

2019 Summary of Hearing Screening Among Total Occurrent Births

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 Occurrent Births		Total Screened	Percent Screened*	Percent Screened (Based on # of Vital Records Births) [†]	No Documented Screening: LFU/LTD						
	Births Reported to EHDI program	Births According to Vital Records				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 [^]	9,712	9,740	9,352	96.3	96.0	89	2	12	103	1.1	0.1	0.9
American Samoa ^{^α}	837	745	831	99.3	111.5	2	0	0	2	0.2	0.0	0.2
Arizona [^]	80,452	80,452	79,554	98.9	98.9	12	36	21	69	0.1	0.1	0.0
Arkansas [^]	34,877	35,339	34,517	99.0	97.7	14	47	10	71	0.2	0.2	0.0
California ^{Ω^}	440,428	440,428	438,353	99.5	99.5	8	7	14	29	0.0	0.0	0.0
Commonwealth of the Northern Mariana Islands [^]	909	909	903	99.3	99.3	0	1	0	1	0.1	0.1	0.0
Connecticut	35,564	35,560	35,338	99.4	99.4	0	0	9	9	0.0	0.0	0.0
Delaware [^]	11,066	10,932	10,769	97.3	98.5	0	0	229	229	2.1	2.1	0.0
District of Columbia [^]	13,401	13,385	13,136	98.0	98.1	0	0	127	127	0.9	0.9	0.0
Florida [^]	220,010	220,010	209,204	95.1	95.1	298	672	6,139	7,109	3.2	3.1	0.1
Georgia ^{Ω^}	127,322	127,322	123,725	97.2	97.2	6	16	2,061	2,083	1.6	1.6	0.0
Guam [^]	2,794	3,175	2,791	99.9	87.9	0	1	0	1	0.0	0.0	0.0
Hawaii [^]	16,708	16,832	16,579	99.2	98.5	0	0	6	6	0.0	0.0	0.0
Idaho [^]	21,491	21,767	21,017	97.8	96.6	4	343	42	389	1.8	1.8	0.0
Illinois [^]	137,791	138,631	135,666	98.5	97.9	18	33	928	979	0.7	0.7	0.0
Indiana [^]	78,622	78,622	77,218	98.2	98.2	55	0	4	59	0.1	0.0	0.1
Iowa [^]	37,585	37,585	37,010	98.5	98.5	1	9	0	10	0.0	0.0	0.0
Kansas [^]	36,980	36,980	36,615	99.0	99.0	157	2	0	159	0.4	0.0	0.4
Kentucky ^{Ω^}	50,621	50,621	49,745	98.3	98.3	0	0	113	113	0.2	0.2	0.0
Louisiana ^{Ω^}	58,831	58,831	58,251	99.0	99.0	0	0	70	70	0.1	0.1	0.0
Maine [^]	11,512	11,512	11,243	97.7	97.7	1	0	5	6	0.1	0.0	0.0
Marshall Islands ^{Ω^}	977	977	918	94.0	94.0	0	0	0	0	0.0	0.0	0.0
Maryland ^{Ω^}	66,803	66,803	66,185	99.1	99.1	25	3	1	29	0.0	0.0	0.0
Massachusetts [^]	69,924	69,924	69,354	99.2	99.2	1	0	15	16	0.0	0.0	0.0
Michigan [^]	105,915	107,917	105,079	99.2	97.4	0	0	39	39	0.0	0.0	0.0
Micronesia	1,782	2,049	1,584	88.9	77.3	0	0	0	0	0.0	0.0	0.0
Minnesota	65,250	65,095	64,424	98.7	99.0	7	2	0	9	0.0	0.0	0.0
Missouri	72,857	72,912	71,440	98.1	98.0	228	12	0	240	0.3	0.0	0.3
Montana [^]	11,125	11,125	10,803	97.1	97.1	1	2	36	39	0.4	0.3	0.0
Nebraska [^]	25,185	25,185	25,030	99.4	99.4	0	0	0	0	0.0	0.0	0.0

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	Births Reported to EHDI program	Births According to Vital Records				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
Nevada [^]	34,735	34,735	33,770	97.2	97.2	3	0	334	337	1.0	1.0	0.0
New Hampshire [^]	11,672	11,803	11,481	98.4	97.3	0	0	69	69	0.6	0.6	0.0
New Jersey ^{Ω^}	96,526	96,526	95,480	98.9	98.9	40	1	5	46	0.0	0.0	0.0
New Mexico [^]	21,562	21,583	20,750	96.2	96.1	0	7	12	19	0.1	0.1	0.0
New York	222,427	222,427	216,277	97.2	97.2	0	0	1,637	1,637	0.7	0.7	0.0
North Carolina [^]	120,638	120,581	119,709	99.2	99.3	0	26	29	55	0.0	0.0	0.0
North Dakota [^]	11,943	12,021	11,861	99.3	98.7	4	0	0	4	0.0	0.0	0.0
Ohio	135,132	135,116	132,162	97.8	97.8	0	0	12	12	0.0	0.0	0.0
Oklahoma [^]	47,413	48,939	47,088	99.3	96.2	4	0	16	20	0.0	0.0	0.0
Oregon [^]	42,187	42,292	41,669	98.8	98.5	8	1	18	27	0.1	0.0	0.0
Palau	213	213	209	98.1	98.1	0	0	0	0	0.0	0.0	0.0
Pennsylvania [^]	134,074	133,590	131,440	98.0	98.4	21	302	41	364	0.3	0.3	0.0
Puerto Rico [^]	18,745	20,431	18,556	99.0	90.8	22	1	72	95	0.5	0.4	0.1
Rhode Island [^]	10,708	10,708	10,627	99.2	99.2	5	2	0	7	0.1	0.0	0.0
South Carolina	53,453	53,453	52,207	97.7	97.7	0	0	645	645	1.2	1.2	0.0
South Dakota	12,224	12,224	11,749	96.1	96.1	0	0	289	289	2.4	2.4	0.0
Tennessee [^]	86,068	86,068	85,213	99.0	99.0	1	45	49	95	0.1	0.1	0.0
Texas [^]	375,509	385,277	370,561	98.7	96.2	0	0	3,059	3,059	0.8	0.8	0.0
Utah [^]	48,035	48,035	47,682	99.3	99.3	0	0	0	0	0.0	0.0	0.0
Vermont [^]	5,193	5,193	5,139	99.0	99.0	0	0	0	0	0.0	0.0	0.0
Virginia [^]	97,400	97,400	95,424	98.0	98.0	0	0	1,251	1,251	1.3	1.3	0.0
Washington [^]	83,895	84,789	83,511	99.5	98.5	42	30	0	72	0.1	0.0	0.1
West Virginia [^]	18,917	19,006	18,521	97.9	97.4	0	2	210	212	1.1	1.1	0.0
Wisconsin [^]	62,843	63,280	61,833	98.4	97.7	61	36	93	190	0.3	0.2	0.1
Wyoming [^]	5,918	5,918	5,835	98.6	98.6	1	0	0	1	0.0	0.0	0.0
Totals	3,604,761	3,622,973	3,545,388	98.4	97.9	1,139	1,641	17,722	20,502	0.6	0.5	0.03

Data Notes

LFU/LTD = Loss to follow-up / Loss to documentation

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.

^ΩThe number of "Births According to Vital Records" was not available. The number of "Births Reported to EHDI program" was used to populate this field.

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

[‡]The Percent Screened (Based on # of Vital Records Births) is over 100% because the number of infants screened is based on the EHDI program and Vital Records' birth number is the number of issued birth certificates.

*Percent Screened: (# Screened for Hearing Loss / # Total Occurrent Births Reported to EHDI Program) * 100

[†]Percent Screened based on number of Vital Record Births: (# Screened for Hearing Loss / Total Occurrent Births According to Vital Records) * 100

[†]Overall Percent LFU / LTD: ((# Contacted but Unresponsive + # Unable to Contact + # Unknown) / # Total Occurrent Births Reported to EHDI Program) * 100

^{**}Percent LFU / LTD due to unable to contact and unknown: ((# Unable to Contact + # Unknown) / # Total Occurrent Births Reported to EHDI Program) * 100

^{††}Percent Unresponsive: (# Contacted but Unresponsive / # Total Occurrent Births Reported to EHDI Program) * 100