

## 2016 Summary of Diagnostics Among Infants Not Passing Hearing Screening

October 2019

Data Source: 2016 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) ([www.cdc.gov/ncbddd/hearingloss/ehdi-data.html](http://www.cdc.gov/ncbddd/hearingloss/ehdi-data.html))

LFU / LTD: Loss to Follow-up / Loss to Documentation

State / Territory (n = 56)	Total Screened	Total Not Pass	Percent Not Pass	No Hearing Loss	Percent w. No Hearing Loss	Hearing Loss	Percent w. Hearing Loss	Prevalence per 1,000 screened	No Documented Diagnosis: LFU/LTD						
									Parents/ Family Contacted but Unresponsive	Unable to Contact	Unknown	Overall Number LFU/LTD: Due to Contacted but Unresponsive + Unable to Contact + Unknown	Overall Percent LFU/LTD <sup>1</sup> : Due to Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD <sup>2</sup> : Due to + Unable to Contact + Unknown	Percent Unresponsive <sup>3</sup> : Due to Parents/ Family Contacted but Unresponsive
Alabama	49,349	2385	4.8	380	15.9	114	4.8	2.3	0	9	341	350	14.7	14.7	0.0
Alaska	10,699	135	1.3	61	45.2	19	14.1	1.8	23	1	14	38	28.1	11.1	17.0
American Samoa	1,002	88	8.8	21	23.9	2	2.3	2.0	19	27	0	46	52.3	30.7	21.6
Arizona	84,555	865	1.0	267	30.9	203	23.5	2.4	72	40	200	312	36.1	27.7	8.3
Arkansas	36,379	429	1.2	39	9.1	43	10.0	1.2	140	83	26	249	58.0	25.4	32.6
California	479,435	2872	0.6	1037	36.1	1023	35.6	2.1	0	104	71	175	6.1	6.1	0.0
Commonwealth of the Northern Mariana Islands	1,199	32	2.7	1	3.1	2	6.3	1.7	0	4	0	4	12.5	12.5	0.0
Connecticut	37,136	480	1.3	317	66.0	82	17.1	2.2	0	0	65	65	13.5	13.5	0.0
Delaware	11,067	162	1.5	26	16.0	17	10.5	1.5	119	0	0	119	73.5	0.0	73.5
District of Columbia	13,078	601	4.6	44	7.3	9	1.5	0.7	0	12	525	537	89.4	89.4	0.0
Florida	218,376	9341	4.3	8048	86.2	287	3.1	1.3	233	295	149	677	7.2	4.8	2.5
Georgia	126,383	1541	1.2	608	39.5	217	14.1	1.7	231	98	217	546	35.4	20.4	15.0
Guam	2,983	77	2.6	9	11.7	3	3.9	1.0	30	1	0	31	40.3	1.3	39.0
Hawaii	17,841	165	0.9	55	33.3	71	43.0	4.0	10	6	3	19	11.5	5.5	6.1
Idaho	21,844	476	2.2	268	56.3	31	6.5	1.4	77	60	15	152	31.9	15.8	16.2
Illinois	148,242	1648	1.1	674	40.9	304	18.4	2.1	160	118	284	562	34.1	24.4	9.7
Indiana	77,707	2869	3.7	2052	71.5	119	4.1	1.5	226	81	85	392	13.7	5.8	7.9
Iowa	38,557	498	1.3	228	45.8	73	14.7	1.9	66	5	0	71	14.3	1.0	13.3
Kansas	38,902	797	2.0	609	76.4	69	8.7	1.8	44	13	5	62	7.8	2.3	5.5
Kentucky	52,170	1428	2.7	1042	73.0	99	6.9	1.9	209	9	0	218	15.3	0.6	14.6
Louisiana	62,467	2963	4.7	2071	69.9	90	3.0	1.4	239	52	248	539	18.2	10.1	8.1
Maine	12,192	151	1.2	103	68.2	13	8.6	1.1	18	1	0	19	12.6	0.7	11.9
Marshall Islands	988	30	3.0	11	36.7	11	36.7	11.1	0	0	1	1	3.3	3.3	0.0
Maryland	69,279	1015	1.5	724	71.3	92	9.1	1.3	66	28	0	94	9.3	2.8	6.5
Massachusetts	71,364	1327	1.9	993	74.8	175	13.2	2.5	12	15	18	45	3.4	2.5	0.9
Michigan	110,698	1248	1.1	392	31.4	175	14.0	1.6	230	362	0	592	47.4	29.0	18.4
Micronesia	1,612	88	5.5	0	0.0	1	1.1	0.6	0	0	87	87	98.9	98.9	0.0
Mississippi	36,299	627	1.7	324	51.7	44	7.0	1.2	45	0	0	45	7.2	0.0	7.2
Missouri	74,350	1151	1.5	624	54.2	100	8.7	1.3	318	26	0	344	29.9	2.3	27.6
Montana	12,053	301	2.5	44	14.6	21	7.0	1.7	129	44	33	206	68.4	25.6	42.9
Nebraska	26,949	199	0.7	88	44.2	62	31.2	2.3	22	1	0	23	11.6	0.5	11.1
Nevada	34,645	495	1.4	220	44.4	49	9.9	1.4	38	92	52	182	36.8	29.1	7.7
New Hampshire	11,985	399	3.3	273	68.4	20	5.0	1.7	21	0	56	77	19.3	14.0	5.3
New Jersey	99,788	717	0.7	248	34.6	140	19.5	1.4	190	46	37	273	38.1	11.6	26.5
New Mexico	22,662	372	1.6	183	49.2	43	11.6	1.9	55	0	39	94	25.3	10.5	14.8
New York	228,058	2629	1.2	665	25.3	322	12.2	1.4	8	3	1221	1,232	46.9	46.6	0.3
North Carolina	121,978	912	0.7	222	24.3	217	23.8	1.8	50	164	100	314	34.4	28.9	5.5
North Dakota	12,853	314	2.4	62	19.7	13	4.1	1.0	98	30	21	149	47.5	16.2	31.2
Ohio	135,504	3857	2.8	2502	64.9	202	5.2	1.5	723	76	102	901	23.4	4.6	18.7
Oklahoma	50,700	732	1.4	0	0.0	102	13.9	2.0	20	0	360	380	51.9	49.2	2.7
Oregon	44,945	1289	2.9	999	77.5	111	8.6	2.5	53	32	25	110	8.5	4.4	4.1
Palau	212	0	0.0	0	0.0	0	0.0	0.0	0	0	0	0	0.0	0.0	0.0

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									Parents/ Family Contacted but Unresponsive	Unable to Contact	Unknown	Overall Number LFU/LTD: Due to Contacted but Unresponsive + Unable to Contact + Unknown	Overall Percent LFU/LTD <sup>1</sup> : Due to Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD <sup>2</sup> : Due to + Unable to Contact + Unknown	Percent Unresponsive <sup>3</sup> : Due to Parents/ Family Contacted but Unresponsive
Pennsylvania*	132,996	1166	0.9	517	44.3	165	14.2	1.2	228	52	124	404	34.6	15.1	19.6
Puerto Rico*	26,742	758	2.8	407	53.7	27	3.6	1.0	64	175	55	294	38.8	30.3	8.4
Rhode Island*	10,478	306	2.9	137	0.0	38	0.0	3.6	49	19	0	68	0.0	0.0	0.0
South Carolina	52,427	950	1.8	336	35.4	113	11.9	2.2	55	34	314	403	42.4	36.6	5.8
South Dakota	12,719	254	2.0	22	8.7	30	11.8	2.4	4	29	141	174	68.5	66.9	1.6
Tennessee*	85,440	4316	5.1	3315	76.8	136	3.2	1.6	0	144	489	633	14.7	14.7	0.0
Texas	391,173	5479	1.4	1348	24.6	437	8.0	1.1	0	110	2754	2,864	52.3	52.3	0.0
Utah*	51,109	449	0.9	250	55.7	105	23.4	2.1	56	9	0	65	14.5	2.0	12.5
Vermont*	5,529	21	0.4	10	47.6	8	38.1	1.4	0	0	0	0	0.0	0.0	0.0
Virginia	99,477	1383	1.4	752	54.4	152	11.0	1.5	28	18	342	388	28.1	26.0	2.0
Washington*	87,988	1061	1.2	431	40.6	187	17.6	2.1	172	139	0	311	29.3	13.1	16.2
West Virginia**	19,331	624	3.2	96	15.4	4	0.6	0.2	0	0	520	520	83.3	83.3	0.0
Wisconsin*	65,310	639	1.0	323	50.5	125	19.6	1.9	56	8	0	64	10.0	1.3	8.8
Wyoming*	6,580	45	0.7	20	44.4	20	44.4	3.0	2	0	0	2	4.4	0.0	4.4
<b>Totals</b>	<b>3,755,784</b>	<b>65,156</b>	<b>1.7</b>	<b>34,498</b>	<b>52.9</b>	<b>6,337</b>	<b>9.7</b>	<b>1.7</b>	<b>4,708</b>	<b>2,675</b>	<b>9,139</b>	<b>16,522</b>	<b>25.4</b>	<b>18.1</b>	<b>7.2</b>

**Notes:**

\*Jurisdiction reported using revised "Parents/Family Contacted but Unresponsive" definition.

\*\*Data reported may be incomplete.

**Formulas:**

Percent Not Pass: (# Total Not Pass / # Total Screened) \* 100

Percent w. No Hearing Loss: (# No Hearing Loss / # Total Not Pass) \* 100

Percent with Hearing Loss: (# Hearing Loss / # Total Not Pass) \* 100

Prevalence per 1,000 screened: (# Hearing Loss / # Total Screened) \* 1,000

Overall Percent LFU / LTD<sup>1</sup>: ((# Contacted but Unresponsive + # Unable to Contact + # Unknown) / # Total Not Pass) \* 100

Percent LFU / LTD<sup>2</sup>: ((# Unable to Contact + # Unknown) / # Total Not Pass) \* 100

Percent Unresponsive<sup>3</sup>: (# Contacted but Unresponsive / # Total Not Pass) \* 100