

2017 Summary of Diagnostics Among Infants Not Passing Hearing Screening

July 2019

Data Source: 2017 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 ^d	No Hearing Loss	Percent w. No Hearing Loss ^e	Hearing Loss	Percent w. Hearing Loss ^f	Prevalence per 1,000 screened ^g	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 ^h : Due to + Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD ⁱ : Due to + Unable to Contact + Unknown	Percent Unresponsive ⁵⁵ : Due to Parents/ Family Contacted but Unresponsive
Alabama ^a	53,998	2,177	4.0	1,770	81.3	89	4.1	1.6	0	6	298	304	14.0	14.0	0.0
Alaska ^a	9,958	120	1.2	62	51.7	8	6.7	0.8	31	1	3	35	29.2	3.3	25.8
American Samoa ^a	987	98	9.9	30	30.6	1	1.0	1.0	24	19	12	55	56.1	31.6	24.5
Arizona ^a	82,094	866	1.1	342	39.5	178	20.6	2.2	61	24	156	241	27.8	20.8	7.0
Arkansas ^a	35,588	592	1.7	55	9.3	64	10.8	1.8	245	115	26	386	65.2	23.8	41.4
California ^a	462,417	2,912	0.6	1,094	37.6	1,011	34.7	2.2	22	134	0	156	5.4	4.6	0.8
Commonwealth of the Northern Mariana Islands ^a	1,195	43	3.6	2	4.7	3	7.0	2.5	0	2	0	2	4.7	4.7	0.0
Connecticut	36,467	421	1.2	279	66.3	78	18.5	2.1	0	0	55	55	13.1	13.1	0.0
Delaware ^a	10,967	48	0.4	36	75.0	12	25.0	1.1	0	0	0	0	0.0	0.0	0.0
District of Columbia	13,491	540	4.0	46	8.5	11	2.0	0.8	0	5	463	468	86.7	86.7	0.0
Florida ^a	214,109	9,134	4.3	7,615	83.4	288	3.2	1.3	63	279	516	858	9.4	8.7	0.7
Georgia ^a	128,168	1,618	1.3	617	38.1	241	14.9	1.9	296	139	130	565	34.9	16.6	18.3
Guam ^a	2,895	60	2.1	4	6.7	5	8.3	1.7	27	2	0	29	48.3	3.3	45.0
Hawaii ^a	17,205	171	1.0	68	39.8	61	35.7	3.5	14	7	12	33	19.3	11.1	8.2
Idaho ^a	21,929	605	2.8	349	57.7	47	7.8	2.1	130	41	1	172	28.4	6.9	21.5
Illinois	143,911	1,749	1.2	775	44.3	312	17.8	2.2	124	55	0	179	10.2	3.1	7.1
Indiana ^a	76,876	2,817	3.7	2,037	72.3	193	6.9	2.5	233	33	76	342	12.1	3.9	8.3
Iowa ^a	37,794	555	1.5	281	50.6	73	13.2	1.9	62	44	0	106	19.1	7.9	11.2
Kansas ^a	37,603	703	1.9	553	78.7	53	7.5	1.4	42	10	3	55	7.8	1.8	6.0
Kentucky ^a	51,645	1,463	2.8	1,133	77.4	91	6.2	1.8	173	7	0	180	12.3	0.5	11.8
Louisiana	59,867	661	1.1	78	11.8	83	12.6	1.4	309	26	31	366	55.4	8.6	46.7
Maine ^a	11,789	231	2.0	159	68.8	21	9.1	1.8	26	2	0	28	12.1	0.9	11.3
Marshall Islands ^a	884	22	2.5	6	27.3	6	27.3	6.8	0	0	0	0	0.0	0.0	0.0
Maryland	67,586	974	1.4	649	66.6	94	9.7	1.4	98	21	0	119	12.2	2.2	10.1
Massachusetts	70,879	1,212	1.7	877	72.4	148	12.2	2.1	2	8	29	39	3.2	3.1	0.2
Michigan ^a	108,617	1,258	1.2	406	32.3	167	13.3	1.5	251	344	0	595	47.3	27.3	20.0
Micronesia	1,429	108	7.6	108	100.0	0	0.0	0.0	0	0	0	0	0.0	0.0	0.0
Minnesota ^a	66,792	813	1.2	324	39.9	162	19.9	2.4	179	27	0	206	25.3	3.3	22.0
Mississippi	36,872	603	1.6	417	69.2	54	9.0	1.5	34	0	32	66	10.9	5.3	5.6
Missouri	72,452	1,100	1.5	624	56.7	113	10.3	1.6	254	15	0	269	24.5	1.4	23.1
Montana ^a	11,524	237	2.1	30	12.7	22	9.3	1.9	136	8	26	170	71.7	14.3	57.4
Nebraska ^a	26,116	194	0.7	92	47.4	51	26.3	2.0	18	0	1	19	9.8	0.5	9.3
Nevada	34,743	431	1.2	161	37.4	65	15.1	1.9	27	100	40	167	38.7	32.5	6.3
New Hampshire ^a	11,732	394	3.4	247	62.7	20	5.1	1.7	22	0	60	82	20.8	15.2	5.6
New Jersey ^a	98,312	707	0.7	232	32.8	126	17.8	1.3	253	1	54	308	43.6	7.8	35.8
New Mexico ^a	21,679	463	2.1	219	47.3	53	11.4	2.4	45	1	118	164	35.4	25.7	9.7
New York	224,630	2,218	1.0	630	28.4	334	15.1	1.5	22	0	780	802	36.2	35.2	1.0
North Carolina ^a	121,240	836	0.7	245	29.3	199	23.8	1.6	64	162	4	230	27.5	19.9	7.7
North Dakota ^a	12,317	282	2.3	60	21.3	23	8.2	1.9	92	44	0	136	48.2	15.6	32.6
Ohio ^a	134,423	4,129	3.1	2,622	63.5	261	6.3	1.9	932	94	10	1,036	25.1	2.5	22.6
Oklahoma ^a	48,177	631	1.3	0	0.0	85	13.5	1.8	60	236	13	309	49.0	39.5	9.5
Oregon ^a	43,424	1,189	2.7	937	78.8	97	8.2	2.2	35	12	12	59	5.0	2.0	2.9
Palau	219	0	0.0	0	n/a	0	n/a	0.0	0	0	0	0	n/a	n/a	n/a

State / Territory (n = 57)	Total Screened	Total Not Pass	Percent Not Pass ^o	No Hearing Loss	Percent w. No Hearing Loss [†]	Hearing Loss	Percent w. Hearing Loss [‡]	Prevalence per 1,000 screened [§]	No 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 ^{**} : Due to + Contacted but Unresponsive + Unable to Contact + Unknown	Percent LFU/LTD ^{††} : Due to + Unable to Contact + Unknown	Percent Unresponsive ^{§§} : Due to Parents/ Family Contacted but Unresponsive
Pennsylvania [*]	131,855	1,414	1.1	603	42.6	221	15.6	1.7	299	106	49	454	32.1	11.0	21.1
Puerto Rico [*]	23,784	830	3.5	465	56.0	22	2.7	0.9	87	184	2	273	32.9	22.4	10.5
Rhode Island [*]	11,102	384	3.5	198	51.6	35	9.1	3.2	84	15	0	99	25.8	3.9	21.9
South Carolina	52,333	933	1.8	287	30.8	97	10.4	1.9	186	35	322	543	58.2	38.3	19.9
South Dakota	12,482	270	2.2	20	7.4	37	13.7	3.0	1	3	182	186	68.9	68.5	0.4
Tennessee [*]	85,668	4,328	5.1	3,219	74.4	148	3.4	1.7	151	1	533	685	15.8	12.3	3.5
Texas [*]	373,701	4,956	1.3	1,410	28.5	417	8.4	1.1	54	50	2,353	2,457	49.6	48.5	1.1
Utah [*]	49,268	435	0.9	257	59.1	98	22.5	2.0	31	11	0	42	9.7	2.5	7.1
Vermont [*]	5,450	32	0.6	18	56.3	11	34.4	2.0	0	0	0	0	0.0	0.0	0.0
Virginia [*]	97,672	1,548	1.6	753	48.6	159	10.3	1.6	272	123	3	398	25.7	8.1	17.6
Washington [*]	85,687	934	1.1	438	46.9	157	16.8	1.8	124	117	0	241	25.8	12.5	13.3
West Virginia [*]	18,689	681	3.6	118	17.3	5	0.7	0.3	0	4	552	556	81.6	81.6	0.0
Wisconsin [*]	63,759	709	1.1	388	54.7	115	16.2	1.8	83	41	0	124	17.5	5.8	11.7
Wyoming [*]	6,158	20	0.3	5	25.0	12	60.0	1.9	0	0	0	0	0.0	0.0	0.0
Totals	3,742,608	62,859	1.7	34,450	54.8	6,537	10.4	1.7	5,778	2,714	6,957	15,449	24.6	15.4	9.2

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

^oPercent Not Pass: (# Total Not Pass / # Total Screened) * 100

[†]Percent with 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: ((# Contacted but Unresponsive + # Unable to Contact + # Unknown) / # Total Not Pass) * 100

^{††}Percent 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 Hearing Screening and Follow-up Survey Explanations document pages 5-6 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.

[‡]One hospital experienced screener issues during the report period. Per CDC guidance, inpatient screening results were removed and marked as missed. One outpatient screening was permitted for these children