

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	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	8	3.3	211	2.1	748	1.9
Total known information	234	100.0	9762	100.0	37996	100.0
Under 3 years	6	2.6	95	1.0	566	1.5
From 3 to 5 years	31	13.2	547	5.6	2490	6.6
From 6 to 9 years	54	23.1	1950	20.0	7283	19.2
From 10 to 13 years	57	24.4	2846	29.2	10634	28.0
From 14 to 17 years	50	21.4	2857	29.3	11036	29.0
18 years and older	36	15.4	1467	15.0	5987	15.8
SEX						
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	0	0.0	84	0.8	239	0.6
Total known information	242	100.0	9889	100.0	38505	100.0
Male	130	53.7	5453	55.1	20935	54.4
Female	112	46.3	4436	44.9	17570	45.6
RACE/ETHNIC BACKGROUND						
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	3	1.2	119	1.2	595	1.5
Total known information	239	100.0	9854	100.0	38149	100.0
White	194	81.2	6490	65.9	19640	51.5
Black/African-American	10	4.2	1474	15.0	5880	15.4
Hispanic/Latino	16	6.7	1015	10.3	9226	24.2
American Indian/Alaska Native	2	0.8	46	0.5	329	0.9
Asian/Pacific Islander	9	3.8	390	4.0	1567	4.1
Other	1	0.4	228	2.3	688	1.8
Multi-ethnic background indicated	7	2.9	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	9	3.7	355	3.6	1412	3.6
Total known information	233	100.0	9618	100.0	37332	100.0
At birth	98	42.1	3663	38.1	15644	41.9
Under 3 years	41	17.6	1690	17.6	7158	19.2
3 years or older	14	6.0	607	6.3	2120	5.7
Unknown	80	34.3	3658	38.0	12410	33.2
ETIOLOGY **						
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	13	5.4	373	3.7	1618	4.2
Total Known Information	229	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	45	19.7	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	1	0.4	34	0.4	246	0.7
Cytomegalovirus (CMV)	3	1.3	134	1.4	629	1.7
Maternal drug/alcohol abuse	1	0.4	76	0.8	260	0.7
Medications taken by mother	0	0.0	28	0.3	109	0.3
Rh incompatibility	0	0.0	21	0.2	97	0.3
Consequence of prematurity	6	2.6	353	3.7	1523	4.1
Trauma at birth	3	1.3	74	0.8	296	0.8
Other complications of pregnancy	5	2.2	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	9	3.9	717	7.5	1851	5.0
Meningitis	9	3.9	330	3.4	1483	4.0
Other infections	4	1.7	90	0.9	478	1.3
Medications taken by child	4	1.7	160	1.7	577	1.6
Trauma after birth	2	0.9	73	0.8	276	0.7
Other post-birth cause	7	3.1	340	3.5	1265	3.4
Cause cannot be determined/DNA	135	59.0	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	22	9.1	820	8.2	3033	7.8
Total known info., Either Parent	220	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	212	96.4	8407	91.8	32944	92.3
Hard of hearing	7	3.2	347	3.8	1015	2.8
Deaf	1	0.5	369	4.0	1614	4.5
Unknown	0	0.0	30	0.3	138	0.4
Father's status: Hearing	201	91.4	7805	85.3	30811	86.3
Hard of hearing	6	2.7	247	2.7	727	2.0
Deaf	1	0.5	324	3.5	1413	4.0
Unknown	12	5.5	777	8.5	2760	7.7
Both parents hearing	195	88.6	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	0	0.0	345	3.8	1447	4.1
One parent deaf/hh; other hearing	13	5.9	490	5.4	1555	4.4
One parent deaf/hh; other unknown	2	0.9	107	1.2	320	0.9
One parent hearing; other unknown	10	4.5	700	7.6	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	7	2.9	493	4.9	2217	5.7
Total known information	235	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	27	11.5	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	195	83.0	7356	77.6	28662	78.5
Data Not Available	13	5.5	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	34	14.0	1902	19.1	7982	20.6
Total known information	208	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	166	79.8	7174	88.9	27211	88.5
Sound field	42	20.2	897	11.1	3551	11.5
DEGREE OF HEARING LOSS						
	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	22	9.1	1170	11.7	5146	13.3
Total known information	220	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	29	13.2	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	34	15.5	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	42	19.1	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	36	16.4	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	32	14.5	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	47	21.4	1952	22.2	10136	30.2
COCHLEAR IMPLANT						
	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	7	2.9	357	3.6	1591	4.1
Total known information	235	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	203	86.4	8636	89.8	33578	90.4
Have had a cochlear implant	32	13.6	980	10.2	3575	9.6
Implant Use						
Total students	32	100.0	980	100.0	3575	100.0
Information NOT reported	0	0.0	41	4.2	160	4.5
Total known information	32	100.0	939	100.0	3415	100.0
Implant still used	29	90.6	856	91.2	3118	91.3
Implant no longer used	3	9.4	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	32	100.0	980	100.0	3575	100.0
Information NOT reported	10	31.3	344	35.1	1130	31.6
Total known information	22	100.0	636	100.0	2445	100.0
Implant used in classroom	21	95.5	573	90.1	2194	89.7
Implant not used in classroom	1	4.5	63	9.9	251	10.3
FUNCTIONAL HEARING ABILITY	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	7	2.9	399	4.0	1488	3.8
Total known information	235	100.0	9574	100.0	37256	100.0
Functions normally	47	20.0	1566	16.4	4808	12.9
Mildly limited	85	36.2	4048	42.3	14113	37.9
+ Moderately limited	25	10.6	709	7.4	1995	5.4
Severely limited	63	26.8	2296	24.0	11523	30.9
No functional hearing	15	6.4	955	10.0	4817	12.9
HEARING AID USE FOR INSTRUCTION	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	4	1.7	242	2.4	1128	2.9
Total known information	238	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	176	73.9	5762	59.2	22568	60.0
Hearing aid not used for instruction	62	26.1	3969	40.8	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	16	6.6	678	6.8	2758	7.1
Total known information	226	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	89	39.4	4116	44.3	14441	40.1
Group ALD not used for instruction	137	60.6	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	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	3	1.2	224	2.2	1098	2.8
Total known information	239	100.0	9749	100.0	37646	100.0
English	219	91.6	8361	85.8	28724	76.3
Spanish	10	4.2	463	4.7	4409	11.7
Other	5	2.1	322	3.3	980	2.6
Multiple languages	5	2.1	603	6.2	3533	9.4
SIGN USE IN THE HOME						
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	4	1.7	446	4.5	1902	4.9
Total known information	238	100.0	9527	100.0	36842	100.0
Family members regularly sign	68	28.6	2284	24.0	9921	26.9
Family members do not regularly sign	166	69.7	6889	72.3	25415	69.0
Data not available	4	1.7	354	3.7	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.4	78	0.8	394	1.0
Total known information	241	100.0	9895	100.0	38350	100.0
Speech only	120	49.8	5511	55.7	18120	47.2
Sign and speech	106	44.0	3617	36.6	15460	40.3
Sign only	14	5.8	655	6.6	4175	10.9
Cued Speech	0	0.0	29	0.3	117	0.3
Other	1	0.4	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.4	115	1.2	567	1.5
Total known information	241	100.0	9858	100.0	38177	100.0
Special school or center	25	10.4	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	89	36.9	3335	33.8	11854	31.1
Resource room	49	20.3	1537	15.6	5290	13.9
Regular education setting	122	50.6	5073	51.5	17573	46.0
Home	17	7.1	193	2.0	1156	3.0
Other	5	2.1	384	3.9	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	10	4.1	217	2.2	903	2.3
Total known information	232	100.0	9756	100.0	37841	100.0
None	55	23.7	3040	31.2	13994	37.0
1 to 5 hours/week	30	12.9	938	9.6	4000	10.6
6 to 15 hours/week	26	11.2	1160	11.9	4226	11.2
16 to 25 hours/week	27	11.6	1133	11.6	3847	10.2
26 or more hours/week	94	40.5	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.4	182	1.8	817	2.1
Total known information	241	100.0	9791	100.0	37927	100.0
No support services	27	11.2	465	4.7	2179	5.7
Oral interpreting	2	0.8	93	0.9	381	1.0
Sign interpreting	74	30.7	2277	23.3	8749	23.1
Cued speech transliteration	0	0.0	29	0.3	126	0.3
Tutoring	16	6.6	541	5.5	2667	7.0
Speech training/therapy	131	54.4	5800	59.2	22973	60.6
Notetaking	14	5.8	381	3.9	1636	4.3
Real-time captioning	2	0.8	116	1.2	411	1.1
Counseling	26	10.8	1190	12.2	4229	11.2
Itinerant teacher services	95	39.4	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	28	11.6	1339	13.7	6755	17.8
Auditory training	60	24.9	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	9	3.7	907	9.3	3350	8.8
Other	37	15.4	1253	12.8	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	9	3.7	667	6.7	2585	6.7
Total known information	233	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	161	69.1	5571	59.9	21860	60.5
Low vision	10	4.3	278	3.0	1134	3.1
Legal blindness	2	0.9	115	1.2	517	1.4
Learning disability	17	7.3	1031	11.1	3621	10.0
Mental retardation	20	8.6	969	10.4	3288	9.1
Attention Deficit Disorder	19	8.2	744	8.0	2388	6.6
Emotional disturbance	1	0.4	191	2.1	714	2.0
Cerebral palsy	2	0.9	268	2.9	1153	3.2
Other conditions	15	6.4	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Iowa		Midwest		Nation	
	N	%	N	%	N	%
Total students	242	100.0	9973	100.0	38744	100.0
Information NOT reported	6	2.5	383	3.8	1791	4.6
Total known information	236	100.0	9590	100.0	36953	100.0
No functional limitations	78	33.1	2959	30.9	11268	30.5
1 or more functional limitation	158	66.9	6631	69.1	25685	69.5
*Vision	32	13.6	1143	11.9	4623	12.5
*Thinking/reasoning	76	32.2	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	89	37.7	3801	39.6	14372	38.9
*Expressive communication	122	51.7	4805	50.1	19456	52.7
*Receptive communication	113	47.9	4931	51.4	19674	53.2
*Social interaction/classroom behavior	60	25.4	3014	31.4	11385	30.8
*Use of hands, arms, and legs	24	10.2	1213	12.6	4587	12.4
*Balance	21	8.9	927	9.7	3836	10.4
*Overall physical health	22	9.3	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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