

## DSHPSHWA Data Summary: Reporting Year 2004 Version E

**Source:** Directors of Speech & Hearing Programs in State Health & Welfare Agencies (DSHPSHWA) 2004 survey

**Please Note:** 1) Data reported by states and territories was estimated in some cases  
2) This data may be updated in the future

Category	# States and Territories Reporting	Statistics (Estimated)
Screened for hearing loss	49	<b>91.8%</b> (3,496,452 / 3,810,234)
Screened for hearing loss before discharge	42	<b>98.3%</b> (2,613,917 / 2,659,117)
Referred for audiological evaluation	48	<b>1.8%</b> (59,441 / 3,363,758)
Receiving audiological evaluation	41	<b>48.7%</b> (25,376 / 52,080)
Loss to System	41	<b>51.3%</b> (represents 26,704 infants)
Receiving audiological evaluation by 3 months	36	<b>75.70%*</b> (14,909 / 19,685 evaluated) <b>33.9%**</b> (14,909 / 44,032 referred)
Identified with hearing loss	47	<b>3,600</b> (1.11 per 1,000 screened); <b>Range:</b> 0.22 – 3.61 per 1,000 screened
Identified with hearing loss through an EHDI program	47	<b>95.6%</b> (3,441 infants with hearing loss were identified through a newborn hearing screening program out of a total of 3,600 identified with hearing loss)
Enrolled in Intervention	40	<b>65.3%</b> (1,859 / 2,846)
Enrolled in Intervention by 6 months	39 <sup>^</sup>	<b>69.9%^^</b> (1,277 / 1,828 in intervention) – 38 states <b>46.3%</b> (1,301 / 2,810 identified w. hearing loss) – 39 states

**39<sup>^</sup>:** One state reported the number enrolled in early intervention by six months but not the total number enrolled in intervention overall. As a result, the number of states used to calculate the 69.9% value (i.e., the percent in intervention by six months / the total number enrolled in intervention) was **37** states

**^^** This calculation does not include the number enrolled in intervention by six months for one state because that state did not report the corresponding number in intervention overall. As a result it is based on data from 38 states

*The calculations for these statistics are listed on page two*

## Explanation of Calculations (2004 DSHPSHWA Data)

Screened for hearing loss: 91.8%; 3,496,452 (# screened for HL) / 3,810,234 (# of live births) reported in 49 states

Screened for hearing loss before discharge: 98.3%; 2,613,917 (# screened for HL before hospital discharge) / 2,659,117 (# screened for HL) in 42 states

Referred for audiological evaluation: 1.8%; 59,441 (# referred for evaluation) / 3,363,758 (# screened for HL) in 48 states

Receiving audiological evaluation: 48.7%; 25,376 (# reported to have received an evaluation) / 52,080 (# reported to have been referred for an evaluation) in 41 states

Loss to System:  $100 - 48.7\% = 51.3\%$  (Percent reported to have not received an audiologic evaluation) in 41 states

Receiving audiological evaluation by 3 months: 75.7%\*: 14,909 (# reported to have received an evaluation by 3 months) / 19,685 (overall # reported to have received an evaluation) in 36 states

33.9%\*\*: 14,909 (# reported to have received an evaluation by 3 months) / 44,032 (# reported to have been referred for an evaluation) in 36 states

**Note:** Some states may have included those infants that were only referred for a second screening (not a full evaluation) in the number reported as referred for evaluation. In some cases, the number reported as receiving a full diagnostic evaluation may not have included the number that had also received a second screening

Provides a potential estimate of the percent of children who may not have received recommended follow-up testing or those cases where no information about completed follow-up testing was reported to the state or territory EHDl program

Identified with hearing loss: 3,600 (# identified) out of 3,250,732 newborns (91.3% of live births) screened in these 47 states

Identified with hearing loss through an EHDl program: 3,441 (# identified through a newborn hearing screening program) out of a total of 3,600 identified overall in 47 states. Results in 95.6% of those identified with a hearing loss being identified by a newborn hearing screening program

Enrolled in Intervention: 65.3%: 1,859 (# with hearing loss enrolled in intervention) / 2,846 (# identified with hearing loss in the 40 states that also reported the # enrolled in intervention)

Enrolled in Intervention by 6 months: 69.9%^^: 1,277 (# enrolled in intervention by 6 months; *not including the number reported by the state that did not report the corresponding total number enrolled in intervention*) / 1,828 (# enrolled in intervention) in 38 states

46.3%: 1,301 (number enrolled in intervention by 6 months) / 2,810 (# identified with HL in the 39 states that also reported the # enrolled in intervention by six months)

**Please Note:** 1) Data reported by states and territories was estimated in some cases  
2) This data may be updated in the future