369	74.7	(70.7 - 78.3)	373	352	94.4	(91.5 - 96.3)	260	69.7	(64.9 - 74.1)
African American	2	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	18	13	72.2	(49.1 - 87.5)	11	61.1	(38.6 - 79.7)	19	19	100.0	(83.2 - 100.0)	12	63.2	(41.0 - 80.9)
Asian	4	*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	24	21	87.5	(69.0 - 95.7)	16	66.7	(46.7 - 82.0)	10	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other	2	*	*	*	*	*	*	1	*	*	*	*	*	*
White	259	246	95.0	(91.6 - 97.0)	218	84.2	(79.2 - 88.1)	194	185	95.4	(91.4 - 97.5)	155	79.9	(73.7 - 84.9)
Hispanic	168	153	91.1	(85.8 - 94.5)	107	63.7	(56.2 - 70.6)	134	126	94.0	(88.7 - 96.9)	80	59.7	(51.2 - 67.6)
Missing	17	*	*	*	*	*	*	15	*	*	*	*	*	*
<b>MERCED</b>	1,373	1,168	85.1	(83.1 - 86.9)	629	45.8	(43.2 - 48.5)	2,443	2,102	86.0	(84.6 - 87.4)	1,169	47.9	(45.9 - 49.8)
African American	29	22	75.9	(57.9 - 87.8)	12	41.4	(25.5 - 59.3)	52	36	69.2	(55.7 - 80.1)	23	44.2	(31.6 - 57.7)
American Indian		*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	50	33	66.0	(52.2 - 77.6)	17	34.0	(22.4 - 47.8)	121	74	61.2	(52.3 - 69.4)	23	19.0	(13.0 - 26.9)
Multiple Race	33	26	78.8	(62.2 - 89.3)	18	54.5	(38.0 - 70.2)	72	48	66.7	(55.2 - 76.5)	30	41.7	(31.0 - 53.2)
Pacific Islander	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	20	15	75.0	(53.1 - 88.8)	*	*	*	48	35	72.9	(59.0 - 83.4)	13	27.1	(16.6 - 41.0)
White	310	261	84.2	(79.7 - 87.8)	193	62.3	(56.7 - 67.5)	546	487	89.2	(86.3 - 91.5)	355	65.0	(60.9 - 68.9)
Hispanic	897	785	87.5	(85.2 - 89.5)	368	41.0	(37.9 - 44.3)	1,537	1,365	88.8	(87.1 - 90.3)	695	45.2	(42.7 - 47.7)
Missing	32	*	*	*	*	*	*	67	*	*	*	*	*	*

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*NBS FORM VERSION ( D ) Revised 12/2008*

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>MODOC</b>	13	11	84.6	(57.8 - 95.7)	*	*	*	26	23	88.5	(71.0 - 96.0)	19	73.1	(53.9 - 86.3)
African American		*	*	*	*	*	*		*	*	*	*	*	*
American Indian		*	*	*	*	*	*	3	*	*	*	*	*	*
Asian		*	*	*	*	*	*		*	*	*	*	*	*
Multiple Race	2	*	*	*	*	*	*	1	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*		*	*	*	*	*	*
Other	1	*	*	*	*	*	*		*	*	*	*	*	*
White	10	*	*	*	*	*	*	15	13	86.7	(62.1 - 96.3)	11	73.3	(48.0 - 89.1)
Hispanic		*	*	*	*	*	*	7	*	*	*	*	*	*
Missing		*	*	*	*	*	*		*	*	*	*	*	*
<b>MONO</b>	109	104	95.4	(89.7 - 98.0)	55	50.5	(41.2 - 59.7)	15	15	100.0	(79.6 - 100.0)	10	66.7	(41.7 - 84.8)
African American		*	*	*	*	*	*		*	*	*	*	*	*
American Indian		*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*		*	*	*	*	*	*
Multiple Race	2	*	*	*	*	*	*		*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*		*	*	*	*	*	*
Other		*	*	*	*	*	*		*	*	*	*	*	*
White	50	49	98.0	(89.5 - 99.6)	36	72.0	(58.3 - 82.5)	7	*	*	*	*	*	*
Hispanic	54	50	92.6	(82.4 - 97.1)	16	29.6	(19.1 - 42.8)	7	*	*	*	*	*	*
Missing	2	*	*	*	*	*	*		*	*	*	*	*	*
<b>MONTEREY</b>	2,561	2,421	94.5	(93.6 - 95.3)	1,626	63.5	(61.6 - 65.3)	3,281	3,146	95.9	(95.2 - 96.5)	2,292	69.9	(68.3 - 71.4)
African American	26	21	80.8	(62.1 - 91.5)	18	69.2	(50.0 - 83.5)	42	39	92.9	(81.0 - 97.5)	28	66.7	(51.6 - 79.0)
American Indian	3	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	80	78	97.5	(91.3 - 99.3)	66	82.5	(72.7 - 89.3)	96	92	95.8	(89.8 - 98.4)	72	75.0	(65.5 - 82.6)
Multiple Race	55	54	98.2	(90.4 - 99.7)	50	90.9	(80.4 - 96.1)	61	56	91.8	(82.2 - 96.4)	49	80.3	(68.7 - 88.4)
Pacific Islander	7	*	*	*	*	*	*	5	*	*	*	*	*	*
Other	14	14	100.0	(78.5 - 100.0)	13	92.9	(68.5 - 98.7)	15	14	93.3	(70.2 - 98.8)	12	80.0	(54.8 - 93.0)
White	425	411	96.7	(94.5 - 98.0)	377	88.7	(85.3 - 91.4)	575	544	94.6	(92.4 - 96.2)	485	84.3	(81.2 - 87.1)
Hispanic	1,888	1,776	94.1	(92.9 - 95.0)	1,066	56.5	(54.2 - 58.7)	2,387	2,298	96.3	(95.4 - 97.0)	1,574	65.9	(64.0 - 67.8)
Missing	63	*	*	*	*	*	*	99	*	*	*	*	*	*
<b>NAPA</b>	450	432	96.0	(93.8 - 97.5)	340	75.6	(71.4 - 79.3)	873	831	95.2	(93.6 - 96.4)	663	75.9	(73.0 - 78.7)
African American	4	*	*	*	*	*	*	7	*	*	*	*	*	*
American Indian		*	*	*	*	*	*		*	*	*	*	*	*
Asian	24	22	91.7	(74.2 - 97.7)	17	70.8	(50.8 - 85.1)	65	63	96.9	(89.5 - 99.2)	46	70.8	(58.8 - 80.4)
Multiple Race	11	11	100.0	(74.1 - 100.0)	*	*	*	21	20	95.2	(77.3 - 99.2)	18	85.7	(65.4 - 95.0)
Pacific Islander		*	*	*	*	*	*	1	*	*	*	*	*	*
Other	4	*	*	*	*	*	*	6	*	*	*	*	*	*
White	173	167	96.5	(92.6 - 98.4)	143	82.7	(76.3 - 87.6)	279	260	93.2	(89.6 - 95.6)	225	80.6	(75.6 - 84.9)
Hispanic	230	220	95.7	(92.2 - 97.6)	162	70.4	(64.2 - 76.0)	484	466	96.3	(94.2 - 97.6)	358	74.0	(69.9 - 77.7)
Missing	4	*	*	*	*	*	*	10	*	*	*	*	*	*
<b>NEVADA</b>	433	418	96.5	(94.4 - 97.9)	372	85.9	(82.3 - 88.9)	269	257	95.5	(92.4 - 97.4)	232	86.2	(81.6 - 89.9)
African American	2	*	*	*	*	*	*		*	*	*	*	*	*
American Indian		*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	6	*	*	*	*	*	*	4	*	*	*	*	*	*
Multiple Race	21	21	100.0	(84.5 - 100.0)	20	95.2	(77.3 - 99.2)	13	13	100.0	(77.2 - 100.0)	13	100.0	(77.2 - 100.0)
Pacific Islander		*	*	*	*	*	*	1	*	*	*	*	*	*
Other		*	*	*	*	*	*		*	*	*	*	*	*
White	310	299	96.5	(93.8 - 98.0)	270	87.1	(82.9 - 90.4)	217	208	95.9	(92.3 - 97.8)	188	86.6	(81.5 - 90.5)
Hispanic	86	82	95.3	(88.6 - 98.2)	67	77.9	(68.1 - 85.4)	30	28	93.3	(78.7 - 98.2)	25	83.3	(66.4 - 92.7)
Missing	8	*	*	*	*	*	*	3	*	*	*	*	*	*

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

NBS FORM VERSION ( C ) Revised 6/2007

NBS FORM VERSION ( D ) Revised 12/2008

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>ORANGE</b>	9,567	8,417	88.0	(87.3 - 88.6)	3,755	39.2	(38.3 - 40.2)	26,810	24,405	91.0	(90.7 - 91.4)	12,776	47.7	(47.1 - 48.3)
African American	91	74	81.3	(72.1 - 88.0)	39	42.9	(33.2 - 53.1)	252	209	82.9	(77.8 - 87.1)	115	45.6	(39.6 - 51.8)
American Indian	2	*	*	*	*	*	*	4	*	*	*	*	*	*
Asian	1,159	1,023	88.3	(86.3 - 90.0)	415	35.8	(33.1 - 38.6)	4,200	3,731	88.8	(87.8 - 89.8)	1,571	37.4	(36.0 - 38.9)
Multiple Race	276	258	93.5	(89.9 - 95.8)	161	58.3	(52.4 - 64.0)	1,009	936	92.8	(91.0 - 94.2)	588	58.3	(55.2 - 61.3)
Pacific Islander	8	*	*	*	*	*	*	43	34	79.1	(64.8 - 88.6)	22	51.2	(36.8 - 65.4)
Other	79	72	91.1	(82.8 - 95.6)	33	41.8	(31.5 - 52.8)	237	221	93.2	(89.3 - 95.8)	128	54.0	(47.6 - 60.2)
White	2,331	2,094	89.8	(88.5 - 91.0)	1,419	60.9	(58.9 - 62.8)	7,464	6,897	92.4	(91.8 - 93.0)	4,741	63.5	(62.4 - 64.6)
Hispanic	5,385	4,675	86.8	(85.9 - 87.7)	1,585	29.4	(28.2 - 30.7)	13,060	11,873	90.9	(90.4 - 91.4)	5,345	40.9	(40.1 - 41.8)
Missing	236	*	*	*	*	*	*	541	*	*	*	*	*	*
<b>PLACER</b>	903	858	95.0	(93.4 - 96.3)	582	64.5	(61.3 - 67.5)	2,296	2,150	93.6	(92.6 - 94.6)	1,609	70.1	(68.2 - 71.9)
African American	10	*	*	*	*	*	*	20	17	85.0	(64.0 - 94.8)	*	*	*
American Indian	3	*	*	*	*	*	*	2	*	*	*	*	*	*
Asian	39	37	94.9	(83.1 - 98.6)	20	51.3	(36.2 - 66.1)	168	157	93.5	(88.7 - 96.3)	102	60.7	(53.2 - 67.8)
Multiple Race	30	27	90.0	(74.4 - 96.5)	17	56.7	(39.2 - 72.6)	123	117	95.1	(89.8 - 97.7)	90	73.2	(64.7 - 80.2)
Pacific Islander		*	*	*	*	*	*	1	*	*	*	*	*	*
Other	11	10	90.9	(62.3 - 98.4)	*	*	*	20	19	95.0	(76.4 - 99.1)	11	55.0	(34.2 - 74.2)
White	574	548	95.5	(93.4 - 96.9)	404	70.4	(66.5 - 74.0)	1,498	1,401	93.5	(92.2 - 94.7)	1,101	73.5	(71.2 - 75.7)
Hispanic	225	214	95.1	(91.5 - 97.2)	123	54.7	(48.1 - 61.0)	403	378	93.8	(91.0 - 95.8)	257	63.8	(59.0 - 68.3)
Missing	11	*	*	*	*	*	*	61	*	*	*	*	*	*
<b>PLUMAS</b>	99	92	92.9	(86.1 - 96.5)	78	78.8	(69.7 - 85.7)	14	12	85.7	(60.1 - 96.0)	12	85.7	(60.1 - 96.0)
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian		*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race		*	*	*	*	*	*	*	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	70	64	91.4	(82.5 - 96.0)	55	78.6	(67.6 - 86.6)	12	11	91.7	(64.6 - 98.5)	11	91.7	(64.6 - 98.5)
Hispanic	19	19	100.0	(83.2 - 100.0)	16	84.2	(62.4 - 94.5)	*	*	*	*	*	*	*
Missing	7	*	*	*	*	*	*	2	*	*	*	*	*	*
<b>RIVERSIDE</b>	7,635	6,660	87.2	(86.5 - 88.0)	4,411	57.8	(56.7 - 58.9)	19,444	17,572	90.4	(89.9 - 90.8)	11,917	61.3	(60.6 - 62.0)
African American	374	286	76.5	(71.9 - 80.5)	178	47.6	(42.6 - 52.7)	946	788	83.3	(80.8 - 85.5)	523	55.3	(52.1 - 58.4)
American Indian	22	18	81.8	(61.5 - 92.7)	11	50.0	(30.7 - 69.3)	48	42	87.5	(75.3 - 94.1)	29	60.4	(46.3 - 73.0)
Asian	223	203	91.0	(86.6 - 94.1)	130	58.3	(51.7 - 64.6)	909	841	92.5	(90.6 - 94.1)	525	57.8	(54.5 - 60.9)
Multiple Race	174	150	86.2	(80.3 - 90.6)	111	63.8	(56.4 - 70.6)	490	446	91.0	(88.2 - 93.2)	329	67.1	(62.9 - 71.2)
Pacific Islander	7	*	*	*	*	*	*	23	19	82.6	(62.9 - 93.0)	14	60.9	(40.8 - 77.8)
Other	46	40	87.0	(74.3 - 93.9)	32	69.6	(55.2 - 80.9)	95	82	86.3	(78.0 - 91.8)	54	56.8	(46.8 - 66.3)
White	1,655	1,467	88.6	(87.0 - 90.1)	1,156	69.8	(67.6 - 72.0)	5,044	4,558	90.4	(89.5 - 91.1)	3,634	72.0	(70.8 - 73.3)
Hispanic	4,950	4,333	87.5	(86.6 - 88.4)	2,690	54.3	(53.0 - 55.7)	11,437	10,396	90.9	(90.4 - 91.4)	6,535	57.1	(56.2 - 58.0)
Missing	184	*	*	*	*	*	*	452	*	*	*	*	*	*
<b>SACRAMENTO</b>	2,972	2,570	86.5	(85.2 - 87.7)	1,718	57.8	(56.0 - 59.6)	14,863	13,112	88.2	(87.7 - 88.7)	9,188	61.8	(61.0 - 62.6)
African American	277	206	74.4	(68.9 - 79.2)	119	43.0	(37.3 - 48.8)	1,547	1,233	79.7	(77.6 - 81.6)	784	50.7	(48.2 - 53.2)
American Indian	3	*	*	*	*	*	*	27	24	88.9	(71.9 - 96.1)	20	74.1	(55.3 - 86.8)
Asian	239	191	79.9	(74.4 - 84.5)	111	46.4	(40.2 - 52.8)	1,620	1,369	84.5	(82.7 - 86.2)	866	53.5	(51.0 - 55.9)
Multiple Race	221	186	84.2	(78.8 - 88.4)	138	62.4	(55.9 - 68.6)	1,114	933	83.8	(81.5 - 85.8)	659	59.2	(56.2 - 62.0)
Pacific Islander	3	*	*	*	*	*	*	38	36	94.7	(82.7 - 98.5)	19	50.0	(34.8 - 65.2)
Other	100	67	67.0	(57.3 - 75.4)	37	37.0	(28.2 - 46.8)	630	456	72.4	(68.8 - 75.7)	275	43.7	(39.8 - 47.6)
White	1,140	1,041	91.3	(89.5 - 92.8)	783	68.7	(65.9 - 71.3)	5,212	4,836	92.8	(92.1 - 93.5)	3,823	73.3	(72.1 - 74.5)
Hispanic	902	797	88.4	(86.1 - 90.3)	472	52.3	(49.1 - 55.6)	4,280	3,886	90.8	(89.9 - 91.6)	2,527	59.0	(57.6 - 60.5)
Missing	87	*	*	*	*	*	*	395	*	*	*	*	*	*

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

NBS FORM VERSION ( C ) Revised 6/2007

NBS FORM VERSION ( D ) Revised 12/2008

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>SAN BENITO</b>	<b>521</b>	<b>496</b>	<b>95.2</b>	<b>(93.0 - 96.7)</b>	<b>199</b>	<b>38.2</b>	<b>(34.1 - 42.4)</b>	<b>151</b>	<b>145</b>	<b>96.0</b>	<b>(91.6 - 98.2)</b>	<b>95</b>	<b>62.9</b>	<b>(55.0 - 70.2)</b>
African American	1	*	*	*	*	*	*	1	*	*	*	*	*	*
American Indian		*	*	*	*	*	*		*	*	*	*	*	*
Asian	3	*	*	*	*	*	*	3	*	*	*	*	*	*
Multiple Race	7	*	*	*	*	*	*	2	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*		*	*	*	*	*	*
Other		*	*	*	*	*	*		*	*	*	*	*	*
White	103	99	96.1	(90.4 - 98.5)	60	58.3	(48.6 - 67.3)	53	52	98.1	(90.1 - 99.7)	38	71.7	(58.4 - 82.0)
Hispanic	385	367	95.3	(92.7 - 97.0)	131	34.0	(29.5 - 38.9)	90	85	94.4	(87.6 - 97.6)	50	55.6	(45.3 - 65.4)
Missing	22	*	*	*	*	*	*	2	*	*	*	*	*	*
<b>SAN BERNARDINO</b>	<b>6,376</b>	<b>5,252</b>	<b>82.4</b>	<b>(81.4 - 83.3)</b>	<b>3,324</b>	<b>52.1</b>	<b>(50.9 - 53.4)</b>	<b>20,392</b>	<b>17,182</b>	<b>84.3</b>	<b>(83.8 - 84.8)</b>	<b>10,365</b>	<b>50.8</b>	<b>(50.1 - 51.5)</b>
African American	555	376	67.7	(63.7 - 71.5)	205	36.9	(33.0 - 41.0)	1,631	1,229	75.4	(73.2 - 77.4)	708	43.4	(41.0 - 45.8)
American Indian	7	*	*	*	*	*	*	26	22	84.6	(66.5 - 93.8)	18	69.2	(50.0 - 83.5)
Asian	222	197	88.7	(83.9 - 92.3)	111	50.0	(43.5 - 56.5)	905	822	90.8	(88.8 - 92.5)	397	43.9	(40.7 - 47.1)
Multiple Race	162	127	78.4	(71.4 - 84.0)	92	56.8	(49.1 - 64.2)	464	406	87.5	(84.2 - 90.2)	269	58.0	(53.4 - 62.4)
Pacific Islander	5	*	*	*	*	*	*	28	20	71.4	(52.9 - 84.7)	13	46.4	(29.5 - 64.2)
Other	34	30	88.2	(73.4 - 95.3)	15	44.1	(28.9 - 60.5)	141	119	84.4	(77.5 - 89.5)	56	39.7	(32.0 - 48.0)
White	1,845	1,588	86.1	(84.4 - 87.6)	1,174	63.6	(61.4 - 65.8)	4,052	3,521	86.9	(85.8 - 87.9)	2,502	61.7	(60.2 - 63.2)
Hispanic	3,415	2,818	82.5	(81.2 - 83.8)	1,647	48.2	(46.6 - 49.9)	12,774	10,729	84.0	(83.3 - 84.6)	6,222	48.7	(47.8 - 49.6)
Missing	131	*	*	*	*	*	*	371	*	*	*	*	*	*
<b>SAN DIEGO</b>	<b>6,250</b>	<b>5,818</b>	<b>93.1</b>	<b>(92.4 - 93.7)</b>	<b>4,079</b>	<b>65.3</b>	<b>(64.1 - 66.4)</b>	<b>29,382</b>	<b>27,479</b>	<b>93.5</b>	<b>(93.2 - 93.8)</b>	<b>18,829</b>	<b>64.1</b>	<b>(63.5 - 64.6)</b>
African American	167	145	86.8	(80.9 - 91.1)	85	50.9	(43.4 - 58.4)	1,073	916	85.4	(83.1 - 87.4)	519	48.4	(45.4 - 51.4)
American Indian	16	13	81.3	(57.0 - 93.4)	10	62.5	(38.6 - 81.5)	71	59	83.1	(72.7 - 90.1)	34	47.9	(36.7 - 59.3)
Asian	317	289	91.2	(87.5 - 93.8)	186	58.7	(53.2 - 64.0)	2,842	2,650	93.2	(92.3 - 94.1)	1,771	62.3	(60.5 - 64.1)
Multiple Race	202	182	90.1	(85.2 - 93.5)	131	64.9	(58.0 - 71.1)	1,130	1,050	92.9	(91.3 - 94.3)	769	68.1	(65.3 - 70.7)
Pacific Islander	13	12	92.3	(66.7 - 98.6)	*	*	*	79	63	79.7	(69.6 - 87.1)	38	48.1	(37.4 - 58.9)
Other	55	51	92.7	(82.7 - 97.1)	37	67.3	(54.1 - 78.2)	367	338	92.1	(88.9 - 94.4)	215	58.6	(53.5 - 63.5)
White	1,516	1,425	94.0	(92.7 - 95.1)	1,229	81.1	(79.0 - 83.0)	9,672	9,141	94.5	(94.0 - 94.9)	7,407	76.6	(75.7 - 77.4)
Hispanic	3,838	3,587	93.5	(92.6 - 94.2)	2,317	60.4	(58.8 - 61.9)	13,489	12,645	93.7	(93.3 - 94.1)	7,640	56.6	(55.8 - 57.5)
Missing	126	*	*	*	*	*	*	659	*	*	*	*	*	*
<b>SAN FRANCISCO</b>	<b>2,247</b>	<b>2,125</b>	<b>94.6</b>	<b>(93.6 - 95.4)</b>	<b>1,798</b>	<b>80.0</b>	<b>(78.3 - 81.6)</b>	<b>5,495</b>	<b>5,262</b>	<b>95.8</b>	<b>(95.2 - 96.3)</b>	<b>4,200</b>	<b>76.4</b>	<b>(75.3 - 77.5)</b>
African American	106	78	73.6	(64.5 - 81.0)	61	57.5	(48.0 - 66.5)	276	229	83.0	(78.1 - 86.9)	158	57.2	(51.3 - 62.9)
American Indian	3	*	*	*	*	*	*	7	*	*	*	*	*	*
Asian	518	475	91.7	(89.0 - 93.8)	319	61.6	(57.3 - 65.7)	1,395	1,308	93.8	(92.4 - 94.9)	795	57.0	(54.4 - 59.6)
Multiple Race	170	163	95.9	(91.7 - 98.0)	145	85.3	(79.2 - 89.8)	420	401	95.5	(93.0 - 97.1)	338	80.5	(76.4 - 84.0)
Pacific Islander	16	11	68.8	(44.4 - 85.8)	*	*	*	16	13	81.3	(57.0 - 93.4)	*	*	*
Other	21	21	100.0	(84.5 - 100.0)	18	85.7	(65.4 - 95.0)	67	67	100.0	(94.6 - 100.0)	51	76.1	(64.7 - 84.7)
White	880	862	98.0	(96.8 - 98.7)	784	89.1	(86.9 - 91.0)	2,106	2,056	97.6	(96.9 - 98.2)	1,823	86.6	(85.0 - 88.0)
Hispanic	477	459	96.2	(94.1 - 97.6)	412	86.4	(83.0 - 89.2)	1,072	1,056	98.5	(97.6 - 99.1)	914	85.3	(83.0 - 87.3)
Missing	56	*	*	*	*	*	*	136	*	*	*	*	*	*
<b>SAN JOAQUIN</b>	<b>3,472</b>	<b>2,910</b>	<b>83.8</b>	<b>(82.6 - 85.0)</b>	<b>1,737</b>	<b>50.0</b>	<b>(48.4 - 51.7)</b>	<b>5,310</b>	<b>4,563</b>	<b>85.9</b>	<b>(85.0 - 86.8)</b>	<b>2,304</b>	<b>43.4</b>	<b>(42.1 - 44.7)</b>
African American	221	163	73.8	(67.6 - 79.1)	94	42.5	(36.2 - 49.1)	366	272	74.3	(69.6 - 78.5)	131	35.8	(31.1 - 40.8)
American Indian	6	*	*	*	*	*	*	9	*	*	*	*	*	*
Asian	353	282	79.9	(75.4 - 83.7)	155	43.9	(38.8 - 49.1)	598	485	81.1	(77.8 - 84.0)	214	35.8	(32.0 - 39.7)
Multiple Race	133	103	77.4	(69.6 - 83.7)	79	59.4	(50.9 - 67.4)	219	183	83.6	(78.1 - 87.9)	104	47.5	(41.0 - 54.1)
Pacific Islander	7	*	*	*	*	*	*	9	*	*	*	*	*	*
Other	72	53	73.6	(62.4 - 82.4)	27	37.5	(27.2 - 49.0)	100	70	70.0	(60.4 - 78.1)	27	27.0	(19.3 - 36.4)
White	879	748	85.1	(82.6 - 87.3)	573	65.2	(62.0 - 68.3)	1,175	1,022	87.0	(84.9 - 88.8)	707	60.2	(57.3 - 62.9)
Hispanic	1,710	1,480	86.5	(84.9 - 88.1)	766	44.8	(42.5 - 47.2)	2,671	2,374	88.9	(87.6 - 90.0)	1,048	39.2	(37.4 - 41.1)
Missing	91	*	*	*	*	*	*	163	*	*	*	*	*	*



**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

NBS FORM VERSION ( C ) Revised 6/2007

NBS FORM VERSION ( D ) Revised 12/2008

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>SAN LUIS OBISPO</b>	<b>1,352</b>	<b>1,300</b>	<b>96.2</b>	<b>(95.0 - 97.1)</b>	<b>1,026</b>	<b>75.9</b>	<b>(73.5 - 78.1)</b>	<b>949</b>	<b>903</b>	<b>95.2</b>	<b>(93.6 - 96.3)</b>	<b>673</b>	<b>70.9</b>	<b>(67.9 - 73.7)</b>
African American	13	13	100.0	(77.2 - 100.0)	10	76.9	(49.7 - 91.8)	6	*	*	*	*	*	*
American Indian	*	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	24	23	95.8	(79.8 - 99.3)	16	66.7	(46.7 - 82.0)	26	25	96.2	(81.1 - 99.3)	16	61.5	(42.5 - 77.6)
Multiple Race	42	41	97.6	(87.7 - 99.6)	34	81.0	(66.7 - 90.0)	29	29	100.0	(88.3 - 100.0)	21	72.4	(54.3 - 85.3)
Pacific Islander	3	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	6	*	*	*	*	*	*	5	*	*	*	*	*	*
White	733	701	95.6	(93.9 - 96.9)	601	82.0	(79.0 - 84.6)	507	487	96.1	(94.0 - 97.4)	388	76.5	(72.6 - 80.0)
Hispanic	494	478	96.8	(94.8 - 98.0)	328	66.4	(62.1 - 70.4)	355	332	93.5	(90.5 - 95.6)	227	63.9	(58.8 - 68.8)
Missing	37	*	*	*	*	*	*	20	*	*	*	*	*	*
<b>SAN MATEO</b>	<b>2,408</b>	<b>2,308</b>	<b>95.8</b>	<b>(95.0 - 96.6)</b>	<b>1,858</b>	<b>77.2</b>	<b>(75.4 - 78.8)</b>	<b>5,955</b>	<b>5,760</b>	<b>96.7</b>	<b>(96.2 - 97.1)</b>	<b>4,652</b>	<b>78.1</b>	<b>(77.1 - 79.2)</b>
African American	43	37	86.0	(72.7 - 93.4)	25	58.1	(43.3 - 71.6)	93	88	94.6	(88.0 - 97.7)	66	71.0	(61.1 - 79.2)
American Indian	3	*	*	*	*	*	*	6	*	*	*	*	*	*
Asian	584	567	97.1	(95.4 - 98.2)	434	74.3	(70.6 - 77.7)	1,321	1,286	97.4	(96.3 - 98.1)	977	74.0	(71.5 - 76.3)
Multiple Race	170	161	94.7	(90.2 - 97.2)	127	74.7	(67.7 - 80.6)	357	341	95.5	(92.8 - 97.2)	292	81.8	(77.5 - 85.5)
Pacific Islander	12	10	83.3	(55.2 - 95.3)	*	*	*	30	28	93.3	(78.7 - 98.2)	19	63.3	(45.5 - 78.1)
Other	46	40	87.0	(74.3 - 93.9)	32	69.6	(55.2 - 80.9)	129	118	91.5	(85.4 - 95.2)	84	65.1	(56.6 - 72.8)
White	604	580	96.0	(94.2 - 97.3)	514	85.1	(82.0 - 87.7)	1,748	1,693	96.9	(95.9 - 97.6)	1,465	83.8	(82.0 - 85.5)
Hispanic	889	861	96.9	(95.5 - 97.8)	675	75.9	(73.0 - 78.6)	2,143	2,077	96.9	(96.1 - 97.6)	1,651	77.0	(75.2 - 78.8)
Missing	57	*	*	*	*	*	*	128	*	*	*	*	*	*
<b>SANTA BARBARA</b>	<b>2,299</b>	<b>2,156</b>	<b>93.8</b>	<b>(92.7 - 94.7)</b>	<b>1,443</b>	<b>62.8</b>	<b>(60.8 - 64.7)</b>	<b>2,908</b>	<b>2,790</b>	<b>95.9</b>	<b>(95.2 - 96.6)</b>	<b>1,669</b>	<b>57.4</b>	<b>(55.6 - 59.2)</b>
African American	21	19	90.5	(71.1 - 97.3)	12	57.1	(36.5 - 75.5)	28	26	92.9	(77.4 - 98.0)	16	57.1	(39.1 - 73.5)
American Indian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	58	54	93.1	(83.6 - 97.3)	32	55.2	(42.5 - 67.3)	74	70	94.6	(86.9 - 97.9)	45	60.8	(49.4 - 71.1)
Multiple Race	36	34	94.4	(81.9 - 98.5)	24	66.7	(60.3 - 79.8)	40	36	90.0	(76.9 - 96.0)	30	75.0	(59.8 - 85.8)
Pacific Islander	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Other	14	14	100.0	(78.5 - 100.0)	*	*	*	10	10	100.0	(72.2 - 100.0)	*	*	*
White	587	566	96.4	(94.6 - 97.6)	465	79.2	(75.7 - 82.3)	739	716	96.9	(95.4 - 97.9)	544	73.6	(70.3 - 76.7)
Hispanic	1,475	1,373	93.1	(91.7 - 94.3)	833	56.5	(53.9 - 59.0)	1,887	1,810	95.9	(94.9 - 96.7)	952	50.5	(48.2 - 52.7)
Missing	105	*	*	*	*	*	*	129	*	*	*	*	*	*
<b>SANTA CLARA</b>	<b>3,021</b>	<b>2,837</b>	<b>93.9</b>	<b>(93.0 - 94.7)</b>	<b>2,109</b>	<b>69.8</b>	<b>(68.1 - 71.4)</b>	<b>18,658</b>	<b>17,834</b>	<b>95.6</b>	<b>(95.3 - 95.9)</b>	<b>13,457</b>	<b>72.1</b>	<b>(71.5 - 72.8)</b>
African American	47	39	83.0	(69.9 - 91.1)	29	61.7	(47.4 - 74.2)	330	316	95.8	(93.0 - 97.5)	241	73.0	(68.0 - 77.5)
American Indian	3	*	*	*	*	*	*	20	19	95.0	(76.4 - 99.1)	14	70.0	(48.1 - 85.5)
Asian	951	910	95.7	(94.2 - 96.8)	658	69.2	(66.2 - 72.0)	5,868	5,669	96.6	(96.1 - 97.0)	4,110	70.0	(68.9 - 71.2)
Multiple Race	197	188	95.4	(91.5 - 97.6)	155	78.7	(72.4 - 83.8)	919	887	96.5	(95.1 - 97.5)	694	75.5	(72.6 - 78.2)
Pacific Islander	4	*	*	*	*	*	*	29	22	75.9	(57.9 - 87.8)	18	62.1	(44.0 - 77.3)
Other	28	24	85.7	(68.5 - 94.3)	23	82.1	(64.4 - 92.1)	254	241	94.9	(91.4 - 97.0)	187	73.6	(67.9 - 78.7)
White	630	610	96.8	(95.1 - 97.9)	506	80.3	(77.0 - 83.2)	3,700	3,527	95.3	(94.6 - 96.0)	2,915	78.8	(77.4 - 80.1)
Hispanic	1,105	1,011	91.5	(89.7 - 93.0)	699	63.3	(60.4 - 66.0)	7,103	6,741	94.9	(94.4 - 95.4)	4,996	70.3	(69.3 - 71.4)
Missing	56	*	*	*	*	*	*	435	*	*	*	*	*	*
<b>SANTA CRUZ</b>	<b>1,361</b>	<b>1,325</b>	<b>97.4</b>	<b>(96.4 - 98.1)</b>	<b>1,092</b>	<b>80.2</b>	<b>(78.0 - 82.3)</b>	<b>1,541</b>	<b>1,497</b>	<b>97.1</b>	<b>(96.2 - 97.9)</b>	<b>1,118</b>	<b>72.6</b>	<b>(70.3 - 74.7)</b>
African American	7	*	*	*	*	*	*	7	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	18	18	100.0	(82.4 - 100.0)	14	77.8	(54.8 - 91.0)	34	33	97.1	(85.1 - 99.5)	28	82.4	(66.5 - 91.7)
Multiple Race	40	40	100.0	(91.2 - 100.0)	40	100.0	(91.2 - 100.0)	41	40	97.6	(87.4 - 99.6)	32	78.0	(63.3 - 88.0)
Pacific Islander	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Other	8	*	*	*	*	*	*	11	11	100.0	(74.1 - 100.0)	*	*	*
White	511	502	98.2	(96.7 - 99.1)	479	93.7	(91.3 - 95.5)	431	424	98.4	(96.7 - 99.2)	380	88.2	(84.8 - 90.9)
Hispanic	733	708	96.6	(95.0 - 97.7)	508	69.3	(65.9 - 72.5)	982	947	96.4	(95.1 - 97.4)	631	64.3	(61.2 - 67.2)
Missing	42	*	*	*	*	*	*	33	*	*	*	*	*	*

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*NBS FORM VERSION ( D ) Revised 12/2008*

	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>SHASTA</b>	644	607	94.3	(92.2 - 95.8)	551	85.6	(82.6 - 88.1)	1,064	999	93.9	(92.3 - 95.2)	912	85.7	(83.5 - 87.7)
African American	5	*	*	*	*	*	*	16	14	87.5	(64.0 - 96.5)	12	75.0	(50.5 - 89.8)
American Indian	12	10	83.3	(55.2 - 95.3)	*	*	*	15	14	93.3	(70.2 - 98.8)	13	86.7	(62.1 - 96.3)
Asian	12	11	91.7	(64.6 - 98.5)	10	83.3	(55.2 - 95.3)	23	17	73.9	(53.5 - 87.5)	11	47.8	(29.2 - 67.0)
Multiple Race	29	28	96.6	(82.8 - 99.4)	24	82.8	(65.5 - 92.4)	49	40	81.6	(68.6 - 90.0)	38	77.6	(64.1 - 87.0)
Pacific Islander		*	*	*	*	*	*	1	*	*	*	*	*	*
Other	2	*	*	*	*	*	*	5	*	*	*	*	*	*
White	513	487	94.9	(92.7 - 96.5)	454	88.5	(85.4 - 91.0)	824	782	94.9	(93.2 - 96.2)	731	88.7	(86.4 - 90.7)
Hispanic	62	57	91.9	(82.5 - 96.5)	42	67.7	(55.4 - 78.0)	114	110	96.5	(91.3 - 98.6)	86	75.4	(66.8 - 82.4)
Missing	9	*	*	*	*	*	*	17	*	*	*	*	*	*
<b>SIERRA</b>	15	14	93.3	(70.2 - 98.8)	10	66.7	(41.7 - 84.8)	1	*	*	*	*	*	*
African American		*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian		*	*	*	*	*	*	*	*	*	*	*	*	*
Asian		*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	12	11	91.7	(64.6 - 98.5)	10	83.3	(55.2 - 95.3)	1	*	*	*	*	*	*
Hispanic	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Missing		*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SISKIYOU</b>	203	181	89.2	(84.1 - 92.7)	157	77.3	(71.1 - 82.6)	79	73	92.4	(84.4 - 96.5)	60	75.9	(65.5 - 84.0)
African American	1	*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	7	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	21	18	85.7	(65.4 - 95.0)	17	81.0	(60.0 - 92.3)	9	*	*	*	*	*	*
Pacific Islander	1	*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	145	134	92.4	(86.9 - 95.7)	115	79.3	(72.0 - 85.1)	53	50	94.3	(84.6 - 98.1)	40	75.5	(62.4 - 85.1)
Hispanic	25	23	92.0	(75.0 - 97.8)	19	76.0	(56.6 - 88.5)	9	*	*	*	*	*	*
Missing	2	*	*	*	*	*	*	5	*	*	*	*	*	*
<b>SOLANO</b>	1,547	1,377	89.0	(87.4 - 90.5)	980	63.3	(60.9 - 65.7)	2,676	2,427	90.7	(89.5 - 91.7)	1,643	61.4	(59.5 - 63.2)
African American	210	161	76.7	(70.5 - 81.9)	101	48.1	(41.4 - 54.8)	392	318	81.1	(77.0 - 84.7)	198	50.5	(45.6 - 55.4)
American Indian	5	*	*	*	*	*	*	6	*	*	*	*	*	*
Asian	183	170	92.9	(88.2 - 95.8)	108	59.0	(51.8 - 65.9)	307	291	94.8	(91.7 - 96.8)	191	62.2	(56.7 - 67.5)
Multiple Race	112	99	88.4	(81.1 - 93.1)	82	73.2	(64.3 - 80.5)	158	150	94.9	(90.3 - 97.4)	106	67.1	(59.4 - 73.9)
Pacific Islander	8	*	*	*	*	*	*	13	12	92.3	(66.7 - 98.6)	*	*	*
Other	18	17	94.4	(74.2 - 99.0)	*	*	*	31	29	93.5	(79.3 - 98.2)	21	67.7	(50.1 - 81.4)
White	455	416	91.4	(88.5 - 93.7)	345	75.8	(71.7 - 79.5)	769	697	90.6	(88.4 - 92.5)	540	70.2	(66.9 - 73.3)
Hispanic	512	464	90.6	(87.8 - 92.9)	298	58.2	(53.9 - 62.4)	929	857	92.2	(90.4 - 93.8)	529	56.9	(53.7 - 60.1)
Missing	44	*	*	*	*	*	*	71	*	*	*	*	*	*
<b>SONOMA</b>	1,659	1,600	96.4	(95.4 - 97.2)	1,335	80.5	(78.5 - 82.3)	3,171	3,066	96.7	(96.0 - 97.3)	2,407	75.9	(74.4 - 77.4)
African American	14	12	85.7	(60.1 - 96.0)	*	*	*	34	34	100.0	(89.8 - 100.0)	28	82.4	(66.5 - 91.7)
American Indian	4	*	*	*	*	*	*	9	*	*	*	*	*	*
Asian	43	40	93.0	(81.4 - 97.6)	32	74.4	(59.8 - 85.1)	117	110	94.0	(88.2 - 97.1)	80	68.4	(59.5 - 76.1)
Multiple Race	75	71	94.7	(87.1 - 97.9)	60	80.0	(69.6 - 87.5)	119	116	97.5	(92.8 - 99.1)	85	71.4	(62.7 - 78.8)
Pacific Islander	1	*	*	*	*	*	*	3	*	*	*	*	*	*
Other	11	11	100.0	(74.1 - 100.0)	*	*	*	14	13	92.9	(68.5 - 98.7)	*	*	*
White	699	668	95.6	(93.8 - 96.9)	573	82.0	(79.0 - 84.6)	1,471	1,421	96.6	(95.5 - 97.4)	1,184	80.5	(78.4 - 82.4)
Hispanic	767	750	97.8	(96.5 - 98.6)	620	80.8	(77.9 - 83.5)	1,335	1,300	97.4	(96.4 - 98.1)	966	72.4	(69.9 - 74.7)
Missing	45	*	*	*	*	*	*	69	*	*	*	*	*	*

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	TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING		
		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper		Number	Percent	95% CI Lower Upper	Number	Percent	95% CI Lower Upper
<b>STANISLAUS</b>	<b>1,273</b>	<b>1,119</b>	<b>87.9</b>	<b>(86.0 - 89.6)</b>	<b>749</b>	<b>58.8</b>	<b>(56.1 - 61.5)</b>	<b>5,572</b>	<b>4,687</b>	<b>84.1</b>	<b>(83.1 - 85.1)</b>	<b>2,943</b>	<b>52.8</b>	<b>(51.5 - 54.1)</b>
African American	19	13	68.4	(46.0 - 84.6)	*	*	*	101	75	74.3	(65.0 - 81.8)	42	41.6	(32.5 - 51.3)
American Indian	3	*	*	*	*	*	*	7	*	*	*	*	*	*
Asian	50	40	80.0	(67.0 - 88.8)	19	38.0	(25.9 - 51.8)	210	177	84.3	(78.8 - 88.6)	104	49.5	(42.8 - 56.2)
Multiple Race	46	43	93.5	(82.5 - 97.8)	30	65.2	(60.8 - 77.3)	153	130	85.0	(78.5 - 89.8)	92	60.1	(52.2 - 67.5)
Pacific Islander	2	*	*	*	*	*	*	7	*	*	*	*	*	*
Other	16	13	81.3	(57.0 - 93.4)	*	*	*	71	61	85.9	(76.0 - 92.2)	28	39.4	(28.9 - 51.1)
White	505	458	90.7	(87.8 - 92.9)	367	72.7	(68.6 - 76.4)	1,802	1,494	82.9	(81.1 - 84.6)	1,155	64.1	(61.9 - 66.3)
Hispanic	604	525	86.9	(84.0 - 89.4)	297	49.2	(45.2 - 53.2)	3,084	2,620	85.0	(83.6 - 86.2)	1,438	46.6	(44.9 - 48.4)
Missing	28	*	*	*	*	*	*	137	*	*	*	*	*	*
<b>SUTTER</b>	<b>323</b>	<b>269</b>	<b>83.3</b>	<b>(78.8 - 87.0)</b>	<b>139</b>	<b>43.0</b>	<b>(37.7 - 48.5)</b>	<b>949</b>	<b>795</b>	<b>83.8</b>	<b>(81.3 - 86.0)</b>	<b>381</b>	<b>40.1</b>	<b>(37.1 - 43.3)</b>
African American	4	*	*	*	*	*	*	14	14	100.0	(78.5 - 100.0)	*	*	*
American Indian	4	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	27	20	74.1	(55.3 - 86.8)	*	*	*	99	75	75.8	(66.5 - 83.1)	19	19.2	(12.6 - 28.0)
Multiple Race	11	11	100.0	(74.1 - 100.0)	*	*	*	34	25	73.5	(56.9 - 85.4)	13	38.2	(23.9 - 55.0)
Pacific Islander		*	*	*	*	*	*	1	*	*	*	*	*	*
Other	8	*	*	*	*	*	*	38	31	81.6	(66.6 - 90.8)	*	*	*
White	136	118	86.8	(80.0 - 91.5)	78	57.4	(49.0 - 65.4)	388	339	87.4	(83.7 - 90.3)	221	57.0	(52.0 - 61.8)
Hispanic	125	103	82.4	(74.8 - 88.1)	37	29.6	(22.3 - 38.1)	354	294	83.1	(78.8 - 86.6)	98	27.7	(23.3 - 32.6)
Missing	8	*	*	*	*	*	*	18	*	*	*	*	*	*
<b>TEHAMA</b>	<b>319</b>	<b>287</b>	<b>90.0</b>	<b>(86.2 - 92.8)</b>	<b>197</b>	<b>61.8</b>	<b>(56.3 - 66.9)</b>	<b>388</b>	<b>350</b>	<b>90.2</b>	<b>(86.8 - 92.8)</b>	<b>241</b>	<b>62.1</b>	<b>(57.2 - 66.8)</b>
African American		*	*	*	*	*	*	1	*	*	*	*	*	*
American Indian		*	*	*	*	*	*	5	*	*	*	*	*	*
Asian		*	*	*	*	*	*	1	*	*	*	*	*	*
Multiple Race	8	*	*	*	*	*	*	11	10	90.9	(62.3 - 98.4)	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	2	*	*	*	*	*	*
White	197	174	88.3	(83.1 - 92.1)	140	71.1	(64.4 - 76.9)	200	178	89.0	(83.9 - 92.6)	148	74.0	(67.5 - 79.6)
Hispanic	106	100	94.3	(88.2 - 97.4)	49	46.2	(37.0 - 55.7)	158	147	93.0	(88.0 - 96.1)	80	50.6	(42.9 - 58.3)
Missing	8	*	*	*	*	*	*	10	*	*	*	*	*	*
<b>TRINITY</b>	<b>38</b>	<b>36</b>	<b>94.7</b>	<b>(82.7 - 98.5)</b>	<b>32</b>	<b>84.2</b>	<b>(69.6 - 92.6)</b>	<b>50</b>	<b>48</b>	<b>96.0</b>	<b>(86.5 - 98.9)</b>	<b>43</b>	<b>86.0</b>	<b>(73.8 - 93.0)</b>
African American		*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	2	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian		*	*	*	*	*	*	*	*	*	*	*	*	*
Multiple Race	3	*	*	*	*	*	*	1	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	30	29	96.7	(83.3 - 99.4)	26	86.7	(70.3 - 94.7)	41	39	95.1	(83.9 - 98.7)	37	90.2	(77.5 - 96.1)
Hispanic	2	*	*	*	*	*	*	8	*	*	*	*	*	*
Missing	1	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TULARE</b>	<b>1,779</b>	<b>1,310</b>	<b>73.6</b>	<b>(71.5 - 75.6)</b>	<b>432</b>	<b>24.3</b>	<b>(22.3 - 26.3)</b>	<b>5,670</b>	<b>4,614</b>	<b>81.4</b>	<b>(80.3 - 82.4)</b>	<b>1,929</b>	<b>34.0</b>	<b>(32.8 - 35.3)</b>
African American	15	10	66.7	(41.7 - 84.8)	*	*	*	60	33	55.0	(42.5 - 66.9)	14	23.3	(14.4 - 35.4)
American Indian	11	*	*	*	*	*	*	8	*	*	*	*	*	*
Asian	26	20	76.9	(57.9 - 89.0)	*	*	*	129	85	65.9	(57.4 - 73.5)	36	27.9	(20.9 - 36.2)
Multiple Race	17	14	82.4	(59.0 - 93.8)	*	*	*	93	73	78.5	(69.1 - 85.6)	43	46.2	(36.5 - 56.3)
Pacific Islander		*	*	*	*	*	*	3	*	*	*	*	*	*
Other	5	*	*	*	*	*	*	41	28	68.3	(53.0 - 80.4)	12	29.3	(17.6 - 44.5)
White	257	196	76.3	(70.7 - 81.1)	114	44.4	(38.4 - 50.5)	1,130	973	86.1	(84.0 - 88.0)	642	56.8	(53.9 - 59.7)
Hispanic	1,411	1,032	73.1	(70.8 - 75.4)	289	20.5	(18.5 - 22.7)	4,077	3,316	81.3	(80.1 - 82.5)	1,139	27.9	(26.6 - 29.3)
Missing	37	*	*	*	*	*	*	129	*	*	*	*	*	*

**California In-Hospital Breastfeeding as Indicated on the Newborn Screening Test Form  
Statewide and Maternal County of Residence by Type of Newborn Screening Form and Race/Ethnicity: 2009**

Use Form Version (D)

NBS FORM VERSION ( C ) Revised 6/2007

NBS FORM VERSION ( D ) Revised 12/2008

	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			TOTAL	ANY BREASTFEEDING			EXCLUSIVE BREASTFEEDING			
	TOTAL	Number	Percent	95% CI Lower Upper	Number	Percent		95% CI Lower Upper	TOTAL	Number	Percent	95% CI Lower Upper	Number	Percent
<b>TUOLUMNE</b>	<b>255</b>	<b>242</b>	<b>94.9</b>	<b>(91.5 - 97.0)</b>	<b>177</b>	<b>69.4</b>	<b>(63.5 - 74.7)</b>	<b>140</b>	<b>136</b>	<b>97.1</b>	<b>(92.9 - 98.9)</b>	<b>100</b>	<b>71.4</b>	<b>(63.5 - 78.3)</b>
African American		*	*	*	*	*	*	*	*	*	*	*	*	*
American Indian	1	*	*	*	*	*	*	1	*	*	*	*	*	*
Asian		*	*	*	*	*	*	3	*	*	*	*	*	*
Multiple Race	7	*	*	*	*	*	*	5	*	*	*	*	*	*
Pacific Islander		*	*	*	*	*	*	*	*	*	*	*	*	*
Other		*	*	*	*	*	*	*	*	*	*	*	*	*
White	206	194	94.2	(90.1 - 96.6)	146	70.9	(64.3 - 76.7)	110	108	98.2	(93.6 - 99.5)	84	76.4	(67.6 - 83.3)
Hispanic	33	32	97.0	(84.7 - 99.5)	21	63.6	(46.6 - 77.8)	16	16	100.0	(80.6 - 100.0)	*	*	*
Missing	8	*	*	*	*	*	*	5	*	*	*	*	*	*
<b>VENTURA</b>	<b>3,500</b>	<b>3,249</b>	<b>92.8</b>	<b>(91.9 - 93.6)</b>	<b>2,014</b>	<b>57.5</b>	<b>(55.9 - 59.2)</b>	<b>6,431</b>	<b>5,998</b>	<b>93.3</b>	<b>(92.6 - 93.9)</b>	<b>3,585</b>	<b>55.7</b>	<b>(54.5 - 57.0)</b>
African American	22	15	68.2	(47.3 - 83.6)	13	59.1	(38.7 - 76.7)	60	51	85.0	(73.9 - 91.9)	24	40.0	(28.6 - 52.6)
American Indian	1	*	*	*	*	*	*	3	*	*	*	*	*	*
Asian	173	163	94.2	(89.7 - 96.8)	94	54.3	(46.9 - 61.6)	292	280	95.9	(93.0 - 97.6)	131	44.9	(39.3 - 50.6)
Multiple Race	101	98	97.0	(91.6 - 99.0)	63	62.4	(62.6 - 71.2)	143	137	95.8	(91.1 - 98.1)	90	62.9	(54.8 - 70.4)
Pacific Islander	3	*	*	*	*	*	*	3	*	*	*	*	*	*
Other	21	20	95.2	(77.3 - 99.2)	16	76.2	(54.9 - 89.4)	64	63	98.4	(91.7 - 99.7)	46	71.9	(59.9 - 81.4)
White	1,027	962	93.7	(92.0 - 95.0)	699	68.1	(65.1 - 70.8)	1,813	1,683	92.8	(91.5 - 93.9)	1,169	64.5	(62.2 - 66.6)
Hispanic	2,050	1,894	92.4	(91.2 - 93.5)	1,064	51.9	(49.7 - 54.1)	3,904	3,637	93.2	(92.3 - 93.9)	2,031	52.0	(50.5 - 53.6)
Missing	102	*	*	*	*	*	*	149	*	*	*	*	*	*
<b>YOLO</b>	<b>831</b>	<b>765</b>	<b>92.1</b>	<b>(90.0 - 93.7)</b>	<b>624</b>	<b>75.1</b>	<b>(72.0 - 77.9)</b>	<b>1,447</b>	<b>1,353</b>	<b>93.5</b>	<b>(92.1 - 94.7)</b>	<b>1,090</b>	<b>75.3</b>	<b>(73.0 - 77.5)</b>
African American	12	*	*	*	*	*	*	26	22	84.6	(66.5 - 93.8)	16	61.5	(42.5 - 77.6)
American Indian	1	*	*	*	*	*	*	2	*	*	*	*	*	*
Asian	48	42	87.5	(75.3 - 94.1)	37	77.1	(63.5 - 86.7)	143	135	94.4	(89.3 - 97.1)	106	74.1	(66.4 - 80.6)
Multiple Race	26	25	96.2	(81.1 - 99.3)	23	88.5	(71.0 - 96.0)	82	75	91.5	(83.4 - 95.8)	56	68.3	(57.6 - 77.4)
Pacific Islander	1	*	*	*	*	*	*	2	*	*	*	*	*	*
Other	12	11	91.7	(64.6 - 98.5)	11	91.7	(64.6 - 98.5)	31	29	93.5	(79.3 - 98.2)	26	83.9	(67.4 - 92.9)
White	273	253	92.7	(89.0 - 95.2)	217	79.5	(74.3 - 83.9)	566	535	94.5	(92.3 - 96.1)	465	82.2	(78.8 - 85.1)
Hispanic	429	395	92.1	(89.1 - 94.3)	307	71.6	(67.1 - 75.6)	551	514	93.3	(90.9 - 95.1)	382	69.3	(65.4 - 73.0)
Missing	29	*	*	*	*	*	*	44	*	*	*	*	*	*
<b>YUBA</b>	<b>315</b>	<b>258</b>	<b>81.9</b>	<b>(77.3 - 85.8)</b>	<b>159</b>	<b>50.5</b>	<b>(45.0 - 56.0)</b>	<b>755</b>	<b>660</b>	<b>87.4</b>	<b>(84.9 - 89.6)</b>	<b>386</b>	<b>51.1</b>	<b>(47.6 - 54.7)</b>
African American	6	*	*	*	*	*	*	17	13	76.5	(52.7 - 90.4)	*	*	*
American Indian		*	*	*	*	*	*	1	*	*	*	*	*	*
Asian	13	*	*	*	*	*	*	41	28	68.3	(53.0 - 80.4)	11	26.8	(15.7 - 41.9)
Multiple Race	16	10	62.5	(38.6 - 81.5)	*	*	*	39	35	89.7	(76.4 - 95.9)	17	43.6	(29.3 - 59.0)
Pacific Islander		*	*	*	*	*	*	3	*	*	*	*	*	*
Other	12	*	*	*	*	*	*	15	*	*	*	*	*	*
White	163	142	87.1	(81.1 - 91.4)	99	60.7	(53.1 - 67.9)	404	358	88.6	(85.1 - 91.4)	253	62.6	(57.8 - 67.2)
Hispanic	102	89	87.3	(79.4 - 92.4)	46	45.1	(35.8 - 54.8)	211	195	92.4	(88.0 - 95.3)	84	39.8	(33.4 - 46.5)
Missing	3	*	*	*	*	*	*	24	*	*	*	*	*	*

Data Source: California Department of Public Health, Center for Family Health, Genetic Disease Screening Program, Newborn Screening Data, 2009

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.

In 2009, two different versions of the Newborn Screening Test Form (Version C and Version D) were used by hospitals.

Because the wording of the infant feeding question was different on each form, 2009 data are shown by type of form.

Note 1 (NBS Form Version C): Analysis limited to cases reported on the Newborn Screening Test Form [Version NBS-I(C) (6/07)], representing approximately 27% of all cases.

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 all that apply from the following five categories to describe 'all nutrition since birth' (per chart review):

(1) Human Milk; (2) Formula; (3) Fortifier; (4) TPN/Hyperal and (5) IV Fluid.

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

The numerator for "Any Breastfeeding" includes records marked 'Human Milk' only or 'Human Milk' and 'Formula'.

The denominator excludes cases with unknown method of feeding and cases coded as 'TPN/Hyperal', 'Fortifier', and/or 'IV Fluid' alone or in combination with 'Human Milk' and/or 'Formu

Statewide approximately 3.0% of cases have missing feeding information and/or coded as 'TPN/Hyperal', 'Fortifier', and/or 'IV Fluid'.

Note 1 (NBS Form Version D): Analysis limited to cases reported on the Newborn Screening Test Form [Version NBS-I(D) (12/08)], representing approximately 73% of all cases.

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 3.0% 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 0.7% 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.