

## 2017 Summary of Infants Not Passing Hearing Screening Diagnosed Before 3 Months of Age

July 2019

Data Source: 2017 CDC EHDI 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 <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)
Alabama*	53,998	2,177	1770	1025	89	64	1.6	1,859	1,089	58.6	50.0
Alaska*	9,958	120	62	38	8	3	0.8	70	41	58.6	34.2
American Samoa*	987	98	30	8	1	0	1.0	31	8	25.8	8.2
Arizona*	82,094	866	342	231	178	125	2.2	520	356	68.5	41.1
Arkansas*	35,588	592	55	25	64	20	1.8	119	45	37.8	7.6
California*	462,417	2912	1094	573	1011	647	2.2	2,105	1,220	58.0	41.9
Commonwealth of the Northern Mariana Islands*	1,195	43	2	2	3	3	2.5	5	5	100.0	11.6
Connecticut	36,467	421	279	232	78	51	2.1	357	283	79.3	67.2
Delaware*	10,967	48	36	24	12	9	1.1	48	33	68.8	68.8
District of Columbia	13,491	540	46	39	11	7	0.8	57	46	80.7	8.5
Florida*	214,109	9134	7615	6928	288	180	1.3	7,903	7,108	89.9	77.8
Georgia*	128,168	1618	617	397	241	108	1.9	858	505	58.9	31.2
Guam*	2,895	60	4	2	5	4	1.7	9	6	66.7	10.0
Hawaii*	17,205	171	68	47	61	43	3.5	129	90	69.8	52.6
Idaho*	21,929	605	349	309	47	30	2.1	396	339	85.6	56.0
Illinois	143,911	1749	775	576	312	179	2.2	1,087	755	69.5	43.2
Indiana*	76,876	2817	2037	1589	193	105	2.5	2,230	1,694	76.0	60.1
Iowa*	37,794	555	281	221	73	50	1.9	354	271	76.6	48.8
Kansas*	37,603	703	553	473	53	21	1.4	606	494	81.5	70.3
Kentucky*	51,645	1463	1133	985	91	43	1.8	1,224	1,028	84.0	70.3
Louisiana	59,867	661	78	34	83	32	1.4	161	66	41.0	10.0
Maine*	11,789	231	159	121	21	11	1.8	180	132	73.3	57.1
Marshall Islands*	884	22	6	4	6	2	6.8	12	6	50.0	27.3
Maryland*	67,586	974	649	480	94	64	1.4	743	544	73.2	55.9
Massachusetts	70,879	1212	877	757	148	114	2.1	1,025	871	85.0	71.9
Michigan*	108,617	1258	406	191	167	96	1.5	573	287	50.1	22.8
Micronesia	1,429	108	108	85	0	0	0.0	108	85	78.7	78.7
Minnesota*	66,792	813	324	204	162	104	2.4	486	308	63.4	37.9
Mississippi	36,872	603	417	346	54	19	1.5	471	365	77.5	60.5
Missouri	72,452	1100	624	608	113	84	1.6	737	692	93.9	62.9
Montana*	11,524	237	30	16	22	15	1.9	52	31	59.6	13.1
Nebraska*	26,116	194	92	51	51	39	2.0	143	90	62.9	46.4
Nevada	34,743	431	161	104	65	40	1.9	226	144	63.7	33.4
New Hampshire*	11,732	394	247	165	20	8	1.7	267	173	64.8	43.9
New Jersey*	98,312	707	232	162	126	76	1.3	358	238	66.5	33.7
New Mexico*	21,679	463	219	147	53	30	2.4	272	177	65.1	38.2
New York	224,630	2218	630	410	334	140	1.5	964	550	57.1	24.8
North Carolina*	121,240	836	245	124	199	112	1.6	444	236	53.2	28.2
North Dakota*	12,317	282	60	29	23	11	1.9	83	40	48.2	14.2

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>2</sup> among the Diagnosed (Includes cases of normal hearing and hearing loss)	Percent Diagnosed Before 3 Months of Age <sup>3</sup> among those Not Passing the Screen (Includes cases of normal hearing and hearing loss)
Ohio <sup>**</sup>	134,423	4,129	2,622	2,271	261	182	1.9	2,883	2,453	85.1	59.4
Oklahoma <sup>**</sup>	48,177	631	0	0	85	26	1.8	85	26	30.6	4.1
Oregon <sup>*</sup>	43,424	1,189	937	712	97	56	2.2	1,034	768	74.3	64.6
Palau	219	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pennsylvania <sup>*</sup>	131,855	1,414	603	421	221	130	1.7	824	551	66.9	39.0
Puerto Rico <sup>*</sup>	23,784	830	465	247	22	11	0.9	487	258	53.0	31.1
Rhode Island <sup>*</sup>	11,102	384	198	119	35	19	3.2	233	138	59.2	35.9
South Carolina	52,333	933	287	242	97	45	1.9	384	287	74.7	30.8
South Dakota	12,482	270	20	17	37	27	3.0	57	44	77.2	16.3
Tennessee <sup>*</sup>	85,668	4,328	3,219	2,954	148	116	1.7	3,367	3,070	91.2	70.9
Texas <sup>*</sup>	373,701	4,956	1,410	877	417	263	1.1	1,827	1,140	62.4	23.0
Utah <sup>*</sup>	49,268	435	257	198	98	84	2.0	355	282	79.4	64.8
Vermont <sup>*</sup>	5,450	32	18	16	11	11	2.0	29	27	93.1	84.4
Virginia <sup>*</sup>	97,672	1,548	753	503	159	78	1.6	912	581	63.7	37.5
Washington <sup>*</sup>	85,687	934	438	266	157	99	1.8	595	365	61.3	39.1
West Virginia <sup>*</sup>	18,689	681	118	100	5	1	0.3	123	101	82.1	14.8
Wisconsin <sup>*</sup>	63,759	709	388	303	115	48	1.8	503	351	69.8	49.5
Wyoming <sup>*</sup>	6,158	20	5	4	12	11	1.9	17	15	88.2	75.0
<b>Totals</b>	<b>3,742,608</b>	<b>62,859</b>	<b>34,450</b>	<b>27,012</b>	<b>6,537</b>	<b>3,896</b>	<b>1.7</b>	<b>40,987</b>	<b>30,908</b>	<b>75.4</b>	<b>49.2</b>

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

<sup>2</sup>Percent Diagnosed Before 3 Months of Age among the Diagnosed: (# Total Diagnosed Before 3 Months of Age / # Total Diagnosed) \* 100

<sup>3</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 page 5-6 of the 2017 CDC EHDI Hearing Screening and Follow-up Survey Explanations document 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>One hospital experienced screener issues during the report period. Per CDC guidance, inpatient screening results were removed and marked as missed. One outpatient screening was permitted for these children.