

2019 Summary of Diagnostics Among Infants Not Passing Hearing Screening

May 2021

Data Source: 2019 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) (www.cdc.gov/ncbddd/hearingloss/ehdi-data.html)

State / Territory (n = 55)	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 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 ^{**} : 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
Alaska [^]	9,352	140	1.5	71	50.7	16	11.4	1.7	30	1	0	31	22.1	0.7	21.4
American Samoa [^]	831	14	1.7	3	21.4	1	7.1	1.2	0	0	5	5	35.7	35.7	0.0
Arizona [^]	79,554	857	1.1	296	34.5	186	21.7	2.3	146	118	0	264	30.8	13.8	17.0
Arkansas [^]	34,517	740	2.1	84	11.4	62	8.4	1.8	43	323	104	470	63.5	57.7	5.8
California [^]	438,353	2,699	0.6	1,051	38.9	915	33.9	2.1	147	163	0	310	11.5	6.0	5.4
Commonwealth of the Northern Mariana Islands [^]	903	34	3.8	3	8.8	10	29.4	11.1	0	2	0	2	5.9	5.9	0.0
Connecticut	35,338	461	1.3	302	65.5	93	20.2	2.6	31	0	0	31	6.7	0.0	6.7
Delaware [^]	10,769	104	1.0	6	5.8	16	15.4	1.5	0	29	46	75	72.1	72.1	0.0
District of Columbia [^]	13,136	362	2.8	18	5.0	8	2.2	0.6	0	1	330	331	91.4	91.4	0.0
Florida [^]	209,204	9,453	4.5	7,768	82.2	257	2.7	1.2	298	672	1	971	10.3	7.1	3.2
Georgia [^]	123,725	2,522	2.0	531	21.1	164	6.5	1.3	204	174	915	1,293	51.3	43.2	8.1
Guam [^]	2,791	110	3.9	5	4.5	3	2.7	1.1	11	4	0	15	13.6	3.6	10.0
Hawaii [^]	16,579	250	1.5	119	47.6	64	25.6	3.9	6	12	33	51	20.4	18.0	2.4
Idaho [^]	21,017	771	3.7	524	68.0	49	6.4	2.3	119	32	11	162	21.0	5.6	15.4
Illinois [^]	135,666	2,027	1.5	1,109	54.7	311	15.3	2.3	76	30	386	492	24.3	20.5	3.7
Indiana [^]	77,218	3,589	4.6	2,600	72.4	169	4.7	2.2	330	55	22	407	11.3	2.1	9.2
Iowa [^]	37,010	601	1.6	300	49.9	57	9.5	1.5	53	94	1	148	24.6	15.8	8.8
Kansas [^]	36,615	629	1.7	464	73.8	66	10.5	1.8	3	1	35	39	6.2	5.7	0.5
Kentucky [^]	49,745	1,042	2.1	662	63.5	59	5.7	1.2	71	45	36	152	14.6	7.8	6.8
Louisiana [^]	58,251	560	1.0	90	16.1	104	18.6	1.8	40	104	2	146	26.1	18.9	7.1
Maine [^]	11,243	228	2.0	157	68.9	16	7.0	1.4	39	0	5	44	19.3	2.2	17.1
Marshall Islands [^]	918	27	2.9	5	18.5	7	25.9	7.6	8	0	0	8	29.6	0.0	29.6
Maryland [^]	66,185	1,084	1.6	623	57.5	88	8.1	1.3	197	92	5	294	27.1	8.9	18.2
Massachusetts [^]	69,354	1,481	2.1	1,142	77.1	139	9.4	2.0	4	18	30	52	3.5	3.2	0.3
Michigan [^]	105,079	1,150	1.1	340	29.6	173	15.0	1.6	240	262	30	532	46.3	25.4	20.9
Micronesia	1,584	61	3.9	3	4.9	0	0.0	0.0	2	0	20	22	36.1	32.8	3.3
Minnesota	64,424	956	1.5	415	43.4	182	19.0	2.8	210	28	6	244	25.5	3.6	22.0
Missouri	71,440	1,183	1.7	731	61.8	91	7.7	1.3	307	0	0	307	26.0	0.0	26.0
Montana [^]	10,803	194	1.8	29	14.9	12	6.2	1.1	128	0	21	149	76.8	10.8	66.0
Nebraska [^]	25,030	184	0.7	66	35.9	51	27.7	2.0	17	3	3	23	12.5	3.3	9.2
Nevada [^]	33,770	530	1.6	185	34.9	54	10.2	1.6	32	140	90	262	49.4	43.4	6.0
New Hampshire [^]	11,481	370	3.2	192	51.9	21	5.7	1.8	127	0	0	127	34.3	0.0	34.3
New Jersey [^]	95,480	807	0.8	277	34.3	90	11.2	0.9	0	0	392	392	48.6	48.6	0.0
New Mexico [^]	20,750	533	2.6	287	53.8	31	5.8	1.5	100	5	12	117	22.0	3.2	18.8
New York	216,277	2,558	1.2	524	20.5	287	11.2	1.3	0	0	1,663	1,663	65.0	65.0	0.0
North Carolina [^]	119,709	1,115	0.9	355	31.8	234	21.0	2.0	57	219	12	288	25.8	20.7	5.1
North Dakota [^]	11,861	310	2.6	83	26.8	16	5.2	1.3	90	68	0	158	51.0	21.9	29.0
Ohio	132,162	4,898	3.7	3,284	67.0	257	5.2	1.9	849	160	0	1,009	20.6	3.3	17.3
Oklahoma [^]	47,088	689	1.5	0	0.0	78	11.3	1.7	76	263	13	352	51.1	40.1	11.0
Oregon [^]	41,669	1,333	3.2	1,072	80.4	94	7.1	2.3	59	13	24	96	7.2	2.8	4.4
Palau	209	2	1.0	0	0.0	0	0.0	0.0	0	0	0	0	0.0	0.0	0.0
Pennsylvania [^]	131,440	1,010	0.8	563	55.7	162	16.0	1.2	121	72	0	193	19.1	7.1	12.0
Puerto Rico [^]	18,556	769	4.1	351	45.6	22	2.9	1.2	75	85	51	211	27.4	17.7	9.8

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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 [°] : 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
Rhode Island [^]	10,627	248	2.3	130	52.4	17	6.9	1.6	49	5	0	54	21.8	2.0	19.8
South Carolina	52,207	828	1.6	186	22.5	111	13.4	2.1	196	5	310	511	61.7	38.0	23.7
South Dakota	11,749	242	2.1	39	16.1	28	11.6	2.4	8	4	138	150	62.0	58.7	3.3
Tennessee [^]	85,213	2,228	2.6	1,409	63.2	165	7.4	1.9	201	226	0	427	19.2	10.1	9.0
Texas [^]	370,561	4,647	1.3	1,318	28.4	387	8.3	1.0	23	23	2,327	2,373	51.1	50.6	0.5
Utah [^]	47,682	705	1.5	526	74.6	93	13.2	2.0	22	10	0	32	4.5	1.4	3.1
Vermont [^]	5,139	44	0.9	27	61.4	17	38.6	3.3	0	0	0	0	0.0	0.0	0.0
Virginia [^]	95,424	1,705	1.8	822	48.2	107	6.3	1.1	50	24	613	687	40.3	37.4	2.9
Washington [^]	83,511	1,083	1.3	444	41.0	163	15.1	2.0	192	117	0	309	28.5	10.8	17.7
West Virginia [^]	18,521	623	3.4	337	54.1	10	1.6	0.5	1	3	251	255	40.9	40.8	0.2
Wisconsin [^]	61,833	646	1.0	250	38.7	103	15.9	1.7	130	18	8	156	24.1	4.0	20.1
Wyoming [^]	5,835	39	0.7	15	38.5	18	46.2	3.1	1	0	0	1	2.6	0.0	2.6
Totals	3,545,388	61,475	1.7	32,193	52.4	5,934	9.7	1.7	5,219	3,723	7,951	16,893	27.5	19.0	8.5

Data Notes

In many regions the COVID-19 pandemic interrupted the delivery of health care services in 2020, including newborn hearing screening and follow-up services. As a result, infants born in late 2019 and needing hearing screening and/or follow-up services in 2020 may have had difficulties obtaining these services.

Data include information about any services that infants born in the calendar year 2019 received through 2020, until time of survey reporting.

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

[□]Percent 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 2019 Hearing Screening and Follow-up Survey Explanations document pages 6-7 for both "old" and "revised" Unresponsive definitions.