

Summary of 2007 National CDC EHDI Data Version 1

Data Source: 2007 CDC EHDI Hearing Screening & Follow-up Survey (HSFS)

Number of Respondents: 48 states and 2 territories

AL, AK, AR, AZ, CA, CNMI, CO, CT, FL, Guam, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY

Note: The number of respondents for the below data items varies because some jurisdictions were only able to report partial data (e.g., only hearing screening data).

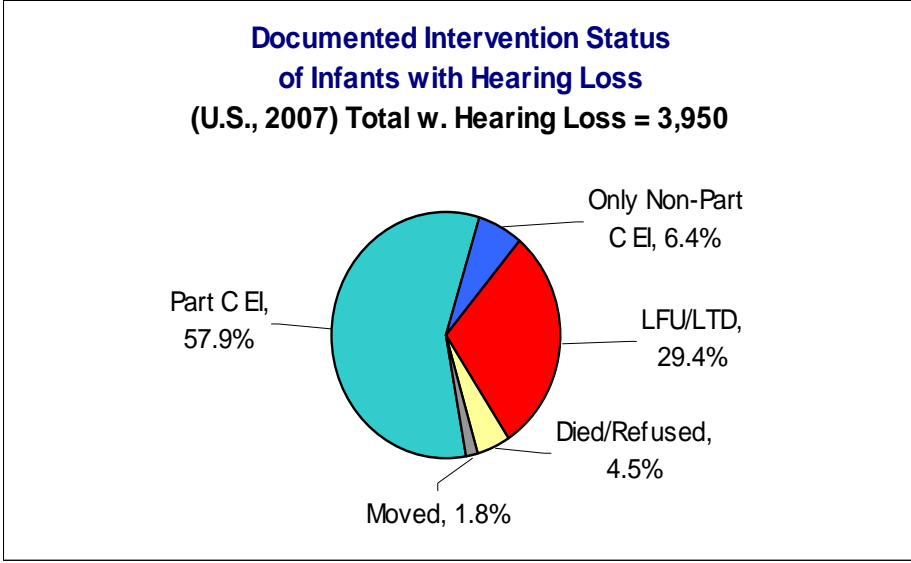
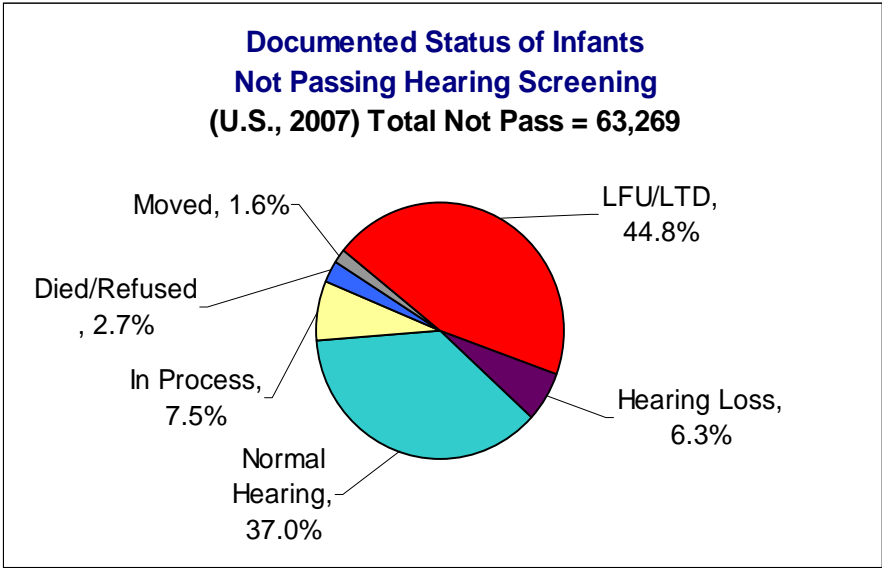
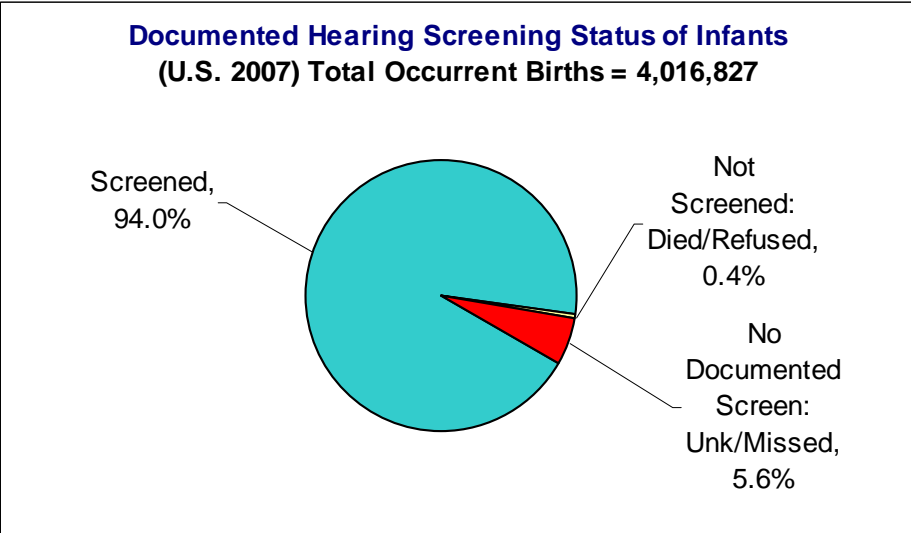
2007 Documented EHDI Data Items	
Occurrent Births (<i>according to state & territorial EHDI programs</i>) [^]	4,016,827
o Occurrent Births (<i>as reported by Vital Records programs</i>) [^]	4,056,618
Documented Hearing Screening[^]	
Percent Screened	94.0% (n = 3,775,361) <i>(Range 76% – 99%)</i>
o Percent Screened (<i>excluding infant deaths & parental refusals</i>)	94.4%
o Percent Screened (<i>based on the # of births reported by Vital Records</i>)	93.1%
o Percent Not Passing final / most recent screening	1.8% (n = 67,659)

Documented Diagnosis* (<i>based on 63,269 infants not passing</i>)	
Percent Normal Hearing (<i>i.e., no diagnosed hearing loss</i>)	37.0% (n = 23,429)
Percent Hearing Loss	6.3% (n = 4,016)
Prevalence of Hearing Loss	1.2 per 1,000 screened
No Documented Diagnosis*	
Percent w. No Documented Diagnosis (<i>of those Not Passing</i>):	56.6% (n = 35,824)
o In Process	7.5% (n = 4,744)
o Infant Died / Parents Declined	2.7% (n = 1,730)
o Non-Resident / Moved	1.6% (n = 1,003)
o Percent Loss to Follow-up (LFU) / Loss to Documentation (LTD) for Diagnosis	44.8% (n = 28,347) <i>(Range 0% – 96%)</i>

Documented Referral to Early Intervention (EI)** (<i>based on 3,950 infants w. hearing loss</i>)	
Percent Referred to Part C EI (<i>of those with hearing loss</i>)	85.5% (n = 3,377)
o Percent Eligible for Part C EI (<i>of those referred</i>)	91.0% (n = 3,072)
o Percent Not Eligible / Eligibility Unknown (<i>of those referred</i>)	9.0% (n = 305)
Percent Not Referred to Part C and Unknown (<i>of those with hearing loss</i>)	14.5% (n = 573)
Documented Enrollment in EI**	
Percent w. Hearing Loss Receiving EI (<i>Part C & Non-Part C</i>)	64.3% (n = 2,541) <i>(Range 0% – 100%)</i>
o Percent Enrolled in Part C EI (<i>of those with hearing loss</i>)	57.9% (n = 2,287)
o Percent Enrolled in Part C EI (<i>of only those eligible for Part C</i>)	74.4% (n = 2,287)
o Percent Receiving Only <i>Non-Part C</i> EI (<i>of those with hearing loss</i>)	6.4% (n = 254)
No Documented Enrollment in EI**	
Percent Receiving No EI Services (<i>of those with hearing loss</i>)	35.7% (n = 1,409)
o Infant Died / Parents Declined (<i>of those with hearing loss</i>)	4.5% (n = 176)
o Non-Resident / Moved (<i>of those with hearing loss</i>)	1.8% (n = 72)
o Percent LFU / LTD for Intervention	29.4% (n = 1,161) <i>(Range 0.0% – 100%)</i>

Based on data from: [^] 48 States & Territories; ^{*} 45 States & Territories; ^{**} 44 States & Territories

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Data Notes

- HSFS Data reflects information that states and territories have reportedly **documented** without estimation. As a result, data reported by CDC EHDI may differ from other sources.
- In a small number of cases the data reported by respondents was so incomplete that it could not be included in the calculations for any of the year 2007 data items.
- Some respondents only provided partial data (e.g. hearing screening data only). As a result the number of reporting states and territories and denominators varies for some of the data sections.
- This data is subject to change if additional states and/or territories report data for year 2007.
- **In Process:** Respondents were advised that infants reported as being "In Process" must have been seen for audiologic diagnostic testing *at least one time* to be reported in this category.
- **LFU (Loss to Follow-up) / LTD (Loss to Documentation):** Sub group of "No Documented Diagnosis" and "Total No Services." Includes infants where families were *Unable to be contacted* or *Unresponsive* and *Unknown* cases.

Explanation of Calculations

Documented Hearing Screening (Based on data from 48 States & Territories)

Percent Screened:

3,775,361 (# screened) / 4,016,827 (occurrent births reported by EHDI programs) x 100 = 94.0%

Percent Screened (excluding infant deaths & parental refusals):

3,775,361 (# screened) / 3,999,602 (occurrent births excluding infant deaths & parental refusals) x 100 = 94.4%

Percent Screened (based on the # of births reported by Vital Records):

3,775,361 (# screened) / 4,056,618 (occurrent births as reported by Vital Records) x 100 = 93.1%

Percent Not Passing final / most recent hearing screening:

67,659 (# not pass) / 3,775,361 (# screened) x 100 = 1.8%

Documented Diagnosis (based on 63,269 infants not passing / data from 45 States & Territories)

Percent Normal Hearing (i.e., no diagnosed hearing loss)

23,429 (# w. normal hearing) / 63,269 (# not pass) x 100 = 37.0%

Percent Hearing Loss

4,016 (# with diagnosed permanent hearing loss) / 63,269 (# not pass) x 100 = 6.3%

Incidence of Hearing Loss

4,016 (# with diagnosed permanent hearing loss) / 3,311,470 (# screened) x 1,000 = 1.2 per 1,000 screened

No Documented Diagnosis (based on 63,269 infants not passing / data from 45 States & Territories)

Percent with No Documented Diagnosis (of those Not Passing):

35,824 (# with no documented diagnosis) / 63,269 (# not pass) x 100 = 56.6%

Percent In Process

4,744 (# in process) / 63,269 (# not pass) x 100 = 7.5%

Summary of 2007 National CDC EHD Data Version 1

Percent Infant Died / Parents Declined Services

1,730 (# infant died / parents declined services) / 63,269 (# not pass) x 100 = 2.7%

Percent Non-resident or Moved Out of Jurisdiction

1,003 (# non-resident or moved out of jurisdiction) / 63,269 (# not pass) x 100 = 1.6%

Percent LFU / LTD (i.e., Unable to Contact / Unresponsive / Unknown)

28,347 (# unable to contact / unresponsive / unknown) / 63,269 (# not pass) x 100 = 44.8%

Documented Referral to EI (based on 3,950 infants w. hearing loss / 44 States & Territories)

Percent Referred to Part C EI (of those with hearing loss)

3,377 (# referred to Part C EI) / 3,950 (# w. permanent hearing loss) x 100 = 85.5%

Percent Eligible for Part C EI (of those referred)

3,072 (# eligible for Part C) / 3,377 (# referred to Part C) x 100 = 91.0%

Percent Not Eligible / Eligibility Unknown (of those referred)

305 (# not eligible for Part C and with unknown eligibility) / 3,377 (# referred to Part C) x 100 = 9.0%

Percent Not Referred to Part C and Unknown (of those with hearing loss)

573 (# not referred to Part C and unknown) / 3,950 (# w. permanent hearing loss) x 100 = 14.5%

Documented Enrollment in EI (based on 3,950 infants w. hearing loss / 44 States & Territories)

Percent w. Hearing Loss Receiving EI (Part C & Non-Part C)

2,541 (#w. hearing loss receiving Part C & non-Part C EI) / 3,950 (# w. permanent hearing loss) x 100 = 64.3%

Percent Enrolled in Part C EI (of those with hearing loss)

2,287 (# enrolled in Part C EI) / 3,950 (# w. permanent hearing loss) x 100 = 57.9%

Percent Enrolled in Part C EI (of only those eligible for Part C)

2,287 (# enrolled in Part C EI) / 3,072 (# eligible for Part C EI) x 100 = 74.4%

Percent Receiving Only Non-Part C EI (of those with hearing loss)

254 (# receiving only non-Part C EI) / 3,950 (# w. permanent hearing loss) x 100 = 6.4%

No Documented Enrollment in EI (based on 3,950 infants w. hearing loss / 44 States & Territories)

Percent Receiving No EI Services (of those with hearing loss)

1,409 (# not receiving any EI services) / 3,950 (# w. permanent hearing loss) x 100 = 35.7%

Percent Infant Died / Parents Declined (of those with hearing loss)

176 (# infant died / parents declined services) / 3,950 (# w. permanent hearing loss) x 100 = 4.5%

Percent Non-Resident / Moved (of those with hearing loss)

72 (# non-resident or moved out of jurisdiction) / 3,950 (# w. permanent hearing loss) x 100 = 1.8%

Percent LFU / LTD for Intervention

1,161 (# unable to contact / unresponsive / unknown) / 3,950 (# w. permanent hearing loss) x 100 = 29.4%