

2018 Summary of Diagnostics Among Infants Not Passing Hearing Screening

May 2020

Data Source: 2018 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) (www.cdc.gov/ncbddd/hearingloss/ehdi-data.html)

State / Territory (n = 57)	Total Screened	Total Not Pass	Percent Not Pass ^a	No Hearing Loss	Percent w. No Hearing Loss ^b	Hearing Loss	Percent w. Hearing Loss ^b	Prevalence per 1,000 screened ^c	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 ^d : Due to Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD ^e : Due to Unable to Contact + Unknown	Percent Unresponsive ^g : Due to Parents/ Family Contacted but Unresponsive
Alabama ^a	55,362	1,955	3.5	1,608	82.3	105	5.4	1.9	0	5	179	184	9.4	9.4	0.0
Alaska ^a	9,652	124	1.3	52	41.9	17	13.7	1.8	32	0	3	35	28.2	2.4	25.8
American Samoa ^a	911	10	1.1	0	0.0	2	20.0	2.2	5	1	0	6	60.0	10.0	50.0
Arizona ^a	81,130	713	0.9	280	39.3	183	25.7	2.3	94	34	9	137	19.2	6.0	13.2
Arkansas ^a	35,092	713	2.0	75	10.5	76	10.7	2.2	24	345	25	394	55.3	51.9	3.4
California ^a	446,402	2,861	0.6	1,138	39.8	962	33.6	2.2	68	135	17	220	7.7	5.3	2.4
Commonwealth of the Northern Mariana Islands ^a	1,257	62	4.9	4	6.5	4	6.5	3.2	0	0	1	1	1.6	1.6	0.0
Connecticut	35,889	449	1.3	332	73.9	86	19.2	2.4	0	0	21	21	4.7	4.7	0.0
Delaware ^a	9,819	83	0.8	2	2.4	14	16.9	1.4	16	12	34	62	74.7	55.4	19.3
District of Columbia	13,134	393	3.0	22	5.6	16	4.1	1.2	0	3	347	350	89.1	89.1	0.0
Florida ^a	211,696	8,563	4.0	6,940	81.0	259	3.0	1.2	20	935	120	1,075	12.6	12.3	0.2
Georgia ^a	123,960	2,207	1.8	505	22.9	206	9.3	1.7	221	98	1,002	1,321	59.9	49.8	10.0
Guam ^a	2,807	59	2.1	12	20.3	5	8.5	1.8	5	0	0	5	8.5	0.0	8.5
Hawaii ^a	16,753	191	1.1	64	33.5	76	39.8	4.5	17	8	7	32	16.8	7.9	8.9
Idaho ^a	20,509	743	3.6	545	73.4	36	4.8	1.8	112	33	1	146	19.7	4.6	15.1
Illinois ^a	139,228	1,678	1.2	867	51.7	295	17.6	2.1	84	37	0	121	7.2	2.2	5.0
Indiana ^a	77,809	3,161	4.1	2,302	72.8	193	6.1	2.5	256	40	38	334	10.6	2.5	8.1
Iowa ^a	37,062	536	1.4	301	56.2	86	16.0	2.3	47	24	0	71	13.2	4.5	8.8
Kansas ^a	37,388	560	1.5	383	68.4	66	11.8	1.8	20	5	10	35	6.3	2.7	3.6
Kentucky ^a	50,706	916	1.8	559	61.0	50	5.5	1.0	69	7	127	203	22.2	14.6	7.5
Louisiana	58,772	1,129	1.9	678	60.1	64	5.7	1.1	0	0	345	345	30.6	30.6	0.0
Maine ^a	11,735	199	1.7	114	57.3	23	11.6	2.0	30	1	0	31	15.6	0.5	15.1
Marshall Islands ^a	944	20	2.1	5	25.0	5	25.0	5.3	0	1	0	1	5.0	5.0	0.0
Maryland ^a	67,598	946	1.4	635	67.1	66	7.0	1.0	115	33	0	148	15.6	3.5	12.2
Massachusetts ^a	69,221	1,382	2.0	1,003	72.6	184	13.3	2.7	13	9	41	63	4.6	3.6	0.9
Michigan ^a	107,149	1,204	1.1	349	29.0	154	12.8	1.4	229	310	54	593	49.3	30.2	19.0
Micronesia ^a	1,485	67	4.5	0	0.0	0	0.0	0.0	5	0	31	36	53.7	46.3	7.5
Minnesota	65,755	809	1.2	347	42.9	153	18.9	2.3	148	17	1	166	20.5	2.2	18.3
Mississippi ^a	35,835	1,001	2.8	296	29.6	67	6.7	1.9	415	203	0	618	61.7	20.3	41.5
Missouri	72,650	1,090	1.5	642	58.9	95	8.7	1.3	261	2	0	263	24.1	0.2	23.9
Montana ^a	11,273	198	1.8	28	14.1	12	6.1	1.1	130	0	16	146	73.7	8.1	65.7
Nebraska ^a	25,746	182	0.7	76	41.8	59	32.4	2.3	16	0	0	16	8.8	0.0	8.8
Nevada ^a	34,570	497	1.4	185	37.2	57	11.5	1.6	37	134	61	232	46.7	39.2	7.4
New Hampshire ^a	11,706	391	3.3	278	71.1	17	4.3	1.5	45	0	20	65	16.6	5.1	11.5
New Jersey ^a	98,126	752	0.8	258	34.3	112	14.9	1.1	0	120	65	185	24.6	24.6	0.0
New Mexico ^a	20,943	443	2.1	198	44.7	36	8.1	1.7	87	6	55	148	33.4	13.8	19.6
New York	221,306	2,502	1.1	575	23.0	375	15.0	1.7	0	0	1,333	1,333	53.3	53.3	0.0
North Carolina ^a	119,980	843	0.7	242	28.7	226	26.8	1.9	45	152	16	213	25.3	19.9	5.3
North Dakota	12,138	295	2.4	53	18.0	23	7.8	1.9	86	71	3	160	54.2	25.1	29.2
Ohio	132,213	4,380	3.3	2,872	65.6	278	6.3	2.1	791	99	33	923	21.1	3.0	18.1
Oklahoma ^a	47,741	687	1.4	0	0.0	71	10.3	1.5	40	274	15	329	47.9	42.1	5.8
Oregon ^a	42,052	1,200	2.9	944	78.7	103	8.6	2.4	51	12	12	75	6.3	2.0	4.3
Palau	253	0	0.0	0	n/a	0	n/a	0.0	0	0	0	0	n/a	n/a	n/a

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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 ^g : Due to Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD ^h : Due to Unable to Contact + Unknown	Percent Unresponsive ^{§§} : Due to Parents/ Family Contacted but Unresponsive
Pennsylvania [^]	131,874	1,109	0.8	669	60.3	193	17.4	1.5	107	71	0	178	16.1	6.4	9.6
Puerto Rico [^]	21,118	666	3.2	357	53.6	22	3.3	1.0	134	61	67	262	39.3	19.2	20.1
Rhode Island [^]	10,985	309	2.8	172	55.7	43	13.9	3.9	53	2	2	57	18.4	1.3	17.2
South Carolina	51,834	721	1.4	247	34.3	101	14.0	1.9	150	24	181	355	49.2	28.4	20.8
South Dakota	12,123	245	2.0	43	17.6	15	6.1	1.2	4	1	143	148	60.4	58.8	1.6
Tennessee [^]	85,652	2,302	2.7	1,300	56.5	122	5.3	1.4	647	20	0	667	29.0	0.9	28.1
Texas [^]	371,789	4,429	1.2	1,441	32.5	450	10.2	1.2	23	41	2,033	2,097	47.3	46.8	0.5
Utah [^]	47,769	559	1.2	392	70.1	87	15.6	1.8	31	12	0	43	7.7	2.1	5.5
Vermont [^]	5,267	23	0.4	13	56.5	10	43.5	1.9	0	0	0	0	0.0	0.0	0.0
Virginia [^]	97,217	1,488	1.5	784	52.7	145	9.7	1.5	206	72	33	311	20.9	7.1	13.8
Washington [^]	83,364	1,029	1.2	453	44.0	174	16.9	2.1	158	102	0	260	25.3	9.9	15.4
West Virginia [^]	18,239	490	2.7	232	47.3	14	2.9	0.8	6	202	23	231	47.1	45.9	1.2
Wisconsin [^]	62,887	658	1.0	315	47.9	122	18.5	1.9	76	54	0	130	19.8	8.2	11.6
Wyoming [^]	5,901	36	0.6	15	41.7	17	47.2	2.9	0	0	0	0	0.0	0.0	0.0
Totals	3,681,776	60,258	1.6	32,202	53.4	6,432	10.7	1.7	5,229	3,828	6,524	15,581	25.9	17.2	8.7

^fPrevalence per 1,000 screened: (# Hearing Loss / # Total Screened) * 1,000

^gOverall Percent LFU / LTD: ((# Contacted but Unresponsive + # Unable to Contact + # Unknown) / # Total Not Pass) * 100

^hPercent LFU / LTD: ((# Unable to Contact + # Unknown) / # Total Not Pass) * 100

^{§§}Percent Unresponsive: (# Contacted but Unresponsive / # Total Not Pass) * 100

[^]Jurisdiction reported using revised "Parents/Family Contacted but Unresponsive" definition. Refer to 2018 Hearing Screening and Follow-up Survey Explanations document pages 6-7 for both "old" and "revised" Unresponsive definitions.

[†]There are infants diagnosed with no hearing loss. However they are not captured in the HSFS under the Diagnostic Data section.

[‡]All 67 infants did receive a diagnostic evaluation, however audiologist did not report diagnostic results for those infants to the EHDI program.

[§]Data reported may be incomplete.