

2019 Summary of Infants Not Passing Hearing Screening Diagnosed Before 3 Months of Age

May 2021

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

State / Territory (n = 55)	Total Screened	Total Not Pass	No Hearing Loss	No Hearing Loss Diagnosed Before 3 Months of Age	Hearing Loss	Hearing Loss Diagnosed Before 3 Months of Age	Prevalence per 1,000 Screened*	Total Diagnosed (Includes cases of normal hearing and hearing loss)	Total Diagnosed Before 3 Months of Age (Includes cases of normal hearing and hearing loss)	Percent Diagnosed Before 3 Months of Age [†] among the Diagnosed (Includes cases of normal hearing and hearing loss)	Percent Diagnosed Before 3 Months of Age [§] among those Not Passing the Screen (Includes cases of normal hearing and hearing loss)
Alaska [^]	9,352	140	71	50	16	12	1.7	87	62	71.3	44.3
American Samoa [^]	831	14	3	3	1	1	1.2	4	4	100.0	28.6
Arizona [^]	79,554	857	296	196	186	124	2.3	482	320	66.4	37.3
Arkansas [^]	34,517	740	84	46	62	30	1.8	146	76	52.1	10.3
California [^]	438,353	2,699	1,051	557	915	627	2.1	1,966	1,184	60.2	43.9
Commonwealth of the Northern Mariana Islands [^]	903	34	3	3	10	8	11.1	13	11	84.6	32.4
Connecticut	35,338	461	302	253	93	70	2.6	395	323	81.8	70.1
Delaware [^]	10,769	104	6	2	16	7	1.5	22	9	40.9	8.7
District of Columbia [^]	13,136	362	18	14	8	6	0.6	26	20	76.9	5.5
Florida [^]	209,204	9,453	7,768	7,514	257	161	1.2	8,025	7,675	95.6	81.2
Georgia [^]	123,725	2,522	531	383	164	94	1.3	695	477	68.6	18.9
Guam [^]	2,791	110	5	2	3	1	1.1	8	3	37.5	2.7
Hawaii [^]	16,579	250	119	94	64	52	3.9	183	146	79.8	58.4
Idaho [^]	21,017	771	524	467	49	35	2.3	573	502	87.6	65.1
Illinois [^]	135,666	2,027	1,109	870	311	195	2.3	1,420	1,065	75.0	52.5
Indiana [^]	77,218	3,589	2,600	2,083	169	112	2.2	2,769	2,195	79.3	61.2
Iowa [^]	37,010	601	300	219	57	34	1.5	357	253	70.9	42.1
Kansas [^]	36,615	629	464	395	66	44	1.8	530	439	82.8	69.8
Kentucky [^]	49,745	1,042	662	550	59	40	1.2	721	590	81.8	56.6
Louisiana [^]	58,251	560	90	31	104	56	1.8	194	87	44.8	15.5
Maine [^]	11,243	228	157	121	16	6	1.4	173	127	73.4	55.7
Marshall Islands [^]	918	27	5	4	7	6	7.6	12	10	83.3	37.0
Maryland [^]	66,185	1,084	623	470	88	63	1.3	711	533	75.0	49.2
Massachusetts [^]	69,354	1,481	1,142	1,005	139	100	2.0	1,281	1,105	86.3	74.6
Michigan [^]	105,079	1,150	340	197	173	112	1.6	513	309	60.2	26.9
Micronesia	1,584	61	3	1	0	0	0.0	3	1	33.3	1.6
Minnesota	64,424	956	415	286	182	141	2.8	597	427	71.5	44.7
Missouri	71,440	1,183	731	573	91	47	1.3	822	620	75.4	52.4
Montana [^]	10,803	194	29	20	12	6	1.1	41	26	63.4	13.4
Nebraska [^]	25,030	184	66	38	51	27	2.0	117	65	55.6	35.3
Nevada [^]	33,770	530	185	164	54	40	1.6	239	204	85.4	38.5
New Hampshire [^]	11,481	370	192	108	21	9	1.8	213	117	54.9	31.6
New Jersey [^]	95,480	807	277	226	90	65	0.9	367	291	79.3	36.1
New Mexico [^]	20,750	533	287	164	31	11	1.5	318	175	55.0	32.8
New York	216,277	2,558	524	332	287	162	1.3	811	494	60.9	19.3
North Carolina [^]	119,709	1,115	355	205	234	139	2.0	589	344	58.4	30.9
North Dakota [^]	11,861	310	83	45	16	9	1.3	99	54	54.5	17.4
Ohio	132,162	4,898	3,284	2,846	257	167	1.9	3,541	3,013	85.1	61.5
Oklahoma [^]	47,088	689	0	0	78	57	1.7	78	57	73.1	8.3

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Oregon [^]	41,669	1,333	1,072	875	94	55	2.3	1,166	930	79.8	69.8
Palau	209	2	0	0	0	0	0.0	0	0	n/a	0.0
Pennsylvania [^]	131,440	1,010	563	480	162	115	1.2	725	595	82.1	58.9
Puerto Rico [^]	18,556	769	351	225	22	18	1.2	373	243	65.1	31.6
Rhode Island [^]	10,627	248	130	75	17	11	1.6	147	86	58.5	34.7
South Carolina	52,207	828	186	151	111	63	2.1	297	214	72.1	25.8
South Dakota	11,749	242	39	29	28	21	2.4	67	50	74.6	20.7
Tennessee [^]	85,213	2,228	1,409	1,068	165	126	1.9	1,574	1,194	75.9	53.6
Texas [^]	370,561	4,647	1,318	968	387	286	1.0	1,705	1,254	73.5	27.0
Utah [^]	47,682	705	526	449	93	77	2.0	619	526	85.0	74.6
Vermont [^]	5,139	44	27	16	17	14	3.3	44	30	68.2	68.2
Virginia [^]	95,424	1,705	822	649	107	50	1.1	929	699	75.2	41.0
Washington [^]	83,511	1,083	444	238	163	110	2.0	607	348	57.3	32.1
West Virginia [^]	18,521	623	337	308	10	5	0.5	347	313	90.2	50.2
Wisconsin [^]	61,833	646	250	189	103	56	1.7	353	245	69.4	37.9
Wyoming [^]	5,835	39	15	14	18	16	3.1	33	30	90.9	76.9
Totals	3,545,388	61,475	32,193	26,271	5,934	3,899	1.7	38,127	30,170	79.1	49.1

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.

[†]Prevalence per 1,000 Screened: (# Hearing loss / # Total Screened) x 1,000

[†]Percent Diagnosed Before 3 Months of Age among the Diagnosed: (# Total Diagnosed Before 3 Months of Age / # Total Diagnosed) * 100

[§]Percent Diagnosed Before 3 Months of Age among those Not Passing the Screen: (# Total Diagnosed Before 3 Months of Age / # Total Not Pass) * 100

[^]Jurisdiction reported using revised "Parents/Family Contacted but Unresponsive" definition. Refer to 2019 CDC EHDI Hearing Screening and Follow-up Survey Explanations document pages 6-7 for explanations of "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.