

## 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	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	16	1.4	211	2.1	748	1.9
Total known information	1134	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	53	4.7	547	5.6	2490	6.6
From 6 to 9 years	195	17.2	1950	20.0	7283	19.2
From 10 to 13 years	332	29.3	2846	29.2	10634	28.0
From 14 to 17 years	357	31.5	2857	29.3	11036	29.0
18 years and older	197	17.4	1467	15.0	5987	15.8
<b>SEX</b>						
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	16	1.4	84	0.8	239	0.6
Total known information	1134	100.0	9889	100.0	38505	100.0
Male	631	55.6	5453	55.1	20935	54.4
Female	503	44.4	4436	44.9	17570	45.6
<b>RACE/ETHNIC BACKGROUND</b>						
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	12	1.0	119	1.2	595	1.5
Total known information	1138	100.0	9854	100.0	38149	100.0
White	805	70.7	6490	65.9	19640	51.5
Black/African-American	144	12.7	1474	15.0	5880	15.4
Hispanic/Latino	80	7.0	1015	10.3	9226	24.2
American Indian/Alaska Native	4	0.4	46	0.5	329	0.9
Asian/Pacific Islander	53	4.7	390	4.0	1567	4.1
Other	20	1.8	228	2.3	688	1.8
Multi-ethnic background indicated	32	2.8	211	2.1	819	2.1

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AGE AT ONSET OF HEARING LOSS	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	33	2.9	355	3.6	1412	3.6
Total known information	1117	100.0	9618	100.0	37332	100.0
At birth	425	38.0	3663	38.1	15644	41.9
Under 3 years	208	18.6	1690	17.6	7158	19.2
3 years or older	96	8.6	607	6.3	2120	5.7
Unknown	388	34.7	3658	38.0	12410	33.2
<b>ETIOLOGY **</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	24	2.1	373	3.7	1618	4.2
Total Known Information	1126	100.0	9600	100.0	37126	100.0
Genetic/Hereditary/Familial	265	23.5	2085	21.7	8087	21.8
Pregnancy Related						
Maternal rubella	4	0.4	34	0.4	246	0.7
Cytomegalovirus (CMV)	6	0.5	134	1.4	629	1.7
Maternal drug/alcohol abuse	10	0.9	76	0.8	260	0.7
Medications taken by mother	8	0.7	28	0.3	109	0.3
Rh incompatibility	1	0.1	21	0.2	97	0.3
Consequence of prematurity	52	4.6	353	3.7	1523	4.1
Trauma at birth	5	0.4	74	0.8	296	0.8
Other complications of pregnancy	43	3.8	324	3.4	1418	3.8
Post-Birth Disease/Injury						
Otitis media	98	8.7	717	7.5	1851	5.0
Meningitis	39	3.5	330	3.4	1483	4.0
Other infections	16	1.4	90	0.9	478	1.3
Medications taken by child	21	1.9	160	1.7	577	1.6
Trauma after birth	8	0.7	73	0.8	276	0.7
Other post-birth cause	54	4.8	340	3.5	1265	3.4
Cause cannot be determined/DNA	543	48.2	5099	53.1	19945	53.7

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PARENTAL HEARING STATUS	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	66	5.7	820	8.2	3033	7.8
Total known info., Either Parent	1084	100.0	9153	100.0	35711	100.0
Mother's status: Hearing	1014	93.5	8407	91.8	32944	92.3
Hard of hearing	43	4.0	347	3.8	1015	2.8
Deaf	26	2.4	369	4.0	1614	4.5
Unknown	1	0.1	30	0.3	138	0.4
Father's status: Hearing	948	87.5	7805	85.3	30811	86.3
Hard of hearing	37	3.4	247	2.7	727	2.0
Deaf	26	2.4	324	3.5	1413	4.0
Unknown	73	6.7	777	8.5	2760	7.7
Both parents hearing	919	84.8	7511	82.1	29811	83.5
Both parents deaf or hard of hearing	30	2.8	345	3.8	1447	4.1
One parent deaf/hh; other hearing	61	5.6	490	5.4	1555	4.4
One parent deaf/hh; other unknown	11	1.0	107	1.2	320	0.9
One parent hearing; other unknown	63	5.8	700	7.6	2578	7.2
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	23	2.0	493	4.9	2217	5.7
Total known information	1127	100.0	9480	100.0	36527	100.0
Has deaf or hard of hearing siblings	167	14.8	1324	14.0	4859	13.3
Has no deaf or hard of hearing siblings	907	80.5	7356	77.6	28662	78.5
Data Not Available	53	4.7	800	8.4	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	175	15.2	1902	19.1	7982	20.6
Total known information	975	100.0	8071	100.0	30762	100.0
Earphone (preferred measurement)	882	90.5	7174	88.9	27211	88.5
Sound field	93	9.5	897	11.1	3551	11.5
<b>DEGREE OF HEARING LOSS</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	91	7.9	1170	11.7	5146	13.3
Total known information	1059	100.0	8803	100.0	33598	100.0
Normal (< 27 dB, ANSI)	226	21.3	1963	22.3	5630	16.8
Mild (27-40 dB, ANSI)	174	16.4	1361	15.5	4134	12.3
Moderate (41-55 dB, ANSI)	188	17.8	1320	15.0	4439	13.2
Mod-severe (56-70 dB, ANSI)	125	11.8	1052	12.0	4150	12.4
Severe (71-90 dB, ANSI)	126	11.9	1155	13.1	5109	15.2
Profound (91 dB and above, ANSI)	220	20.8	1952	22.2	10136	30.2
<b>COCHLEAR IMPLANT</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	27	2.3	357	3.6	1591	4.1
Total known information	1123	100.0	9616	100.0	37153	100.0
Have not had a cochlear implant	1052	93.7	8636	89.8	33578	90.4
Have had a cochlear implant	71	6.3	980	10.2	3575	9.6
Implant Use						
Total students	71	100.0	980	100.0	3575	100.0
Information NOT reported	2	2.8	41	4.2	160	4.5
Total known information	69	100.0	939	100.0	3415	100.0
Implant still used	61	88.4	856	91.2	3118	91.3
Implant no longer used	8	11.6	83	8.8	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	71	100.0	980	100.0	3575	100.0
Information NOT reported	23	32.4	344	35.1	1130	31.6
Total known information	48	100.0	636	100.0	2445	100.0
Implant used in classroom	41	85.4	573	90.1	2194	89.7
Implant not used in classroom	7	14.6	63	9.9	251	10.3
<b>FUNCTIONAL HEARING ABILITY</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	16	1.4	399	4.0	1488	3.8
Total known information	1134	100.0	9574	100.0	37256	100.0
Functions normally	161	14.2	1566	16.4	4808	12.9
Mildly limited	550	48.5	4048	42.3	14113	37.9
+ Moderately limited	59	5.2	709	7.4	1995	5.4
Severely limited	276	24.3	2296	24.0	11523	30.9
No functional hearing	88	7.8	955	10.0	4817	12.9
<b>HEARING AID USE FOR INSTRUCTION</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	30	2.6	242	2.4	1128	2.9
Total known information	1120	100.0	9731	100.0	37616	100.0
Hearing aid used for instruction	694	62.0	5762	59.2	22568	60.0
Hearing aid not used for instruction	426	38.0	3969	40.8	15048	40.0
<b>GROUP ASSISTIVE LISTENING DEVICE(ALD)USE</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	42	3.7	678	6.8	2758	7.1
Total known information	1108	100.0	9295	100.0	35986	100.0
Group ALD used for instruction	460	41.5	4116	44.3	14441	40.1
Group ALD not used for instruction	648	58.5	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	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	11	1.0	224	2.2	1098	2.8
Total known information	1139	100.0	9749	100.0	37646	100.0
English	1024	89.9	8361	85.8	28724	76.3
Spanish	36	3.2	463	4.7	4409	11.7
Other	39	3.4	322	3.3	980	2.6
Multiple languages	40	3.5	603	6.2	3533	9.4
<b>SIGN USE IN THE HOME</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	62	5.4	446	4.5	1902	4.9
Total known information	1088	100.0	9527	100.0	36842	100.0
Family members regularly sign	259	23.8	2284	24.0	9921	26.9
Family members do not regularly sign	815	74.9	6889	72.3	25415	69.0
Data not available	14	1.3	354	3.7	1506	4.1
<b>COMMUNICATION MODE PRIMARILY USED IN TEACHING</b>						
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	4	0.3	78	0.8	394	1.0
Total known information	1146	100.0	9895	100.0	38350	100.0
Speech only	652	56.9	5511	55.7	18120	47.2
Sign and speech	305	26.6	3617	36.6	15460	40.3
Sign only	170	14.8	655	6.6	4175	10.9
Cued Speech	0	0.0	29	0.3	117	0.3
Other	19	1.7	83	0.8	478	1.2

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INSTRUCTIONAL SETTINGS **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	4	0.3	115	1.2	567	1.5
Total known information	1146	100.0	9858	100.0	38177	100.0
Special school or center	143	12.5	1712	17.4	10354	27.1
Self-contained clrm in req. ed. setting	331	28.9	3335	33.8	11854	31.1
Resource room	309	27.0	1537	15.6	5290	13.9
Regular education setting	724	63.2	5073	51.5	17573	46.0
Home	6	0.5	193	2.0	1156	3.0
Other	52	4.5	384	3.9	1729	4.5
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	6	0.5	217	2.2	903	2.3
Total known information	1144	100.0	9756	100.0	37841	100.0
None	268	23.4	3040	31.2	13994	37.0
1 to 5 hours/week	86	7.5	938	9.6	4000	10.6
6 to 15 hours/week	132	11.5	1160	11.9	4226	11.2
16 to 25 hours/week	209	18.3	1133	11.6	3847	10.2
26 or more hours/week	449	39.2	3485	35.7	11774	31.1

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SUPPORT SERVICES RECEIVED **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	10	0.9	182	1.8	817	2.1
Total known information	1140	100.0	9791	100.0	37927	100.0
No support services	46	4.0	465	4.7	2179	5.7
Oral interpreting	9	0.8	93	0.9	381	1.0
Sign interpreting	263	23.1	2277	23.3	8749	23.1
Cued speech transliteration	1	0.1	29	0.3	126	0.3
Tutoring	201	17.6	541	5.5	2667	7.0
Speech training/therapy	628	55.1	5800	59.2	22973	60.6
Notetaking	68	6.0	381	3.9	1636	4.3
Real-time captioning	30	2.6	116	1.2	411	1.1
Counseling	72	6.3	1190	12.2	4229	11.2
Itinerant teacher services	593	52.0	4219	43.1	13691	36.1
Classroom inst. ass't/aide services	195	17.1	1339	13.7	6755	17.8
Auditory training	211	18.5	1949	19.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	112	9.8	907	9.3	3350	8.8
Other	136	11.9	1253	12.8	5129	13.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	56	4.9	667	6.7	2585	6.7
Total known information	1094	100.0	9306	100.0	36159	100.0
No condition in addition to deafness	600	54.8	5571	59.9	21860	60.5
Low vision	39	3.6	278	3.0	1134	3.1
Legal blindness	18	1.6	115	1.2	517	1.4
Learning disability	141	12.9	1031	11.1	3621	10.0
Mental retardation	150	13.7	969	10.4	3288	9.1
Attention Deficit Disorder	119	10.9	744	8.0	2388	6.6
Emotional disturbance	36	3.3	191	2.1	714	2.0
Cerebral palsy	32	2.9	268	2.9	1153	3.2
Other conditions	122	11.2	1061	11.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	1150	100.0	9973	100.0	38744	100.0
Information NOT reported	18	1.6	383	3.8	1791	4.6
Total known information	1132	100.0	9590	100.0	36953	100.0
No functional limitations	318	28.1	2959	30.9	11268	30.5
1 or more functional limitation	814	71.9	6631	69.1	25685	69.5
*Vision	140	12.4	1143	11.9	4623	12.5
*Thinking/reasoning	474	41.9	3328	34.7	12788	34.6
*Maintaining attention to classroom tasks	517	45.7	3801	39.6	14372	38.9
*Expressive communication	537	47.4	4805	50.1	19456	52.7
*Receptive communication	587	51.9	4931	51.4	19674	53.2
*Social interaction/classroom behavior	422	37.3	3014	31.4	11385	30.8
*Use of hands, arms, and legs	158	14.0	1213	12.6	4587	12.4
*Balance	139	12.3	927	9.7	3836	10.4
*Overall physical health	138	12.2	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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