

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

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AGE	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	10	2.5	211	2.1	748	1.9
Total known information	390	100.0	9762	100.0	37996	100.0
Under 3 years	1	0.3	95	1.0	566	1.5
From 3 to 5 years	17	4.4	547	5.6	2490	6.6
From 6 to 9 years	73	18.7	1950	20.0	7283	19.2
From 10 to 13 years	106	27.2	2846	29.2	10634	28.0
From 14 to 17 years	136	34.9	2857	29.3	11036	29.0
18 years and older	57	14.6	1467	15.0	5987	15.8
SEX						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.3	84	0.8	239	0.6
Total known information	399	100.0	9889	100.0	38505	100.0
Male	226	56.6	5453	55.1	20935	54.4
Female	173	43.4	4436	44.9	17570	45.6
RACE/ETHNIC BACKGROUND						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	5	1.3	119	1.2	595	1.5
Total known information	395	100.0	9854	100.0	38149	100.0
White	334	84.6	6490	65.9	19640	51.5
Black/African-American	28	7.1	1474	15.0	5880	15.4
Hispanic/Latino	15	3.8	1015	10.3	9226	24.2
American Indian/Alaska Native	0	0.0	46	0.5	329	0.9
Asian/Pacific Islander	4	1.0	390	4.0	1567	4.1
Other	7	1.8	228	2.3	688	1.8
Multi-ethnic background indicated	7	1.8	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	10	2.5	355	3.6	1412	3.6
Total known information	390	100.0	9618	100.0	37332	100.0
At birth	166	42.6	3663	38.1	15644	41.9
Under 3 years	67	17.2	1690	17.6	7158	19.2
3 years or older	26	6.7	607	6.3	2120	5.7
Unknown	131	33.6	3658	38.0	12410	33.2
ETIOLOGY **						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	10	2.5	373	3.7	1618	4.2
Total Known Information	390	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	61	15.6	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	1	0.3	34	0.4	246	0.7
Cytomegalovirus (CMV)	5	1.3	134	1.4	629	1.7
Maternal drug/alcohol abuse	5	1.3	76	0.8	260	0.7
Medications taken by mother	4	1.0	28	0.3	109	0.3
Rh incompatibility	1	0.3	21	0.2	97	0.3
Consequence of prematurity	19	4.9	353	3.7	1523	4.1
Trauma at birth	11	2.8	74	0.8	296	0.8
Other complications of pregnancy	21	5.4	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	33	8.5	717	7.5	1851	5.0
Meningitis	21	5.4	330	3.4	1483	4.0
Other infections	1	0.3	90	0.9	478	1.3
Medications taken by child	4	1.0	160	1.7	577	1.6
Trauma after birth	5	1.3	73	0.8	276	0.7
Other post-birth cause	16	4.1	340	3.5	1265	3.4
Cause cannot be determined/DNA	196	50.3	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	36	9.0	820	8.2	3033	7.8
Total known info., Either Parent	364	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	346	95.1	8407	91.8	32944	92.3
Hard of hearing	14	3.8	347	3.8	1015	2.8
Deaf	4	1.1	369	4.0	1614	4.5
Unknown	0	0.0	30	0.3	138	0.4
Father's status: Hearing	329	90.4	7805	85.3	30811	86.3
Hard of hearing	6	1.6	247	2.7	727	2.0
Deaf	3	0.8	324	3.5	1413	4.0
Unknown	26	7.1	777	8.5	2760	7.7
Both parents hearing	316	86.8	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	4	1.1	345	3.8	1447	4.1
One parent deaf/hh; other hearing	18	4.9	490	5.4	1555	4.4
One parent deaf/hh; other unknown	1	0.3	107	1.2	320	0.9
One parent hearing; other unknown	25	6.9	700	7.6	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	23	5.8	493	4.9	2217	5.7
Total known information	377	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	30	8.0	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	321	85.1	7356	77.6	28662	78.5
Data Not Available	26	6.9	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	96	24.0	1902	19.1	7982	20.6
Total known information	304	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	263	86.5	7174	88.9	27211	88.5
Sound field	41	13.5	897	11.1	3551	11.5
DEGREE OF HEARING LOSS						
	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	51	12.8	1170	11.7	5146	13.3
Total known information	349	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	93	26.6	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	70	20.1	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	61	17.5	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	48	13.8	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	39	11.2	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	38	10.9	1952	22.2	10136	30.2
COCHLEAR IMPLANT						
	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	15	3.8	357	3.6	1591	4.1
Total known information	385	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	343	89.1	8636	89.8	33578	90.4
Have had a cochlear implant	42	10.9	980	10.2	3575	9.6
Implant Use						
Total students	42	100.0	980	100.0	3575	100.0
Information NOT reported	1	2.4	41	4.2	160	4.5
Total known information	41	100.0	939	100.0	3415	100.0
Implant still used	40	97.6	856	91.2	3118	91.3
Implant no longer used	1	2.4	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	42	100.0	980	100.0	3575	100.0
Information NOT reported	12	28.6	344	35.1	1130	31.6
Total known information	30	100.0	636	100.0	2445	100.0
Implant used in classroom	29	96.7	573	90.1	2194	89.7
Implant not used in classroom	1	3.3	63	9.9	251	10.3
FUNCTIONAL HEARING ABILITY	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	9	2.3	399	4.0	1488	3.8
Total known information	391	100.0	9574	100.0	37256	100.0
Functions normally	67	17.1	1566	16.4	4808	12.9
Mildly limited	209	53.5	4048	42.3	14113	37.9
+ Moderately limited	31	7.9	709	7.4	1995	5.4
Severely limited	67	17.1	2296	24.0	11523	30.9
No functional hearing	17	4.3	955	10.0	4817	12.9
HEARING AID USE FOR INSTRUCTION	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	14	3.5	242	2.4	1128	2.9
Total known information	386	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	253	65.5	5762	59.2	22568	60.0
Hearing aid not used for instruction	133	34.5	3969	40.8	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	25	6.3	678	6.8	2758	7.1
Total known information	375	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	152	40.5	4116	44.3	14441	40.1
Group ALD not used for instruction	223	59.5	5179	55.7	21545	59.9

+ "Moderately limited" is a new, added response for the functional hearing ability question in the 2003-04 Annual Survey. This response is not included in the data reported to the 2003-04 Texas State Survey.

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	5	1.3	224	2.2	1098	2.8
Total known information	395	100.0	9749	100.0	37646	100.0
English	373	94.4	8361	85.8	28724	76.3
Spanish	5	1.3	463	4.7	4409	11.7
Other	5	1.3	322	3.3	980	2.6
Multiple languages	12	3.0	603	6.2	3533	9.4
SIGN USE IN THE HOME						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	15	3.8	446	4.5	1902	4.9
Total known information	385	100.0	9527	100.0	36842	100.0
Family members regularly sign	85	22.1	2284	24.0	9921	26.9
Family members do not regularly sign	296	76.9	6889	72.3	25415	69.0
Data not available	4	1.0	354	3.7	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	5	1.3	78	0.8	394	1.0
Total known information	395	100.0	9895	100.0	38350	100.0
Speech only	264	66.8	5511	55.7	18120	47.2
Sign and speech	125	31.6	3617	36.6	15460	40.3
Sign only	3	0.8	655	6.6	4175	10.9
Cued Speech	0	0.0	29	0.3	117	0.3
Other	3	0.8	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	9	2.3	115	1.2	567	1.5
Total known information	391	100.0	9858	100.0	38177	100.0
Special school or center	10	2.6	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	88	22.5	3335	33.8	11854	31.1
Resource room	150	38.4	1537	15.6	5290	13.9
Regular education setting	284	72.6	5073	51.5	17573	46.0
Home	0	0.0	193	2.0	1156	3.0
Other	14	3.6	384	3.9	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	7	1.8	217	2.2	903	2.3
Total known information	393	100.0	9756	100.0	37841	100.0
None	36	9.2	3040	31.2	13994	37.0
1 to 5 hours/week	34	8.7	938	9.6	4000	10.6
6 to 15 hours/week	59	15.0	1160	11.9	4226	11.2
16 to 25 hours/week	62	15.8	1133	11.6	3847	10.2
26 or more hours/week	202	51.4	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	7	1.8	182	1.8	817	2.1
Total known information	393	100.0	9791	100.0	37927	100.0
No support services	16	4.1	465	4.7	2179	5.7
Oral interpreting	8	2.0	93	0.9	381	1.0
Sign interpreting	86	21.9	2277	23.3	8749	23.1
Cued speech transliteration	0	0.0	29	0.3	126	0.3
Tutoring	26	6.6	541	5.5	2667	7.0
Speech training/therapy	233	59.3	5800	59.2	22973	60.6
Notetaking	30	7.6	381	3.9	1636	4.3
Real-time captioning	8	2.0	116	1.2	411	1.1
Counseling	5	1.3	1190	12.2	4229	11.2
Itinerant teacher services	176	44.8	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	86	21.9	1339	13.7	6755	17.8
Auditory training	47	12.0	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	29	7.4	907	9.3	3350	8.8
Other	76	19.3	1253	12.8	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	19	4.8	667	6.7	2585	6.7
Total known information	381	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	211	55.4	5571	59.9	21860	60.5
Low vision	9	2.4	278	3.0	1134	3.1
Legal blindness	7	1.8	115	1.2	517	1.4
Learning disability	40	10.5	1031	11.1	3621	10.0
Mental retardation	63	16.5	969	10.4	3288	9.1
Attention Deficit Disorder	31	8.1	744	8.0	2388	6.6
Emotional disturbance	10	2.6	191	2.1	714	2.0
Cerebral palsy	21	5.5	268	2.9	1153	3.2
Other conditions	43	11.3	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Indiana		Midwest		Nation	
	N	%	N	%	N	%
Total students	400	100.0	9973	100.0	38744	100.0
Information NOT reported	3	0.8	383	3.8	1791	4.6
Total known information	397	100.0	9590	100.0	36953	100.0
No functional limitations	117	29.5	2959	30.9	11268	30.5
1 or more functional limitation	280	70.5	6631	69.1	25685	69.5
*Vision	40	10.1	1143	11.9	4623	12.5
*Thinking/reasoning	144	36.3	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	170	42.8	3801	39.6	14372	38.9
*Expressive communication	187	47.1	4805	50.1	19456	52.7
*Receptive communication	213	53.7	4931	51.4	19674	53.2
*Social interaction/classroom behavior	102	25.7	3014	31.4	11385	30.8
*Use of hands, arms, and legs	49	12.3	1213	12.6	4587	12.4
*Balance	32	8.1	927	9.7	3836	10.4
*Overall physical health	45	11.3	1049	10.9	4142	11.2

** Percent may total more than 100.0 because multiple responses were allowed

* Note: Percents are based on total known information.

For example, 12,788 (34.6%) of the students were reported to have some level of functional limitation (mild to moderate or severe to profound) in their thinking/reasoning skills - when compared to non-disabled hearing children.

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