

2021 Summary of Infants Not Passing Hearing Screening Diagnosed Before 3 Months of Age

September 2023

Data Source: 2021 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) (www.cdc.gov/ncbddd/hearingloss/ehdi-data.html)

State/Territory (n=51)	Births Reported to EHDI Program	Total Screened	Total Not Pass*	No Hearing Loss (e.g., normal hearing, transient hearing)	No Hearing Loss Diagnosed Before 3 Months of Age	Permanent Hearing Loss	Permanent Hearing Loss Diagnosed Before 3 Months of Age	Prevalence per 1,000 Births*	Total Diagnosed (Includes cases of normal hearing, permanent hearing loss, and transient hearing loss)	Total Diagnosed Before 3 Months of Age (Includes cases of normal hearing, permanent hearing loss, and transient hearing loss)	Percent Diagnosed Before 3 Months of Age ⁵ among those Not Passing the Screen (Includes cases of normal hearing, permanent hearing loss, and transient hearing loss)
Alaska	9,363	8,833	160	54	31	13	8	1.4	67	39	24.4
Arizona	78,481	76,952	1,312	269	154	192	113	2.4	461	267	20.4
Arkansas	34,917	34,451	527	169	80	48	30	1.4	217	110	20.9
California	414,146	412,152	2,505	863	461	884	588	2.1	1,747	1,049	41.9
Colorado	62,995	61,160	1,015	178	125	161	138	2.6	339	263	25.9
Commonwealth of the Northern Mariana Islands	575	569	10	4	4	1	1	1.7	5	5	50.0
Connecticut	36,949	36,629	456	307	251	95	68	2.6	402	319	70.0
Delaware	11,050	10,780	240	13	7	17	12	1.5	30	19	7.9
District of Columbia	12,074	11,964	229	46	31	10	5	0.8	56	36	15.7
Florida	216,536	207,461	3,601	1,865	1,283	300	121	1.4	2,165	1,404	39.0
Georgia	125,046	119,859	3,032	704	520	203	140	1.6	907	660	21.8
Hawaii	15,552	15,178	248	146	129	54	46	3.5	200	175	70.6
Idaho	21,889	20,947	899	612	528	64	50	2.9	676	578	64.3
Illinois	128,891	127,259	2,295	1,461	1,128	362	229	2.8	1,823	1,357	59.1
Indiana	80,141	78,211	3,886	3,008	2,361	188	108	2.3	3,196	2,469	63.5
Iowa	36,845	36,185	429	225	171	66	40	1.8	291	211	49.2
Kansas	36,362	36,016	654	457	378	98	52	2.7	555	430	65.7
Kentucky	49,678	48,472	1,264	886	729	52	38	1.0	938	767	60.7
Louisiana	57,349	56,525	707	306	252	80	53	1.4	386	305	43.1
Maine	11,683	11,265	345	256	191	27	17	2.3	283	208	60.3
Maryland	65,092	64,074	972	436	295	71	48	1.1	507	343	35.3
Massachusetts	70,105	69,427	1,556	1,229	1,054	156	127	2.2	1,385	1,181	75.9
Michigan	102,661	101,521	1,272	396	239	192	126	1.9	588	365	28.7
Minnesota	63,539	62,727	1,371	717	516	179	146	2.8	896	662	48.3
Missouri	69,378	67,854	1,124	563	441	127	83	1.8	690	524	46.6
Montana	11,250	10,686	258	48	40	8	3	0.7	56	43	16.7
Nebraska	24,799	24,629	354	210	146	60	35	2.4	270	181	51.1
Nevada	33,290	31,625	509	157	104	60	34	1.8	217	138	27.1
New Hampshire ^a	12,724	10,722	403	185	117	20	10	1.6	205	127	31.5
New Jersey	98,526	97,272	773	236	185	87	60	0.9	323	245	31.7
New Mexico	18,597	18,504	404	228	148	39	25	2.1	267	173	42.8
New York	211,546	204,733	3,247	565	392	234	147	1.1	799	539	16.6
North Carolina	122,937	121,678	1,297	410	233	245	151	2.0	655	384	29.6
North Dakota	11,684	11,517	297	99	56	15	10	1.3	114	66	22.2
Ohio	130,424	126,767	5,799	4,173	3,651	284	188	2.2	4,457	3,839	66.2
Oklahoma ^b	46,512	46,090	792	0	0	102	71	2.2	102	71	9.0
Oregon	41,555	40,889	1,581	1,200	1,011	115	79	2.8	1,315	1,090	68.9
Pennsylvania	132,153	129,655	1,726	707	619	240	164	1.8	947	783	45.4
Puerto Rico	19,185	18,797	399	198	113	9	4	0.5	207	117	29.3
Rhode Island	11,001	10,794	328	226	152	16	10	1.5	242	162	49.4
South Carolina	53,213	51,790	925	170	124	128	78	2.4	298	202	21.8
South Dakota	12,210	11,307	641	37	35	35	29	2.9	72	64	10.0
Tennessee	87,212	86,010	2,398	1,341	903	154	70	1.8	1,495	973	40.6
Texas	366,240	361,897	6,036	1,808	1,224	471	320	1.3	2,279	1,544	25.6
Utah	47,971	47,372	766	591	495	113	102	2.4	704	597	77.9

Vermont	5,120	5,045	44	36	36	8	8	1.6	44	44	100.0
Virginia	96,120	93,894	1,619	990	746	137	97	1.4	1,127	843	52.1
Washington	82,531	81,810	1,080	383	191	168	88	2.0	551	279	25.8
West Virginia	18,213	17,968	975	567	509	17	9	0.9	584	518	53.1
Wisconsin	61,489	60,251	777	373	280	101	64	1.6	474	344	44.3
Wyoming	5,647	5,550	33	20	16	12	9	2.1	32	25	75.8
Totals	3,573,446	3,503,723	63,570	30,128	22,885	6,518	4,252	1.8	36,646	27,137	42.7

Data include information about any services that infants born in the calendar year 2021 received through 2022, until time of survey reporting.

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

*Total Not Pass includes infants who did not pass hearing screen (60,824) and infants who missed hearing screen due to being sent straight to diagnostic evaluation (2,746).

¹Prevalence per 1,000 Births: (# Permanent Hearing loss / # Births Reported to EHDI Program) x 1,000

²Percent Diagnosed Before 3 Months of Age among those Not Passing the Screen: (# Total Diagnosed Before 3 Months of Age / # Total Not Pass) x 100

³There are infants diagnosed with no hearing loss. However they are not captured in the HSFS under the Diagnostic Data section.