

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	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	46	4.3	211	2.1	748	1.9
Total known information	1028	100.0	9762	100.0	37996	100.0
Under 3 years	20	1.9	95	1.0	566	1.5
From 3 to 5 years	63	6.1	547	5.6	2490	6.6
From 6 to 9 years	189	18.4	1950	20.0	7283	19.2
From 10 to 13 years	308	30.0	2846	29.2	10634	28.0
From 14 to 17 years	280	27.2	2857	29.3	11036	29.0
18 years and older	168	16.3	1467	15.0	5987	15.8
SEX	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	17	1.6	84	0.8	239	0.6
Total known information	1057	100.0	9889	100.0	38505	100.0
Male	575	54.4	5453	55.1	20935	54.4
Female	482	45.6	4436	44.9	17570	45.6
RACE/ETHNIC BACKGROUND	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	13	1.2	119	1.2	595	1.5
Total known information	1061	100.0	9854	100.0	38149	100.0
White	656	61.8	6490	65.9	19640	51.5
Black/African-American	120	11.3	1474	15.0	5880	15.4
Hispanic/Latino	68	6.4	1015	10.3	9226	24.2
American Indian/Alaska Native	8	0.8	46	0.5	329	0.9
Asian/Pacific Islander	148	13.9	390	4.0	1567	4.1
Other	33	3.1	228	2.3	688	1.8
Multi-ethnic background indicated	28	2.6	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	36	3.4	355	3.6	1412	3.6
Total known information	1038	100.0	9618	100.0	37332	100.0
At birth	402	38.7	3663	38.1	15644	41.9
Under 3 years	203	19.6	1690	17.6	7158	19.2
3 years or older	55	5.3	607	6.3	2120	5.7
Unknown	378	36.4	3658	38.0	12410	33.2
ETIOLOGY **	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	78	7.3	373	3.7	1618	4.2
Total Known Information	996	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	252	25.3	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	2	0.2	34	0.4	246	0.7
Cytomegalovirus (CMV)	13	1.3	134	1.4	629	1.7
Maternal drug/alcohol abuse	3	0.3	76	0.8	260	0.7
Medications taken by mother	4	0.4	28	0.3	109	0.3
Rh incompatibility	3	0.3	21	0.2	97	0.3
Consequence of prematurity	26	2.6	353	3.7	1523	4.1
Trauma at birth	9	0.9	74	0.8	296	0.8
Other complications of pregnancy	23	2.3	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	100	10.0	717	7.5	1851	5.0
Meningitis	42	4.2	330	3.4	1483	4.0
Other infections	9	0.9	90	0.9	478	1.3
Medications taken by child	14	1.4	160	1.7	577	1.6
Trauma after birth	11	1.1	73	0.8	276	0.7
Other post-birth cause	31	3.1	340	3.5	1265	3.4
Cause cannot be determined/DNA	495	49.7	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	60	5.6	820	8.2	3033	7.8
Total known info., Either Parent	1014	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	907	89.4	8407	91.8	32944	92.3
Hard of hearing	36	3.6	347	3.8	1015	2.8
Deaf	67	6.6	369	4.0	1614	4.5
Unknown	4	0.4	30	0.3	138	0.4
Father's status: Hearing	855	84.3	7805	85.3	30811	86.3
Hard of hearing	30	3.0	247	2.7	727	2.0
Deaf	62	6.1	324	3.5	1413	4.0
Unknown	67	6.6	777	8.5	2760	7.7
Both parents hearing	829	81.8	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	72	7.1	345	3.8	1447	4.1
One parent deaf/hh; other hearing	42	4.1	490	5.4	1555	4.4
One parent deaf/hh; other unknown	9	0.9	107	1.2	320	0.9
One parent hearing; other unknown	62	6.1	700	7.6	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	50	4.7	493	4.9	2217	5.7
Total known information	1024	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	157	15.3	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	821	80.2	7356	77.6	28662	78.5
Data Not Available	46	4.5	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	349	32.5	1902	19.1	7982	20.6
Total known information	725	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	670	92.4	7174	88.9	27211	88.5
Sound field	55	7.6	897	11.1	3551	11.5
DEGREE OF HEARING LOSS						
	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	209	19.5	1170	11.7	5146	13.3
Total known information	865	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	238	27.5	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	151	17.5	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	127	14.7	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	86	9.9	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	71	8.2	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	192	22.2	1952	22.2	10136	30.2
COCHLEAR IMPLANT						
	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	62	5.8	357	3.6	1591	4.1
Total known information	1012	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	934	92.3	8636	89.8	33578	90.4
Have had a cochlear implant	78	7.7	980	10.2	3575	9.6
Implant Use						
Total students	78	100.0	980	100.0	3575	100.0
Information NOT reported	7	9.0	41	4.2	160	4.5
Total known information	71	100.0	939	100.0	3415	100.0
Implant still used	55	77.5	856	91.2	3118	91.3
Implant no longer used	16	22.5	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	78	100.0	980	100.0	3575	100.0
Information NOT reported	34	43.6	344	35.1	1130	31.6
Total known information	44	100.0	636	100.0	2445	100.0
Implant used in classroom	32	72.7	573	90.1	2194	89.7
Implant not used in classroom	12	27.3	63	9.9	251	10.3
FUNCTIONAL HEARING ABILITY	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	66	6.1	399	4.0	1488	3.8
Total known information	1008	100.0	9574	100.0	37256	100.0
Functions normally	160	15.9	1566	16.4	4808	12.9
Mildly limited	451	44.7	4048	42.3	14113	37.9
+ Moderately limited	48	4.8	709	7.4	1995	5.4
Severely limited	210	20.8	2296	24.0	11523	30.9
No functional hearing	139	13.8	955	10.0	4817	12.9
HEARING AID USE FOR INSTRUCTION	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	24	2.2	242	2.4	1128	2.9
Total known information	1050	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	525	50.0	5762	59.2	22568	60.0
Hearing aid not used for instruction	525	50.0	3969	40.8	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	96	8.9	678	6.8	2758	7.1
Total known information	978	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	324	33.1	4116	44.3	14441	40.1
Group ALD not used for instruction	654	66.9	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	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	18	1.7	224	2.2	1098	2.8
Total known information	1056	100.0	9749	100.0	37646	100.0
English	828	78.4	8361	85.8	28724	76.3
Spanish	33	3.1	463	4.7	4409	11.7
Other	140	13.3	322	3.3	980	2.6
Multiple languages	55	5.2	603	6.2	3533	9.4
SIGN USE IN THE HOME	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	50	4.7	446	4.5	1902	4.9
Total known information	1024	100.0	9527	100.0	36842	100.0
Family members regularly sign	305	29.8	2284	24.0	9921	26.9
Family members do not regularly sign	706	68.9	6889	72.3	25415	69.0
Data not available	13	1.3	354	3.7	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	4	0.4	78	0.8	394	1.0
Total known information	1070	100.0	9895	100.0	38350	100.0
Speech only	571	53.4	5511	55.7	18120	47.2
Sign and speech	372	34.8	3617	36.6	15460	40.3
Sign only	96	9.0	655	6.6	4175	10.9
Cued Speech	22	2.1	29	0.3	117	0.3
Other	9	0.8	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	11	1.0	115	1.2	567	1.5
Total known information	1063	100.0	9858	100.0	38177	100.0
Special school or center	249	23.4	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	228	21.4	3335	33.8	11854	31.1
Resource room	179	16.8	1537	15.6	5290	13.9
Regular education setting	532	50.0	5073	51.5	17573	46.0
Home	41	3.9	193	2.0	1156	3.0
Other	104	9.8	384	3.9	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	18	1.7	217	2.2	903	2.3
Total known information	1056	100.0	9756	100.0	37841	100.0
None	312	29.5	3040	31.2	13994	37.0
1 to 5 hours/week	112	10.6	938	9.6	4000	10.6
6 to 15 hours/week	102	9.7	1160	11.9	4226	11.2
16 to 25 hours/week	109	10.3	1133	11.6	3847	10.2
26 or more hours/week	421	39.9	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	21	2.0	182	1.8	817	2.1
Total known information	1053	100.0	9791	100.0	37927	100.0
No support services	62	5.9	465	4.7	2179	5.7
Oral interpreting	2	0.2	93	0.9	381	1.0
Sign interpreting	170	16.1	2277	23.3	8749	23.1
Cued speech transliteration	17	1.6	29	0.3	126	0.3
Tutoring	55	5.2	541	5.5	2667	7.0
Speech training/therapy	497	47.2	5800	59.2	22973	60.6
Notetaking	31	2.9	381	3.9	1636	4.3
Real-time captioning	4	0.4	116	1.2	411	1.1
Counseling	106	10.1	1190	12.2	4229	11.2
Itinerant teacher services	482	45.8	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	140	13.3	1339	13.7	6755	17.8
Auditory training	82	7.8	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	87	8.3	907	9.3	3350	8.8
Other	270	25.6	1253	12.8	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	133	12.4	667	6.7	2585	6.7
Total known information	941	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	547	58.1	5571	59.9	21860	60.5
Low vision	27	2.9	278	3.0	1134	3.1
Legal blindness	9	1.0	115	1.2	517	1.4
Learning disability	85	9.0	1031	11.1	3621	10.0
Mental retardation	81	8.6	969	10.4	3288	9.1
Attention Deficit Disorder	76	8.1	744	8.0	2388	6.6
Emotional disturbance	27	2.9	191	2.1	714	2.0
Cerebral palsy	25	2.7	268	2.9	1153	3.2
Other conditions	136	14.5	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Minnesota		Midwest		Nation	
	N	%	N	%	N	%
Total students	1074	100.0	9973	100.0	38744	100.0
Information NOT reported	79	7.4	383	3.8	1791	4.6
Total known information	995	100.0	9590	100.0	36953	100.0
No functional limitations	362	36.4	2959	30.9	11268	30.5
1 or more functional limitation	633	63.6	6631	69.1	25685	69.5
*Vision	125	12.6	1143	11.9	4623	12.5
*Thinking/reasoning	295	29.6	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	371	37.3	3801	39.6	14372	38.9
*Expressive communication	416	41.8	4805	50.1	19456	52.7
*Receptive communication	418	42.0	4931	51.4	19674	53.2
*Social interaction/classroom behavior	312	31.4	3014	31.4	11385	30.8
*Use of hands, arms, and legs	123	12.4	1213	12.6	4587	12.4
*Balance	82	8.2	927	9.7	3836	10.4
*Overall physical health	108	10.9	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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