

## 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	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	2	0.8	211	2.1	748	1.9
Total known information	234	100.0	9762	100.0	37996	100.0
Under 3 years	0	0.0	95	1.0	566	1.5
From 3 to 5 years	12	5.1	547	5.6	2490	6.6
From 6 to 9 years	29	12.4	1950	20.0	7283	19.2
From 10 to 13 years	65	27.8	2846	29.2	10634	28.0
From 14 to 17 years	76	32.5	2857	29.3	11036	29.0
18 years and older	52	22.2	1467	15.0	5987	15.8
<b>SEX</b>						
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	0	0.0	84	0.8	239	0.6
Total known information	236	100.0	9889	100.0	38505	100.0
Male	137	58.1	5453	55.1	20935	54.4
Female	99	41.9	4436	44.9	17570	45.6
<b>RACE/ETHNIC BACKGROUND</b>						
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	3	1.3	119	1.2	595	1.5
Total known information	233	100.0	9854	100.0	38149	100.0
White	166	71.2	6490	65.9	19640	51.5
Black/African-American	24	10.3	1474	15.0	5880	15.4
Hispanic/Latino	25	10.7	1015	10.3	9226	24.2
American Indian/Alaska Native	4	1.7	46	0.5	329	0.9
Asian/Pacific Islander	7	3.0	390	4.0	1567	4.1
Other	2	0.9	228	2.3	688	1.8
Multi-ethnic background indicated	5	2.1	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	6	2.5	355	3.6	1412	3.6
Total known information	230	100.0	9618	100.0	37332	100.0
At birth	108	47.0	3663	38.1	15644	41.9
Under 3 years	34	14.8	1690	17.6	7158	19.2
3 years or older	15	6.5	607	6.3	2120	5.7
Unknown	73	31.7	3658	38.0	12410	33.2
<b>ETIOLOGY **</b>						
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.4	373	3.7	1618	4.2
Total Known Information	235	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	75	31.9	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	0	0.0	34	0.4	246	0.7
Cytomegalovirus (CMV)	10	4.3	134	1.4	629	1.7
Maternal drug/alcohol abuse	2	0.9	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	1	0.4	74	0.8	296	0.8
Other complications of pregnancy	3	1.3	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	4	1.7	717	7.5	1851	5.0
Meningitis	10	4.3	330	3.4	1483	4.0
Other infections	1	0.4	90	0.9	478	1.3
Medications taken by child	6	2.6	160	1.7	577	1.6
Trauma after birth	2	0.9	73	0.8	276	0.7
Other post-birth cause	8	3.4	340	3.5	1265	3.4
Cause cannot be determined/DNA	112	47.7	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	6	2.5	820	8.2	3033	7.8
Total known info., Either Parent	230	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	193	83.9	8407	91.8	32944	92.3
Hard of hearing	7	3.0	347	3.8	1015	2.8
Deaf	30	13.0	369	4.0	1614	4.5
Unknown	0	0.0	30	0.3	138	0.4
Father's status: Hearing	185	80.4	7805	85.3	30811	86.3
Hard of hearing	7	3.0	247	2.7	727	2.0
Deaf	27	11.7	324	3.5	1413	4.0
Unknown	11	4.8	777	8.5	2760	7.7
Both parents hearing	177	77.0	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	28	12.2	345	3.8	1447	4.1
One parent deaf/hh; other hearing	14	6.1	490	5.4	1555	4.4
One parent deaf/hh; other unknown	1	0.4	107	1.2	320	0.9
One parent hearing; other unknown	10	4.3	700	7.6	2578	7.2
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	5	2.1	493	4.9	2217	5.7
Total known information	231	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	45	19.5	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	177	76.6	7356	77.6	28662	78.5
Data Not Available	9	3.9	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	25	10.6	1902	19.1	7982	20.6
Total known information	211	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	204	96.7	7174	88.9	27211	88.5
Sound field	7	3.3	897	11.1	3551	11.5
<b>DEGREE OF HEARING LOSS</b>						
	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	19	8.1	1170	11.7	5146	13.3
Total known information	217	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	14	6.5	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	22	10.1	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	22	10.1	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	29	13.4	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	46	21.2	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	84	38.7	1952	22.2	10136	30.2
<b>COCHLEAR IMPLANT</b>						
	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	3	1.3	357	3.6	1591	4.1
Total known information	233	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	212	91.0	8636	89.8	33578	90.4
Have had a cochlear implant	21	9.0	980	10.2	3575	9.6
Implant Use						
Total students	21	100.0	980	100.0	3575	100.0
Information NOT reported	1	4.8	41	4.2	160	4.5
Total known information	20	100.0	939	100.0	3415	100.0
Implant still used	18	90.0	856	91.2	3118	91.3
Implant no longer used	2	10.0	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	21	100.0	980	100.0	3575	100.0
Information NOT reported	7	33.3	344	35.1	1130	31.6
Total known information	14	100.0	636	100.0	2445	100.0
Implant used in classroom	14	100.0	573	90.1	2194	89.7
Implant not used in classroom	0	0.0	63	9.9	251	10.3
FUNCTIONAL HEARING ABILITY	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	4	1.7	399	4.0	1488	3.8
Total known information	232	100.0	9574	100.0	37256	100.0
Functions normally	19	8.2	1566	16.4	4808	12.9
Mildly limited	72	31.0	4048	42.3	14113	37.9
+ Moderately limited	7	3.0	709	7.4	1995	5.4
Severely limited	118	50.9	2296	24.0	11523	30.9
No functional hearing	16	6.9	955	10.0	4817	12.9
HEARING AID USE FOR INSTRUCTION	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	4	1.7	242	2.4	1128	2.9
Total known information	232	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	144	62.1	5762	59.2	22568	60.0
Hearing aid not used for instruction	88	37.9	3969	40.8	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	5	2.1	678	6.8	2758	7.1
Total known information	231	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	60	26.0	4116	44.3	14441	40.1
Group ALD not used for instruction	171	74.0	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	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	20	8.5	224	2.2	1098	2.8
Total known information	216	100.0	9749	100.0	37646	100.0
English	194	89.8	8361	85.8	28724	76.3
Spanish	9	4.2	463	4.7	4409	11.7
Other	3	1.4	322	3.3	980	2.6
Multiple languages	10	4.6	603	6.2	3533	9.4
<b>SIGN USE IN THE HOME</b>						
	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	7	3.0	446	4.5	1902	4.9
Total known information	229	100.0	9527	100.0	36842	100.0
Family members regularly sign	92	40.2	2284	24.0	9921	26.9
Family members do not regularly sign	127	55.5	6889	72.3	25415	69.0
Data not available	10	4.4	354	3.7	1506	4.1
<b>COMMUNICATION MODE PRIMARILY USED IN TEACHING</b>						
	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.4	78	0.8	394	1.0
Total known information	235	100.0	9895	100.0	38350	100.0
Speech only	69	29.4	5511	55.7	18120	47.2
Sign and speech	72	30.6	3617	36.6	15460	40.3
Sign only	92	39.1	655	6.6	4175	10.9
Cued Speech	0	0.0	29	0.3	117	0.3
Other	2	0.9	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	0	0.0	115	1.2	567	1.5
Total known information	236	100.0	9858	100.0	38177	100.0
Special school or center	101	42.8	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	40	16.9	3335	33.8	11854	31.1
Resource room	38	16.1	1537	15.6	5290	13.9
Regular education setting	102	43.2	5073	51.5	17573	46.0
Home	2	0.8	193	2.0	1156	3.0
Other	11	4.7	384	3.9	1729	4.5
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	2	0.8	217	2.2	903	2.3
Total known information	234	100.0	9756	100.0	37841	100.0
None	120	51.3	3040	31.2	13994	37.0
1 to 5 hours/week	14	6.0	938	9.6	4000	10.6
6 to 15 hours/week	22	9.4	1160	11.9	4226	11.2
16 to 25 hours/week	20	8.5	1133	11.6	3847	10.2
26 or more hours/week	58	24.8	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	4	1.7	182	1.8	817	2.1
Total known information	232	100.0	9791	100.0	37927	100.0
No support services	14	6.0	465	4.7	2179	5.7
Oral interpreting	4	1.7	93	0.9	381	1.0
Sign interpreting	40	17.2	2277	23.3	8749	23.1
Cued speech transliteration	0	0.0	29	0.3	126	0.3
Tutoring	5	2.2	541	5.5	2667	7.0
Speech training/therapy	130	56.0	5800	59.2	22973	60.6
Notetaking	5	2.2	381	3.9	1636	4.3
Real-time captioning	2	0.9	116	1.2	411	1.1
Counseling	31	13.4	1190	12.2	4229	11.2
Itinerant teacher services	65	28.0	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	40	17.2	1339	13.7	6755	17.8
Auditory training	22	9.5	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	35	15.1	907	9.3	3350	8.8
Other	53	22.8	1253	12.8	5129	13.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	12	5.1	667	6.7	2585	6.7
Total known information	224	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	146	65.2	5571	59.9	21860	60.5
Low vision	5	2.2	278	3.0	1134	3.1
Legal blindness	6	2.7	115	1.2	517	1.4
Learning disability	9	4.0	1031	11.1	3621	10.0
Mental retardation	26	11.6	969	10.4	3288	9.1
Attention Deficit Disorder	14	6.3	744	8.0	2388	6.6
Emotional disturabance	2	0.9	191	2.1	714	2.0
Cerebral palsy	10	4.5	268	2.9	1153	3.2
Other conditions	23	10.3	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Kansas		Midwest		Nation	
	N	%	N	%	N	%
Total students	236	100.0	9973	100.0	38744	100.0
Information NOT reported	8	3.4	383	3.8	1791	4.6
Total known information	228	100.0	9590	100.0	36953	100.0
No functional limitations	96	42.1	2959	30.9	11268	30.5
1 or more functional limitation	132	57.9	6631	69.1	25685	69.5
*Vision	23	10.1	1143	11.9	4623	12.5
*Thinking/reasoning	74	32.5	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	73	32.0	3801	39.6	14372	38.9
*Expressive communication	99	43.4	4805	50.1	19456	52.7
*Receptive communication	93	40.8	4931	51.4	19674	53.2
*Social interaction/classroom behavior	79	34.6	3014	31.4	11385	30.8
*Use of hands, arms, and legs	25	11.0	1213	12.6	4587	12.4
*Balance	23	10.1	927	9.7	3836	10.4
*Overall physical health	25	11.0	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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