

## 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	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	15	1.8	211	2.1	748	1.9
Total known information	830	100.0	9762	100.0	37996	100.0
Under 3 years	30	3.6	95	1.0	566	1.5
From 3 to 5 years	77	9.3	547	5.6	2490	6.6
From 6 to 9 years	172	20.7	1950	20.0	7283	19.2
From 10 to 13 years	231	27.8	2846	29.2	10634	28.0
From 14 to 17 years	200	24.1	2857	29.3	11036	29.0
18 years and older	120	14.5	1467	15.0	5987	15.8
<b>SEX</b>						
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	4	0.5	84	0.8	239	0.6
Total known information	841	100.0	9889	100.0	38505	100.0
Male	451	53.6	5453	55.1	20935	54.4
Female	390	46.4	4436	44.9	17570	45.6
<b>RACE/ETHNIC BACKGROUND</b>						
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	6	0.7	119	1.2	595	1.5
Total known information	839	100.0	9854	100.0	38149	100.0
White	576	68.7	6490	65.9	19640	51.5
Black/African-American	189	22.5	1474	15.0	5880	15.4
Hispanic/Latino	21	2.5	1015	10.3	9226	24.2
American Indian/Alaska Native	0	0.0	46	0.5	329	0.9
Asian/Pacific Islander	22	2.6	390	4.0	1567	4.1
Other	15	1.8	228	2.3	688	1.8
Multi-ethnic background indicated	16	1.9	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	13	1.5	355	3.6	1412	3.6
Total known information	832	100.0	9618	100.0	37332	100.0
At birth	349	41.9	3663	38.1	15644	41.9
Under 3 years	216	26.0	1690	17.6	7158	19.2
3 years or older	63	7.6	607	6.3	2120	5.7
Unknown	204	24.5	3658	38.0	12410	33.2
<b>ETIOLOGY **</b>						
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	11	1.3	373	3.7	1618	4.2
Total Known Information	834	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	182	21.8	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	4	0.5	34	0.4	246	0.7
Cytomegalovirus (CMV)	16	1.9	134	1.4	629	1.7
Maternal drug/alcohol abuse	4	0.5	76	0.8	260	0.7
Medications taken by mother	4	0.5	28	0.3	109	0.3
Rh incompatibility	3	0.4	21	0.2	97	0.3
Consequence of prematurity	40	4.8	353	3.7	1523	4.1
Trauma at birth	7	0.8	74	0.8	296	0.8
Other complications of pregnancy	28	3.4	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	19	2.3	717	7.5	1851	5.0
Meningitis	48	5.8	330	3.4	1483	4.0
Other infections	6	0.7	90	0.9	478	1.3
Medications taken by child	17	2.0	160	1.7	577	1.6
Trauma after birth	9	1.1	73	0.8	276	0.7
Other post-birth cause	35	4.2	340	3.5	1265	3.4
Cause cannot be determined/DNA	463	55.5	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	49	5.8	820	8.2	3033	7.8
Total known info., Either Parent	796	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	723	90.8	8407	91.8	32944	92.3
Hard of hearing	33	4.1	347	3.8	1015	2.8
Deaf	35	4.4	369	4.0	1614	4.5
Unknown	5	0.6	30	0.3	138	0.4
Father's status: Hearing	671	84.3	7805	85.3	30811	86.3
Hard of hearing	16	2.0	247	2.7	727	2.0
Deaf	33	4.1	324	3.5	1413	4.0
Unknown	76	9.5	777	8.5	2760	7.7
Both parents hearing	635	79.8	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	29	3.6	345	3.8	1447	4.1
One parent deaf/hh; other hearing	51	6.4	490	5.4	1555	4.4
One parent deaf/hh; other unknown	8	1.0	107	1.2	320	0.9
One parent hearing; other unknown	73	9.2	700	7.6	2578	7.2
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	14	1.7	493	4.9	2217	5.7
Total known information	831	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	115	13.8	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	644	77.5	7356	77.6	28662	78.5
Data Not Available	72	8.7	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	111	13.1	1902	19.1	7982	20.6
Total known information	734	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	633	86.2	7174	88.9	27211	88.5
Sound field	101	13.8	897	11.1	3551	11.5
<b>DEGREE OF HEARING LOSS</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	72	8.5	1170	11.7	5146	13.3
Total known information	773	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	72	9.3	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	75	9.7	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	107	13.8	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	108	14.0	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	123	15.9	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	288	37.3	1952	22.2	10136	30.2
<b>COCHLEAR IMPLANT</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	16	1.9	357	3.6	1591	4.1
Total known information	829	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	661	79.7	8636	89.8	33578	90.4
Have had a cochlear implant	168	20.3	980	10.2	3575	9.6
Implant Use						
Total students	168	100.0	980	100.0	3575	100.0
Information NOT reported	3	1.8	41	4.2	160	4.5
Total known information	165	100.0	939	100.0	3415	100.0
Implant still used	152	92.1	856	91.2	3118	91.3
Implant no longer used	13	7.9	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	168	100.0	980	100.0	3575	100.0
Information NOT reported	19	11.3	344	35.1	1130	31.6
Total known information	149	100.0	636	100.0	2445	100.0
Implant used in classroom	139	93.3	573	90.1	2194	89.7
Implant not used in classroom	10	6.7	63	9.9	251	10.3
<b>FUNCTIONAL HEARING ABILITY</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	8	0.9	399	4.0	1488	3.8
Total known information	837	100.0	9574	100.0	37256	100.0
Functions normally	73	8.7	1566	16.4	4808	12.9
Mildly limited	264	31.5	4048	42.3	14113	37.9
+ Moderately limited	150	17.9	709	7.4	1995	5.4
Severely limited	230	27.5	2296	24.0	11523	30.9
No functional hearing	120	14.3	955	10.0	4817	12.9
<b>HEARING AID USE FOR INSTRUCTION</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	12	1.4	242	2.4	1128	2.9
Total known information	833	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	569	68.3	5762	59.2	22568	60.0
Hearing aid not used for instruction	264	31.7	3969	40.8	15048	40.0
<b>GROUP ASSISTIVE LISTENING DEVICE(ALD)USE</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	22	2.6	678	6.8	2758	7.1
Total known information	823	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	326	39.6	4116	44.3	14441	40.1
Group ALD not used for instruction	497	60.4	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	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	5	0.6	224	2.2	1098	2.8
Total known information	840	100.0	9749	100.0	37646	100.0
English	793	94.4	8361	85.8	28724	76.3
Spanish	7	0.8	463	4.7	4409	11.7
Other	8	1.0	322	3.3	980	2.6
Multiple languages	32	3.8	603	6.2	3533	9.4
<b>SIGN USE IN THE HOME</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	21	2.5	446	4.5	1902	4.9
Total known information	824	100.0	9527	100.0	36842	100.0
Family members regularly sign	219	26.6	2284	24.0	9921	26.9
Family members do not regularly sign	593	72.0	6889	72.3	25415	69.0
Data not available	12	1.5	354	3.7	1506	4.1
<b>COMMUNICATION MODE PRIMARILY USED IN TEACHING</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	5	0.6	78	0.8	394	1.0
Total known information	840	100.0	9895	100.0	38350	100.0
Speech only	482	57.4	5511	55.7	18120	47.2
Sign and speech	244	29.0	3617	36.6	15460	40.3
Sign only	104	12.4	655	6.6	4175	10.9
Cued Speech	1	0.1	29	0.3	117	0.3
Other	9	1.1	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	1	0.1	115	1.2	567	1.5
Total known information	844	100.0	9858	100.0	38177	100.0
Special school or center	286	33.9	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	220	26.1	3335	33.8	11854	31.1
Resource room	158	18.7	1537	15.6	5290	13.9
Regular education setting	339	40.2	5073	51.5	17573	46.0
Home	43	5.1	193	2.0	1156	3.0
Other	15	1.8	384	3.9	1729	4.5
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	19	2.2	217	2.2	903	2.3
Total known information	826	100.0	9756	100.0	37841	100.0
None	326	39.5	3040	31.2	13994	37.0
1 to 5 hours/week	68	8.2	938	9.6	4000	10.6
6 to 15 hours/week	105	12.7	1160	11.9	4226	11.2
16 to 25 hours/week	96	11.6	1133	11.6	3847	10.2
26 or more hours/week	231	28.0	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	7	0.8	182	1.8	817	2.1
Total known information	838	100.0	9791	100.0	37927	100.0
No support services	53	6.3	465	4.7	2179	5.7
Oral interpreting	10	1.2	93	0.9	381	1.0
Sign interpreting	209	24.9	2277	23.3	8749	23.1
Cued speech transliteration	0	0.0	29	0.3	126	0.3
Tutoring	10	1.2	541	5.5	2667	7.0
Speech training/therapy	599	71.5	5800	59.2	22973	60.6
Notetaking	60	7.2	381	3.9	1636	4.3
Real-time captioning	7	0.8	116	1.2	411	1.1
Counseling	89	10.6	1190	12.2	4229	11.2
Itinerant teacher services	274	32.7	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	99	11.8	1339	13.7	6755	17.8
Auditory training	264	31.5	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	126	15.0	907	9.3	3350	8.8
Other	117	14.0	1253	12.8	5129	13.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	15	1.8	667	6.7	2585	6.7
Total known information	830	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	515	62.0	5571	59.9	21860	60.5
Low vision	27	3.3	278	3.0	1134	3.1
Legal blindness	14	1.7	115	1.2	517	1.4
Learning disability	42	5.1	1031	11.1	3621	10.0
Mental retardation	70	8.4	969	10.4	3288	9.1
Attention Deficit Disorder	104	12.5	744	8.0	2388	6.6
Emotional disturbance	15	1.8	191	2.1	714	2.0
Cerebral palsy	31	3.7	268	2.9	1153	3.2
Other conditions	99	11.9	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Missouri		Midwest		Nation	
	N	%	N	%	N	%
Total students	845	100.0	9973	100.0	38744	100.0
Information NOT reported	11	1.3	383	3.8	1791	4.6
Total known information	834	100.0	9590	100.0	36953	100.0
No functional limitations	244	29.3	2959	30.9	11268	30.5
1 or more functional limitation	590	70.7	6631	69.1	25685	69.5
*Vision	83	10.0	1143	11.9	4623	12.5
*Thinking/reasoning	282	33.8	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	333	39.9	3801	39.6	14372	38.9
*Expressive communication	466	55.9	4805	50.1	19456	52.7
*Receptive communication	460	55.2	4931	51.4	19674	53.2
*Social interaction/classroom behavior	277	33.2	3014	31.4	11385	30.8
*Use of hands, arms, and legs	106	12.7	1213	12.6	4587	12.4
*Balance	98	11.8	927	9.7	3836	10.4
*Overall physical health	99	11.9	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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