

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	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	12	1.5	229	2.5	841	2.2
Total known information	781	100.0	9043	100.0	36659	100.0
Under 3 years	4	0.5	201	2.2	1244	3.4
From 3 to 5 years	50	6.4	783	8.7	3419	9.3
From 6 to 9 years	147	18.8	2063	22.8	7898	21.5
From 10 to 13 years	202	25.9	2637	29.2	10348	28.2
From 14 to 17 years	272	34.8	2510	27.8	10230	27.9
18 years and older	106	13.6	849	9.4	3520	9.6
SEX						
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	1	0.1	50	0.5	148	0.4
Total known information	792	100.0	9222	100.0	37352	100.0
Male	438	55.3	5086	55.2	20253	54.2
Female	354	44.7	4136	44.8	17099	45.8
RACE/ETHNIC BACKGROUND						
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	2	0.3	133	1.4	583	1.6
Total known information	791	100.0	9139	100.0	36917	100.0
White	489	61.8	5930	64.9	18712	50.7
Black/African-American	230	29.1	1413	15.5	5647	15.3
Hispanic/Latino	31	3.9	960	10.5	9226	25.0
American Indian/Alaska Native	0	0.0	48	0.5	307	0.8
Asian/Pacific Islander	8	1.0	353	3.9	1512	4.1
Other	20	2.5	240	2.6	708	1.9
Multi-ethnic background indicated	13	1.6	195	2.1	805	2.2

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AGE AT ONSET OF HEARING LOSS	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	30	3.8	380	4.1	1551	4.1
Total known information	763	100.0	8892	100.0	35949	100.0
At Birth	312	40.9	3427	38.5	15212	42.3
Under 3 years	139	18.2	1586	17.8	6930	19.3
3 years or older	30	3.9	562	6.3	1985	5.5
Unknown	282	37.0	3317	37.3	11822	32.9

AGE AT ONSET OF HEARING LOSS	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	30	3.8	380	4.1	1551	4.1
Total known information	763	100.0	8892	100.0	35949	100.0
At Birth	312	40.9	3427	38.5	15212	42.3
Under One Year	63	8.3	611	6.9	2631	7.3
Unknown, but before age 2	53	6.9	707	8.0	2953	8.2
Unknown	282	37.0	3317	37.3	11822	32.9
1 year of age	11	1.4	85	1.0	587	1.6
2 years of age	12	1.6	183	2.1	759	2.1
3 years of age	14	1.8	152	1.7	554	1.5
4 years of age	2	0.3	95	1.1	361	1.0
5 years of age	6	0.8	106	1.2	336	0.9
6 years of age	1	0.1	68	0.8	205	0.6
7 years of age	2	0.3	39	0.4	137	0.4
8+ years of age	5	0.7	102	1.1	392	1.1

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ETIOLOGY **	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	37	4.7	436	4.7	1778	4.7
Total Known Information	756	100.0	8836	100.0	35722	100.0
Genetic/Hereditary/Familial	151	20.0	1989	22.5	8107	22.7
Pregnancy Related						
Maternal rubella	2	0.3	29	0.3	232	0.6
Cytomegalovirus (CMV)	19	2.5	124	1.4	629	1.8
Maternal drug/alcohol abuse	7	0.9	73	0.8	256	0.7
Medications taken by mother	4	0.5	25	0.3	101	0.3
Rh incompatibility	3	0.4	20	0.2	78	0.2
Consequence of prematurity	28	3.7	301	3.4	1428	4.0
Trauma at birth	1	0.1	55	0.6	231	0.6
Other complications of pregnancy	21	2.8	290	3.3	1346	3.8
Post-Birth Disease/Injury						
Otitis media	21	2.8	653	7.4	1718	4.8
Meningitis	26	3.4	296	3.3	1291	3.6
Other infections	9	1.2	76	0.9	408	1.1
Medications taken by child	14	1.9	148	1.7	554	1.6
Trauma after birth	4	0.5	63	0.7	252	0.7
Other post-birth cause	22	2.9	312	3.5	1207	3.4
Cause cannot be determined/DNA	445	58.9	4680	53.0	19193	53.7
+SPECIFIC GENETIC CAUSE OR SYNDROME						
Total students	151	100.0	1989	100.0	8107	100.0
Information NOT reported	130	86.1	1450	72.9	4964	61.2
Total known information	21	100.0	539	100.0	3143	100.0
Waardenburg syndrome	6	28.6	31	5.8	152	4.8
Usher syndrome	0	0.0	19	3.5	91	2.9
Treacher syndrome	1	4.8	15	2.8	104	3.3
Down syndrome	0	0.0	80	14.8	275	8.7
CHARGE syndrome	0	0.0	42	7.8	176	5.6
Chromosome abnormality	0	0.0	16	3.0	69	2.2
Connexin-26 (GJB2)	0	0.0	15	2.8	57	1.8
Other	14	66.7	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	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	65	8.2	752	8.1	2887	7.7
Total known info., Either Parent	728	100.0	8520	100.0	34613	100.0
Mother's status: Hearing	653	89.7	7784	91.4	31860	92.0
Hard of hearing	26	3.6	343	4.0	1027	3.0
Deaf	45	6.2	358	4.2	1601	4.6
Unknown	4	0.5	35	0.4	125	0.4
Father's status: Hearing	575	79.0	7227	84.8	29851	86.2
Hard of hearing	17	2.3	229	2.7	706	2.0
Deaf	38	5.2	323	3.8	1410	4.1
Unknown	98	13.5	741	8.7	2646	7.6
Both parents hearing	546	75.0	6936	81.4	28866	83.4
Both parents deaf or hard of hearing	38	5.2	342	4.0	1445	4.2
One parent deaf/hh; other hearing	42	5.8	466	5.5	1531	4.4
One parent deaf/hh; other unknown	8	1.1	103	1.2	323	0.9
One parent hearing; other unknown	94	12.9	673	7.9	2448	7.1
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	42	5.3	314	3.4	1617	4.3
Total known information	751	100.0	8958	100.0	35883	100.0
Has deaf or hard of hearing siblings	127	16.9	1261	14.1	4923	13.7
Has no deaf or hard of hearing siblings	573	76.3	6956	77.7	28059	78.2
Data Not Available	51	6.8	741	8.3	2901	8.1

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	167	21.1	1860	20.1	7708	20.6
Total known information	626	100.0	7412	100.0	29792	100.0
Earphone (preferred measurement)	601	96.0	6381	86.1	25499	85.6
Sound field	25	4.0	969	13.1	3965	13.3
+ABR	0	0.0	62	0.8	328	1.1
DEGREE OF HEARING LOSS						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	123	15.5	1202	13.0	5364	14.3
Total known information	670	100.0	8070	100.0	32136	100.0
Normal (< 27 dB, ANSI)	30	4.5	1817	22.5	5493	17.1
Mild (27-40 dB, ANSI)	79	11.8	1262	15.6	3975	12.4
Moderate (41-55 dB, ANSI)	69	10.3	1196	14.8	4318	13.4
Mod-severe (56-70 dB, ANSI)	97	14.5	928	11.5	3908	12.2
Severe (71-90 dB, ANSI)	103	15.4	1056	13.1	4835	15.0
Profound (91 dB and above, ANSI)	292	43.6	1811	22.4	9607	29.9
COCHLEAR IMPLANT						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	52	6.6	303	3.3	1428	3.8
Total known information	741	100.0	8969	100.0	36072	100.0
Have not had a cochlear implant	627	84.6	7945	88.6	32021	88.8
Have had a cochlear implant	114	15.4	1024	11.4	4051	11.2
Implant Use						
Total students	114	100.0	1024	100.0	4051	100.0
Information NOT reported	13	11.4	46	4.5	191	4.7
Total known information	101	100.0	978	100.0	3860	100.0
Implant still used	92	91.1	888	90.8	3544	91.8
Implant no longer used	9	8.9	90	9.2	316	8.2

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COCHLEAR IMPLANT USE IN CLASSROOM	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	114	100.0	1024	100.0	4051	100.0
Information NOT reported	14	12.3	148	14.5	725	17.9
Total known information	100	100.0	876	100.0	3326	100.0
Implant used in classroom	90	90.0	791	90.3	3001	90.2
Implant not used in classroom	10	10.0	85	9.7	325	9.8
FUNCTIONAL HEARING ABILITY	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	110	13.9	416	4.5	1651	4.4
Total known information	683	100.0	8856	100.0	35849	100.0
Functions normally	71	10.4	1243	14.0	4102	11.4
Mildly limited	202	29.6	3695	41.7	13068	36.5
Moderately limited	59	8.6	1039	11.7	3794	10.6
Severely limited	189	27.7	1976	22.3	10456	29.2
No functional hearing	162	23.7	903	10.2	4429	12.4
HEARING AID USE FOR INSTRUCTION	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	31	3.9	170	1.8	1007	2.7
Total known information	762	100.0	9102	100.0	36493	100.0
Hearing aid used for instruction	416	54.6	5230	57.5	21604	59.2
Hearing aid not used for instruction	346	45.4	3872	42.5	14889	40.8
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	64	8.1	386	4.2	1849	4.9
Total known information	729	100.0	8886	100.0	35651	100.0
Group ALD used for instruction	371	50.9	4046	45.5	14701	41.2
Group ALD not used for instruction	358	49.1	4840	54.5	20950	58.8

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	60	7.6	241	2.6	1115	3.0
Total known information	733	100.0	9031	100.0	36385	100.0
English	690	94.1	7714	85.4	27476	75.5
Spanish	11	1.5	454	5.0	4438	12.2
Other	6	0.8	290	3.2	914	2.5
Multiple languages	26	3.5	573	6.3	3557	9.8
SIGN USE IN THE HOME						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	39	4.9	323	3.5	1540	4.1
Total known information	754	100.0	8949	100.0	35960	100.0
Family members regularly sign	296	39.3	2189	24.5	9626	26.8
Family members do not regularly sign	420	55.7	6548	73.2	24906	69.3
Data not available	38	5.0	212	2.4	1428	4.0
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	16	2.0	68	0.7	421	1.1
Total known information	777	100.0	9204	100.0	37079	100.0
Speech only	152	19.6	5119	55.6	17738	47.8
Sign and speech	514	66.2	3348	36.4	14639	39.5
Sign only	107	13.8	638	6.9	4149	11.2
Cued Speech	1	0.1	37	0.4	122	0.3
Other	3	0.4	62	0.7	431	1.2

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INSTRUCTIONAL SETTINGS **	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	23	2.9	112	1.2	556	1.5
Total known information	770	100.0	9160	100.0	36944	100.0
Special school or center	216	28.1	1702	18.6	10364	28.1
Self-contained clrm in req. ed. setting	383	49.7	3000	32.8	11041	29.9
Resource room	82	10.6	1486	16.2	5199	14.1
Regular education setting	214	27.8	4739	51.7	17346	47.0
Home	1	0.1	189	2.1	948	2.6
Other	19	2.5	303	3.3	2434	6.6
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	47	5.9	272	2.9	1071	2.9
Total known information	746	100.0	9000	100.0	36429	100.0
None	389	52.1	2821	31.3	13262	36.4
1 to 5 hours/week	62	8.3	937	10.4	3720	10.2
6 to 15 hours/week	119	16.0	1070	11.9	4199	11.5
16 to 25 hours/week	93	12.5	1092	12.1	3768	10.3
26 or more hours/week	83	11.1	3080	34.2	11480	31.5
+ABR Results						
	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	791	99.7	8958	96.6	31062	82.8
Total known information	2	100.0	314	100.0	6438	100.0
ABR results are not available/reliable	2	100.0	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	0	0.0	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 **	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	39	4.9	185	2.0	723	1.9
Total known information	754	100.0	9087	100.0	36777	100.0
No support services	84	11.1	544	6.0	2465	6.7
Sign interpreting	373	49.5	2257	24.8	9200	25.0
Oral interpreting	19	2.5	119	1.3	455	1.2
Cued speech transliteration	1	0.1	40	0.4	135	0.4
Itinerant teacher services	29	3.8	3884	42.7	13302	36.2
Tutoring	34	4.5	698	7.7	3301	9.0
Classroom inst. ass't/aide services	96	12.7	1314	14.5	6893	18.7
+Adaptive PE	7	0.9	305	3.4	1151	3.1
Speech training/therapy	532	70.6	5340	58.8	22172	60.3
Auditory training	259	34.4	1729	19.0	9892	26.9
Counseling	41	5.4	1103	12.1	4234	11.5
Occupational/Physical Therapy (OT/PT)	50	6.6	937	10.3	3397	9.2
Notetaking	31	4.1	400	4.4	1748	4.8
Real-time captioning	14	1.9	101	1.1	610	1.7
Other	18	2.4	1005	11.1	4589	12.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**	Ohio		Midwest		Nation	
	N	%	N	%	N	%
Total students	793	100.0	9272	100.0	37500	100.0
Information NOT reported	86	10.8	527	5.7	2093	5.6
Total known information	707	100.0	8745	100.0	35407	100.0
No condition in addition to deafness	479	67.8	4882	55.8	20390	57.6
Low vision	21	3.0	255	2.9	1173	3.3
Legal blindness	7	1.0	106	1.2	470	1.3
+Developmental delay	3	0.4	177	2.0	624	1.8
+Autism	6	0.8	100	1.1	341	1.0
+Orthopedic impairment(includes CP)	26	3.7	283	3.2	1295	3.7
Learning disability (LD)	62	8.8	915	10.5	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	62	8.8	694	7.9	2235	6.3
+Speech or language impairment	15	2.1	790	9.0	3362	9.5
+Traumatic brain injury	0	0.0	15	0.2	52	0.1
Mental retardation	45	6.4	805	9.2	2902	8.2
Emotional disturbance	9	1.3	195	2.2	675	1.9
+Other health impairment	7	1.0	211	2.4	703	2.0
Other conditions	32	4.5	593	6.8	2446	6.9

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