

## 2004-2005 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	790	100.0	9272	100.0	37500	100.0
Information NOT reported	12	1.5	229	2.5	841	2.2
Total known information	778	100.0	9043	100.0	36659	100.0
Under 3 years	1	0.1	201	2.2	1244	3.4
From 3 to 5 years	64	8.2	783	8.7	3419	9.3
From 6 to 9 years	162	20.8	2063	22.8	7898	21.5
From 10 to 13 years	233	29.9	2637	29.2	10348	28.2
From 14 to 17 years	236	30.3	2510	27.8	10230	27.9
18 years and older	82	10.5	849	9.4	3520	9.6
<b>SEX</b>						
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	1	0.1	50	0.5	148	0.4
Total known information	789	100.0	9222	100.0	37352	100.0
Male	433	54.9	5086	55.2	20253	54.2
Female	356	45.1	4136	44.8	17099	45.8
<b>RACE/ETHNIC BACKGROUND</b>						
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	10	1.3	133	1.4	583	1.6
Total known information	780	100.0	9139	100.0	36917	100.0
White	622	79.7	5930	64.9	18712	50.7
Black/African-American	20	2.6	1413	15.5	5647	15.3
Hispanic/Latino	43	5.5	960	10.5	9226	25.0
American Indian/Alaska Native	5	0.6	48	0.5	307	0.8
Asian/Pacific Islander	35	4.5	353	3.9	1512	4.1
Other	21	2.7	240	2.6	708	1.9
Multi-ethnic background indicated	34	4.4	195	2.1	805	2.2

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AGE AT ONSET OF HEARING LOSS	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	32	4.1	380	4.1	1551	4.1
Total known information	758	100.0	8892	100.0	35949	100.0
At birth	304	40.1	3427	38.5	15212	42.3
Under 3 years	138	18.2	1586	17.8	6930	19.3
3 years or older	50	6.6	562	6.3	1985	5.5
Unknown	266	35.1	3317	37.3	11822	32.9
AGE AT ONSET OF HEARING LOSS	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	32	4.1	380	4.1	1551	4.1
Total known information	758	100.0	8892	100.0	35949	100.0
At Birth	304	40.1	3427	38.5	15212	42.3
Under One Year	56	7.4	611	6.9	2631	7.3
Unknown, but before age 2	65	8.6	707	8.0	2953	8.2
Unknown	266	35.1	3317	37.3	11822	32.9
1 year of age	4	0.5	85	1.0	587	1.6
2 years of age	13	1.7	183	2.1	759	2.1
3 years of age	16	2.1	152	1.7	554	1.5
4 years of age	6	0.8	95	1.1	361	1.0
5 years of age	7	0.9	106	1.2	336	0.9
6 years of age	7	0.9	68	0.8	205	0.6
7 years of age	1	0.1	39	0.4	137	0.4
8+ years of age	13	1.7	102	1.1	392	1.1

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ETIOLOGY **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	31	3.9	436	4.7	1778	4.7
Total Known Information	759	100.0	8836	100.0	35722	100.0
Genetic/Hereditary/Familial	199	26.2	1989	22.5	8107	22.7
Pregnancy Related						
Maternal rubella	4	0.5	29	0.3	232	0.6
Cytomegalovirus (CMV)	1	0.1	124	1.4	629	1.8
Maternal drug/alcohol abuse	4	0.5	73	0.8	256	0.7
Medications taken by mother	7	0.9	25	0.3	101	0.3
Rh incompatibility	1	0.1	20	0.2	78	0.2
Consequence of prematurity	27	3.6	301	3.4	1428	4.0
Trauma at birth	3	0.4	55	0.6	231	0.6
Other complications of pregnancy	35	4.6	290	3.3	1346	3.8
Post-Birth Disease/Injury						
Otitis media	80	10.5	653	7.4	1718	4.8
Meningitis	29	3.8	296	3.3	1291	3.6
Other infections	12	1.6	76	0.9	408	1.1
Medications taken by child	9	1.2	148	1.7	554	1.6
Trauma after birth	3	0.4	63	0.7	252	0.7
Other post-birth cause	41	5.4	312	3.5	1207	3.4
Cause cannot be determined/DNA	329	43.3	4680	53.0	19193	53.7
<b>+SPECIFIC GENETIC CAUSE OR SYNDROME</b>						
Total students	199	100.0	1989	100.0	8107	100.0
Information NOT reported	142	71.4	1450	72.9	4964	61.2
Total known information	57	100.0	539	100.0	3143	100.0
Waardenburg syndrome	1	1.8	31	5.8	152	4.8
Usher syndrome	3	5.3	19	3.5	91	2.9
Treacher syndrome	0	0.0	15	2.8	104	3.3
Down syndrome	9	15.8	80	14.8	275	8.7
CHARGE syndrome	7	12.3	42	7.8	176	5.6
Chromosome abnormality	5	8.8	16	3.0	69	2.2
Connexin-26 (GJB2)	3	5.3	15	2.8	57	1.8
Other	29	50.9	325	60.3	2237	71.2

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+ New question for the 2004-2005 survey year

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PARENTAL HEARING STATUS	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	43	5.4	752	8.1	2887	7.7
Total known info., Either Parent	747	100.0	8520	100.0	34613	100.0
Mother's status: Hearing	692	92.6	7784	91.4	31860	92.0
Hard of hearing	33	4.4	343	4.0	1027	3.0
Deaf	21	2.8	358	4.2	1601	4.6
Unknown	1	0.1	35	0.4	125	0.4
Father's status: Hearing	651	87.1	7227	84.8	29851	86.2
Hard of hearing	26	3.5	229	2.7	706	2.0
Deaf	23	3.1	323	3.8	1410	4.1
Unknown	47	6.3	741	8.7	2646	7.6
Both parents hearing	630	84.3	6936	81.4	28866	83.4
Both parents deaf or hard of hearing	27	3.6	342	4.0	1445	4.2
One parent deaf/hh; other hearing	42	5.6	466	5.5	1531	4.4
One parent deaf/hh; other unknown	7	0.9	103	1.2	323	0.9
One parent hearing; other unknown	41	5.5	673	7.9	2448	7.1
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	12	1.5	314	3.4	1617	4.3
Total known information	778	100.0	8958	100.0	35883	100.0
Has deaf or hard of hearing siblings	122	15.7	1261	14.1	4923	13.7
Has no deaf or hard of hearing siblings	624	80.2	6956	77.7	28059	78.2
Data Not Available	32	4.1	741	8.3	2901	8.1

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	137	17.3	1860	20.1	7708	20.6
Total known information	653	100.0	7412	100.0	29792	100.0
Earphone (preferred measurement)	585	89.6	6381	86.1	25499	85.6
Sound field	65	10.0	969	13.1	3965	13.3
+ABR	3	0.5	62	0.8	328	1.1
<b>DEGREE OF HEARING LOSS</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	78	9.9	1202	13.0	5364	14.3
Total known information	712	100.0	8070	100.0	32136	100.0
Normal (< 27 dB, ANSI)	161	22.6	1817	22.5	5493	17.1
Mild (27-40 dB, ANSI)	108	15.2	1262	15.6	3975	12.4
Moderate (41-55 dB, ANSI)	117	16.4	1196	14.8	4318	13.4
Mod-severe (56-70 dB, ANSI)	76	10.7	928	11.5	3908	12.2
Severe (71-90 dB, ANSI)	91	12.8	1056	13.1	4835	15.0
Profound (91 dB and above, ANSI)	159	22.3	1811	22.4	9607	29.9
<b>COCHLEAR IMPLANT</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	7	0.9	303	3.3	1428	3.8
Total known information	783	100.0	8969	100.0	36072	100.0
Have not had a cochlear implant	713	91.1	7945	88.6	32021	88.8
Have had a cochlear implant	70	8.9	1024	11.4	4051	11.2
Implant Use						
Total students	70	100.0	1024	100.0	4051	100.0
Information NOT reported	2	2.9	46	4.5	191	4.7
Total known information	68	100.0	978	100.0	3860	100.0
Implant still used	59	86.8	888	90.8	3544	91.8
Implant no longer used	9	13.2	90	9.2	316	8.2

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COCHLEAR IMPLANT USE IN CLASSROOM	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	70	100.0	1024	100.0	4051	100.0
Information NOT reported	5	7.1	148	14.5	725	17.9
Total known information	65	100.0	876	100.0	3326	100.0
Implant used in classroom	56	86.2	791	90.3	3001	90.2
Implant not used in classroom	9	13.8	85	9.7	325	9.8
<b>FUNCTIONAL HEARING ABILITY</b>						
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	14	1.8	416	4.5	1651	4.4
Total known information	776	100.0	8856	100.0	35849	100.0
Functions normally	81	10.4	1243	14.0	4102	11.4
Mildly limited	382	49.2	3695	41.7	13068	36.5
Moderately limited	77	9.9	1039	11.7	3794	10.6
Severely limited	182	23.5	1976	22.3	10456	29.2
No functional hearing	54	7.0	903	10.2	4429	12.4
<b>HEARING AID USE FOR INSTRUCTION</b>						
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	10	1.3	170	1.8	1007	2.7
Total known information	780	100.0	9102	100.0	36493	100.0
Hearing aid used for instruction	457	58.6	5230	57.5	21604	59.2
Hearing aid not used for instruction	323	41.4	3872	42.5	14889	40.8
<b>GROUP ASSISTIVE LISTENING DEVICE(ALD)USE</b>						
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	16	2.0	386	4.2	1849	4.9
Total known information	774	100.0	8886	100.0	35651	100.0
Group ALD used for instruction	288	37.2	4046	45.5	14701	41.2
Group ALD not used for instruction	486	62.8	4840	54.5	20950	58.8

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	5	0.6	241	2.6	1115	3.0
Total known information	785	100.0	9031	100.0	36385	100.0
English	703	89.6	7714	85.4	27476	75.5
Spanish	25	3.2	454	5.0	4438	12.2
Other	31	3.9	290	3.2	914	2.5
Multiple languages	26	3.3	573	6.3	3557	9.8
<b>SIGN USE IN THE HOME</b>						
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	18	2.3	323	3.5	1540	4.1
Total known information	772	100.0	8949	100.0	35960	100.0
Family members regularly sign	219	28.4	2189	24.5	9626	26.8
Family members do not regularly sign	537	69.6	6548	73.2	24906	69.3
Data not available	16	2.1	212	2.4	1428	4.0
<b>COMMUNICATION MODE PRIMARILY USED IN TEACHING</b>						
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	3	0.4	68	0.7	421	1.1
Total known information	787	100.0	9204	100.0	37079	100.0
Speech only	432	54.9	5119	55.6	17738	47.8
Sign and speech	205	26.0	3348	36.4	14639	39.5
Sign only	146	18.6	638	6.9	4149	11.2
Cued Speech	0	0.0	37	0.4	122	0.3
Other	4	0.5	62	0.7	431	1.2

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INSTRUCTIONAL SETTINGS **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	3	0.4	112	1.2	556	1.5
Total known information	787	100.0	9160	100.0	36944	100.0
Special school or center	132	16.8	1702	18.6	10364	28.1
Self-contained clrm in req. ed. setting	191	24.3	3000	32.8	11041	29.9
Resource room	231	29.4	1486	16.2	5199	14.1
Regular education setting	512	65.1	4739	51.7	17346	47.0
Home	0	0.0	189	2.1	948	2.6
Other	31	3.9	303	3.3	2434	6.6
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	4	0.5	272	2.9	1071	2.9
Total known information	786	100.0	9000	100.0	36429	100.0
None	182	23.2	2821	31.3	13262	36.4
1 to 5 hours/week	58	7.4	937	10.4	3720	10.2
6 to 15 hours/week	86	10.9	1070	11.9	4199	11.5
16 to 25 hours/week	159	20.2	1092	12.1	3768	10.3
26 or more hours/week	301	38.3	3080	34.2	11480	31.5
<b>+ABR Results</b>						
	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	756	95.7	8958	96.6	31062	82.8
Total known information	34	100.0	314	100.0	6438	100.0
ABR results are not available/reliable	33	97.1	242	77.1	4370	67.9
Response absent at 30 dB nHL	0	0.0	5	1.6	97	1.5
Response absent at 40 dB nHL	0	0.0	7	2.2	164	2.5
Response absent at 50 dB nHL	0	0.0	8	2.5	191	3.0
Response absent at 60 dB nHL	0	0.0	9	2.9	250	3.9
Response absent at 70-90 dB nHL	1	2.9	26	8.3	874	13.6
Response absent at 100+ dB nHL	0	0.0	17	5.4	492	7.6

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SUPPORT SERVICES RECEIVED **	Wisconsin		Midwest		Nation	
	N	%	N	%	N	%
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	7	0.9	185	2.0	723	1.9
Total known information	783	100.0	9087	100.0	36777	100.0
No support services	60	7.7	544	6.0	2465	6.7
Sign interpreting	186	23.8	2257	24.8	9200	25.0
Oral interpreting	8	1.0	119	1.3	455	1.2
Cued speech transliteration	0	0.0	40	0.4	135	0.4
Itinerant teacher services	377	48.1	3884	42.7	13302	36.2
Tutoring	174	22.2	698	7.7	3301	9.0
Classroom inst. ass't/aide services	122	15.6	1314	14.5	6893	18.7
+Adaptive PE	37	4.7	305	3.4	1151	3.1
Speech training/therapy	439	56.1	5340	58.8	22172	60.3
Auditory training	132	16.9	1729	19.0	9892	26.9
Counseling	63	8.0	1103	12.1	4234	11.5
Occupational/Physical Therapy (OT/PT)	84	10.7	937	10.3	3397	9.2
Notetaking	76	9.7	400	4.4	1748	4.8
Real-time captioning	3	0.4	101	1.1	610	1.7
Other	72	9.2	1005	11.1	4589	12.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	790	100.0	9272	100.0	37500	100.0
Information NOT reported	28	3.5	527	5.7	2093	5.6
Total known information	762	100.0	8745	100.0	35407	100.0
No condition in addition to deafness	367	48.2	4882	55.8	20390	57.6
Low vision	21	2.8	255	2.9	1173	3.3
Legal blindness	12	1.6	106	1.2	470	1.3
+Developmental delay	10	1.3	177	2.0	624	1.8
+Autism	11	1.4	100	1.1	341	1.0
+Orthopedic impairment(includes CP)	20	2.6	283	3.2	1295	3.7
Learning disability (LD)	97	12.7	915	10.5	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	102	13.4	694	7.9	2235	6.3
+Speech or language impairment	85	11.2	790	9.0	3362	9.5
+Traumatic brain injury	0	0.0	15	0.2	52	0.1
Mental retardation	78	10.2	805	9.2	2902	8.2
Emotional disturbance	27	3.5	195	2.2	675	1.9
+Other health impairment	18	2.4	211	2.4	703	2.0
Other conditions	53	7.0	593	6.8	2446	6.9

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