

2018 Summary of Infants Not Passing Hearing Screening Diagnosed Before 3 Months of Age

May 2020

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

State / Territory (n = 57)	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)
Alabama <sup>^</sup>	55,362	1,955	1,608	1,523	105	80	1.9	1,713	1,603	93.6	82.0
Alaska <sup>^</sup>	9,652	124	52	36	17	10	1.8	69	46	66.7	37.1
American Samoa <sup>^</sup>	911	10	0	0	2	2	2.2	2	2	100.0	20.0
Arizona <sup>^</sup>	81,130	713	280	182	183	131	2.3	463	313	67.6	43.9
Arkansas <sup>^</sup>	35,092	713	75	35	76	37	2.2	151	72	47.7	10.1
California <sup>^</sup>	446,402	2861	1,138	617	962	647	2.2	2,100	1,264	60.2	44.2
Commonwealth of the Northern Mariana Islands <sup>^</sup>	1,257	62	4	3	4	4	3.2	8	7	87.5	11.3
Connecticut	35,889	449	332	281	86	60	2.4	418	341	81.6	75.9
Delaware <sup>^</sup>	9,819	83	2	1	14	5	1.4	16	6	37.5	7.2
District of Columbia	13,134	393	22	14	16	13	1.2	38	27	71.1	6.9
Florida <sup>^</sup>	211,696	8563	6,940	6,106	259	131	1.2	7,199	6,237	86.6	72.8
Georgia <sup>^</sup>	123,960	2207	505	352	206	151	1.7	711	503	70.7	22.8
Guam <sup>^</sup>	2,807	59	12	10	5	3	1.8	17	13	76.5	22.0
Hawaii <sup>^</sup>	16,753	191	64	46	76	63	4.5	140	109	77.9	57.1
Idaho <sup>^</sup>	20,509	743	545	497	36	25	1.8	581	522	89.8	70.3
Illinois <sup>^</sup>	139,228	1678	867	689	295	175	2.1	1,162	864	74.4	51.5
Indiana <sup>^</sup>	77,809	3161	2,302	1,795	193	113	2.5	2,495	1,908	76.5	60.4
Iowa <sup>^</sup>	37,062	536	301	226	86	56	2.3	387	282	72.9	52.6
Kansas <sup>^</sup>	37,388	560	383	305	66	33	1.8	449	338	75.3	60.4
Kentucky <sup>^</sup>	50,706	916	559	450	50	40	1.0	609	490	80.5	53.5
Louisiana	58,772	1129	678	565	64	37	1.1	742	602	81.1	53.3
Maine <sup>^</sup>	11,735	199	114	90	23	20	2.0	137	110	80.3	55.3
Marshall Islands <sup>^</sup>	944	20	5	4	5	3	5.3	10	7	70.0	35.0
Maryland <sup>^</sup>	67,598	946	635	444	66	51	1.0	701	495	70.6	52.3
Massachusetts <sup>^</sup>	69,221	1382	1,003	893	184	139	2.7	1,187	1,032	86.9	74.7
Michigan <sup>^</sup>	107,149	1204	349	189	154	87	1.4	503	276	54.9	22.9
Micronesia <sup>h</sup>	1,485	67	0	0	0	0	0.0	0	0	n/a	0.0
Minnesota	65,755	809	347	208	153	121	2.3	500	329	65.8	40.7
Mississippi <sup>™</sup>	35,835	1001	296	167	67	21	1.9	363	188	51.8	18.8
Missouri	72,650	1090	642	612	95	71	1.3	737	683	92.7	62.7
Montana <sup>^</sup>	11,273	198	28	17	12	8	1.1	40	25	62.5	12.6
Nebraska <sup>^</sup>	25,746	182	76	50	59	38	2.3	135	88	65.2	48.4
Nevada <sup>^</sup>	34,570	497	185	143	57	40	1.6	242	183	75.6	36.8
New Hampshire <sup>^</sup>	11,706	391	278	192	17	7	1.5	295	199	67.5	50.9
New Jersey <sup>^</sup>	98,126	752	258	191	112	77	1.1	370	268	72.4	35.6
New Mexico <sup>^</sup>	20,943	443	198	134	36	14	1.7	234	148	63.2	33.4
New York	221,306	2502	575	355	375	165	1.7	950	520	54.7	20.8
North Carolina <sup>^</sup>	119,980	843	242	117	226	118	1.9	468	235	50.2	27.9
North Dakota <sup>^</sup>	12,138	295	53	26	23	11	1.9	76	37	48.7	12.5

State / Territory (n = 57)	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 <sup>1</sup>	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 <sup>†</sup> among the Diagnosed (Includes cases of normal hearing and hearing loss)	Percent Diagnosed Before 3 Months of Age <sup>§</sup> among those Not Passing the Screen (Includes cases of normal hearing and hearing loss)
Ohio	132,213	4,380	2,872	2,413	278	184	2.1	3,150	2,597	82.4	59.3
Oklahoma <sup>¶</sup>	47,741	687	0	0	71	48	1.5	71	48	67.6	7.0
Oregon <sup>^</sup>	42,052	1,200	944	785	103	73	2.4	1,047	858	81.9	71.5
Palau	253	0	0	0	0	0	0.0	0	0	n/a	n/a
Pennsylvania <sup>^</sup>	131,874	1,109	669	573	193	137	1.5	862	710	82.4	64.0
Puerto Rico <sup>^</sup>	21,118	666	357	229	22	13	1.0	379	242	63.9	36.3
Rhode Island <sup>^</sup>	10,985	309	172	110	43	34	3.9	215	144	67.0	46.6
South Carolina	51,834	721	247	200	101	51	1.9	348	251	72.1	34.8
South Dakota	12,123	245	43	32	15	12	1.2	58	44	75.9	18.0
Tennessee <sup>^</sup>	85,652	2,302	1,300	988	122	79	1.4	1,422	1,067	75.0	46.4
Texas <sup>^</sup>	371,789	4,429	1,441	1,022	450	293	1.2	1,891	1,315	69.5	29.7
Utah <sup>^</sup>	47,769	559	392	321	87	80	1.8	479	401	83.7	71.7
Vermont <sup>^</sup>	5,267	23	13	8	10	10	1.9	23	18	78.3	78.3
Virginia <sup>^</sup>	97,217	1,488	784	731	145	116	1.5	929	847	91.2	56.9
Washington <sup>^</sup>	83,364	1,029	453	236	174	111	2.1	627	347	55.3	33.7
West Virginia <sup>^</sup>	18,239	490	232	211	14	6	0.8	246	217	88.2	44.3
Wisconsin <sup>^</sup>	62,887	658	315	227	122	67	1.9	437	294	67.3	44.7
Wyoming <sup>^</sup>	5,901	36	15	12	17	15	2.9	32	27	84.4	75.0
<b>Totals</b>	<b>3,681,776</b>	<b>60,258</b>	<b>32,202</b>	<b>25,663</b>	<b>6,432</b>	<b>4,136</b>	<b>1.7</b>	<b>38,634</b>	<b>29,799</b>	<b>77.1</b>	<b>49.5</b>

<sup>1</sup>Prevalence per 1,000 Screened: (# Hearing loss / # Total Screened) x 1,000

<sup>†</sup>Percent Diagnosed Before 3 Months of Age among the Diagnosed: (# Total Diagnosed Before 3 Months of Age / # Total Diagnosed) \* 100

<sup>§</sup>Percent Diagnosed Before 3 Months of Age among those Not Passing the Screen: (# Total Diagnosed Before 3 Months of Age / # Total Not Pass) \* 100

<sup>^</sup>Jurisdiction reported using revised "Parents/Family Contacted but Unresponsive" definition. Refer to 2018 CDC EHDI Hearing Screening and Follow-up Survey Explanations document pages 6-7 for explanations of "old" and "revised" Unresponsive definitions.

<sup>¶</sup>There are infants diagnosed with no hearing loss. However they are not captured in the HSFS under the Diagnostic Data section.

<sup>‡</sup>All 67 infants did receive a diagnostic evaluation, however audiologist did not report diagnostic results for those infants to the EHDI program.

<sup>\*</sup>Data reported may be incomplete.