

2022 Summary of Diagnostics Among Infants Not Passing Hearing Screening

August 2024

Data Source: 2022 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) (www.cdc.gov/ncbddd/hearingloss/ehdi-data.html)

State/Territory (n=54)	Births Reported to EHDI Program	Total Screened	Total Not Pass ¹	Percent Not Pass among those Screened ²	Typical Hearing (includes transient hearing loss cases)	Percent w. Typical Hearing among Infants Not Passing Screen ³	Deaf or Hard of Hearing (D/HH)	Percent Diagnosed as D/HH among Infants Not Passing Screen ⁵	Prevalence per 1,000 Births ⁴	No Diagnosis: LFU/LTD				
										Parents/ Family Contacted but Unresponsive	Unable to Contact	Unknown	Number LFU/LTD: Due to Contacted but Unresponsive + Unable to Contact + Unknown among Infants Not Passing Screen	Percent LFU/LTD ⁶ : Due to Contacted but Unresponsive + Unable to Contact + Unknown among Infants Not Passing Screen
Alaska	9,327	8,611	218	2.5	44	20.2	16	7.3	1.7	40	53	37	130	59.6
American Samoa	706	686	28	4.1	6	21.4	1	3.6	1.4	4	0	1	5	17.9
Arizona	79,442	77,925	1,243	1.6	277	22.3	164	13.2	2.1	241	322	181	744	59.9
Arkansas	34,465	34,078	504	1.5	147	29.2	40	7.9	1.2	4	0	210	214	42.5
California	413,726	411,736	2,878	0.7	978	34.0	923	32.1	2.2	194	142	0	336	11.7
Colorado	63,394	61,628	1,045	1.7	291	27.8	171	16.4	2.7	0	57	516	573	54.8
Commonwealth of the Northern Mariana Islands	473	472	6	1.3	0	0.0	2	33.3	4.2	0	3	0	3	50.0
Connecticut	36,580	36,254	532	1.5	372	69.9	89	16.7	2.4	0	25	12	37	7.0
Delaware	11,376	11,113	293	2.6	16	5.5	11	3.8	1.0	0	197	43	240	81.9
District of Columbia	11,576	11,453	213	1.9	35	16.4	12	5.6	1.0	0	0	80	80	37.6
Florida	224,611	222,444	4,037	1.8	2,173	53.8	307	7.6	1.4	775	309	50	1,134	28.1
Georgia	127,050	122,551	3,113	2.5	665	21.4	205	6.6	1.6	208	126	1,562	1,896	60.9
Guam	2,158	2,158	74	3.4	6	8.1	3	4.1	1.4	12	33	1	46	62.2
Hawaii	15,490	15,169	252	1.7	124	49.2	79	31.3	5.1	7	12	21	40	15.9
Idaho	21,857	20,919	904	4.3	634	70.1	38	4.2	1.7	143	49	20	212	23.5
Illinois	124,966	123,299	2,059	1.7	1,297	63.0	308	15.0	2.5	32	7	317	356	17.3
Indiana	80,007	77,722	3,838	4.9	2,967	77.3	161	4.2	2.0	248	55	7	310	8.1
Iowa	36,731	35,992	445	1.2	232	52.1	63	14.2	1.7	18	69	0	87	19.6
Kansas	36,249	35,877	597	1.7	330	55.3	77	12.9	2.1	2	1	92	95	15.9
Kentucky	49,658	48,466	1,480	3.1	1,021	69.0	54	3.6	1.1	96	131	46	273	18.4
Louisiana	56,437	55,829	977	1.7	655	67.0	107	11.0	1.9	67	99	19	185	18.9
Maine	11,730	11,226	347	3.1	268	77.2	26	7.5	2.2	17	0	4	21	6.1
Maryland	65,439	64,407	1,065	1.7	454	42.6	73	6.9	1.1	214	109	131	454	42.6
Massachusetts	69,537	68,867	1,478	2.1	1,077	72.9	136	9.2	2.0	25	32	3	60	4.1
Michigan	100,164	98,757	1,152	1.2	400	34.7	170	14.8	1.7	240	219	39	498	43.2
Minnesota	63,074	62,287	1,145	1.8	518	45.2	166	14.5	2.6	185	58	43	286	25.0
Mississippi	33,683	30,611	1,281	4.2	498	38.9	57	4.4	1.7	0	599	73	672	52.5
Missouri	69,282	67,378	1,266	1.9	759	60.0	125	9.9	1.8	0	17	154	171	13.5
Montana	11,228	10,510	227	2.2	50	22.0	13	5.7	1.2	93	1	59	153	67.4
Nebraska	24,707	24,707	467	1.9	21	4.5	42	9.0	1.7	150	8	0	158	33.8
Nevada	32,928	31,724	502	1.6	141	28.1	53	10.6	1.6	0	21	272	293	58.4
New Hampshire ⁷	12,156	9,872	409	4.1	262	64.1	13	3.2	1.1	21	34	32	87	21.3
New Jersey	99,623	98,566	777	0.8	264	34.0	98	12.6	1.0	214	34	155	403	51.9
New Mexico	18,427	18,302	506	2.8	267	52.8	40	7.9	2.2	105	54	9	168	33.2
New York	208,792	201,496	3,260	1.6	527	16.2	236	7.2	1.1	0	0	2,320	2,320	71.2
North Carolina	123,969	122,571	1,214	1.0	425	35.0	245	20.2	2.0	74	199	134	407	33.5
North Dakota	11,111	10,937	310	2.8	100	32.3	20	6.5	1.8	76	49	0	125	40.3
Ohio	128,891	125,109	5,521	4.4	3,822	69.2	207	3.7	1.6	690	306	78	1,074	19.5
Oklahoma	46,324	45,566	690	1.5	18	2.6	88	12.8	1.9	0	0	574	574	83.2
Oregon	39,995	39,297	1,554	4.0	1,207	77.7	94	6.0	2.4	79	23	69	171	11.0
Pennsylvania	130,325	127,600	1,626	1.3	534	32.8	212	13.0	1.6	292	137	302	731	45.0
Puerto Rico	18,875	18,168	654	3.6	375	57.3	9	1.4	0.5	14	13	21	48	7.3
Rhode Island	10,709	10,559	322	3.0	236	73.3	24	7.5	2.2	28	5	1	34	10.6
South Carolina	53,914	52,374	943	1.8	124	13.1	88	9.3	1.6	124	29	555	708	75.1
South Dakota	12,030	11,539	248	2.1	7	2.8	27	10.9	2.2	0	0	191	191	77.0
Tennessee	87,716	86,532	1,828	2.1	710	38.8	136	7.4	1.6	553	152	0	705	38.6

Texas	383,168	377,256	6,549	1.7	1,809	27.6	490	7.5	1.3	0	17	3,711	3,728	56.9
Utah	47,083	46,469	757	1.6	587	77.5	102	13.5	2.2	25	0	0	25	3.3
Vermont	5,101	5,015	29	0.6	21	72.4	7	24.1	1.4	0	0	0	0	0.0
Virginia	95,845	93,658	1,433	1.5	747	52.1	130	9.1	1.4	145	89	30	264	18.4
Washington	81,894	80,952	1,130	1.4	351	31.1	181	16.0	2.2	187	43	4	234	20.7
West Virginia	17,545	17,244	842	4.9	471	55.9	7	0.8	0.4	0	22	207	229	27.2
Wisconsin	59,712	58,422	822	1.4	326	39.7	117	14.2	2.0	157	0	0	157	19.1
Wyoming	5,363	5,259	38	0.7	22	57.9	9	23.7	1.7	1	0	0	1	2.6
Total	3,616,619	3,547,619	65,128	1.8	29,668	45.6	6,272	9.6	1.7	5,800	3,960	12,386	22,146	34.0

Data include information about any services that infants born in the calendar year 2022 received through 2023, until time of survey reporting.

^aThe program is experiencing data migration challenges, therefore data may not be accurate.

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

*Total Not Pass includes infants who did not pass hearing screen (61,363) and infants who missed hearing screen due to being sent straight to diagnostic evaluation (2,620).

^qPercent Not Pass among those Screened: ($\# \text{ Total Not Pass} / \# \text{ Total Screened}$) x 100

[†]Percent with Typical Hearing among Infants Not Passing Screen: ($(\# \text{ Typical Hearing} + \# \text{ Transient Hearing Loss}) / \# \text{ Total Not Pass}$) x 100

[§]Percent Diagnosed as D/HH among Infants Not Passing Screen: ($\# \text{ Confirmed D/HH} / \# \text{ Total Not Pass}$) x 100

[¶]Prevalence per 1,000 births: ($\# \text{ Confirmed D/HH} / \# \text{ Births Reported to EHDI Program}$) x 1,000

^{**}Percent LFU/LTD Due to Contacted but Unresponsive + Unable to Contact + Unknown among Infants Not Passing Screen: ($(\# \text{ Contacted but Unresponsive} + \# \text{ Unable to Contact} + \# \text{ Unknown}) / \# \text{ Total Not Pass}$) x 100