

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	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	2	0.9	253	1.9	841	2.2
Total known information	212	100.0	12790	100.0	36659	100.0
Under 3 years	0	0.0	632	4.9	1244	3.4
From 3 to 5 years	5	2.4	1302	10.2	3419	9.3
From 6 to 9 years	52	24.5	2622	20.5	7898	21.5
From 10 to 13 years	62	29.2	3321	26.0	10348	28.2
From 14 to 17 years	57	26.9	3551	27.8	10230	27.9
18 years and older	36	17.0	1362	10.6	3520	9.6
SEX						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	1	0.5	31	0.2	148	0.4
Total known information	213	100.0	13012	100.0	37352	100.0
Male	110	51.6	7007	53.9	20253	54.2
Female	103	48.4	6005	46.1	17099	45.8
RACE/ETHNIC BACKGROUND						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	1	0.5	180	1.4	583	1.6
Total known information	213	100.0	12863	100.0	36917	100.0
White	130	61.0	5900	45.9	18712	50.7
Black/African-American	71	33.3	2834	22.0	5647	15.3
Hispanic/Latino	7	3.3	3408	26.5	9226	25.0
American Indian/Alaska Native	0	0.0	39	0.3	307	0.8
Asian/Pacific Islander	1	0.5	275	2.1	1512	4.1
Other	3	1.4	185	1.4	708	1.9
Multi-ethnic background indicated	1	0.5	222	1.7	805	2.2

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AGE AT ONSET OF HEARING LOSS	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	5	2.3	477	3.7	1551	4.1
Total known information	209	100.0	12566	100.0	35949	100.0
At Birth	104	49.8	5717	45.5	15212	42.3
Under 3 years	51	24.4	2510	20.0	6930	19.3
3 years or older	9	4.3	639	5.1	1985	5.5
Unknown	45	21.5	3700	29.4	11822	32.9

AGE AT ONSET OF HEARING LOSS	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	5	2.3	477	3.7	1551	4.1
Total known information	209	100.0	12566	100.0	35949	100.0
At Birth	104	49.8	5717	45.5	15212	42.3
Under One Year	30	14.4	1033	8.2	2631	7.3
Unknown, but before age 2	14	6.7	1013	8.1	2953	8.2
Unknown	45	21.5	3700	29.4	11822	32.9
1 year of age	3	1.4	199	1.6	587	1.6
2 years of age	4	1.9	265	2.1	759	2.1
3 years of age	1	0.5	201	1.6	554	1.5
4 years of age	5	2.4	126	1.0	361	1.0
5 years of age	1	0.5	101	0.8	336	0.9
6 years of age	0	0.0	61	0.5	205	0.6
7 years of age	1	0.5	30	0.2	137	0.4
8+ years of age	1	0.5	120	1.0	392	1.1

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ETIOLOGY **	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	1	0.5	501	3.8	1778	4.7
Total Known Information	213	100.0	12542	100.0	35722	100.0
Genetic/Hereditary/Familial	58	27.2	2700	21.5	8107	22.7
Pregnancy Related						
Maternal rubella	1	0.5	85	0.7	232	0.6
Cytomegalovirus (CMV)	5	2.3	297	2.4	629	1.8
Maternal drug/alcohol abuse	3	1.4	70	0.6	256	0.7
Medications taken by mother	0	0.0	30	0.2	101	0.3
Rh incompatibility	0	0.0	31	0.2	78	0.2
Consequence of prematurity	22	10.3	638	5.1	1428	4.0
Trauma at birth	0	0.0	90	0.7	231	0.6
Other complications of pregnancy	17	8.0	501	4.0	1346	3.8
Post-Birth Disease/Injury						
Otitis media	1	0.5	434	3.5	1718	4.8
Meningitis	15	7.0	495	3.9	1291	3.6
Other infections	1	0.5	136	1.1	408	1.1
Medications taken by child	0	0.0	180	1.4	554	1.6
Trauma after birth	1	0.5	88	0.7	252	0.7
Other post-birth cause	10	4.7	413	3.3	1207	3.4
Cause cannot be determined/DNA	88	41.3	6828	54.4	19193	53.7
+SPECIFIC GENETIC CAUSE OR SYNDROME						
Total students	58	100.0	2700	100.0	8107	100.0
Information NOT reported	32	55.2	1130	41.9	4964	61.2
Total known information	26	100.0	1570	100.0	3143	100.0
Waardenburg syndrome	1	3.8	56	3.6	152	4.8
Usher syndrome	2	7.7	39	2.5	91	2.9
Treacher syndrome	0	0.0	45	2.9	104	3.3
Down syndrome	0	0.0	73	4.6	275	8.7
CHARGE syndrome	2	7.7	57	3.6	176	5.6
Chromosome abnormality	2	7.7	26	1.7	69	2.2
Connexin-26 (GJB2)	0	0.0	17	1.1	57	1.8
Other	19	73.1	1261	80.3	2237	71.2

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+ New question for the 2004-2005 survey year

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PARENTAL HEARING STATUS	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	5	2.3	819	6.3	2887	7.7
Total known info., Either Parent	209	100.0	12224	100.0	34613	100.0
Mother's status: Hearing	186	89.0	11227	91.8	31860	92.0
Hard of hearing	5	2.4	341	2.8	1027	3.0
Deaf	17	8.1	614	5.0	1601	4.6
Unknown	1	0.5	42	0.3	125	0.4
Father's status: Hearing	175	83.7	10555	86.3	29851	86.2
Hard of hearing	2	1.0	206	1.7	706	2.0
Deaf	16	7.7	509	4.2	1410	4.1
Unknown	16	7.7	954	7.8	2646	7.6
Both parents hearing	170	81.3	10205	83.5	28866	83.4
Both parents deaf or hard of hearing	15	7.2	521	4.3	1445	4.2
One parent deaf/hh; other hearing	7	3.3	502	4.1	1531	4.4
One parent deaf/hh; other unknown	3	1.4	126	1.0	323	0.9
One parent hearing; other unknown	14	6.7	870	7.1	2448	7.1
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	5	2.3	492	3.8	1617	4.3
Total known information	209	100.0	12551	100.0	35883	100.0
Has deaf or hard of hearing siblings	17	8.1	1557	12.4	4923	13.7
Has no deaf or hard of hearing siblings	168	80.4	10020	79.8	28059	78.2
Data Not Available	24	11.5	974	7.8	2901	8.1

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	30	14.0	2781	21.3	7708	20.6
Total known information	184	100.0	10262	100.0	29792	100.0
Earphone (preferred measurement)	173	94.0	8533	83.2	25499	85.6
Sound field	11	6.0	1629	15.9	3965	13.3
+ABR	0	0.0	100	1.0	328	1.1
DEGREE OF HEARING LOSS						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	19	8.9	2017	15.5	5364	14.3
Total known information	195	100.0	11026	100.0	32136	100.0
Normal (< 27 dB, ANSI)	20	10.3	1152	10.4	5493	17.1
Mild (27-40 dB, ANSI)	9	4.6	1082	9.8	3975	12.4
Moderate (41-55 dB, ANSI)	17	8.7	1456	13.2	4318	13.4
Mod-severe (56-70 dB, ANSI)	17	8.7	1565	14.2	3908	12.2
Severe (71-90 dB, ANSI)	45	23.1	1908	17.3	4835	15.0
Profound (91 dB and above, ANSI)	87	44.6	3863	35.0	9607	29.9
COCHLEAR IMPLANT						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	3	1.4	447	3.4	1428	3.8
Total known information	211	100.0	12596	100.0	36072	100.0
Have not had a cochlear implant	189	89.6	10942	86.9	32021	88.8
Have had a cochlear implant	22	10.4	1654	13.1	4051	11.2
Implant Use						
Total students	22	100.0	1654	100.0	4051	100.0
Information NOT reported	1	4.5	78	4.7	191	4.7
Total known information	21	100.0	1576	100.0	3860	100.0
Implant still used	18	85.7	1418	90.0	3544	91.8
Implant no longer used	3	14.3	158	10.0	316	8.2

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COCHLEAR IMPLANT USE IN CLASSROOM	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	22	100.0	1654	100.0	4051	100.0
Information NOT reported	3	13.6	378	22.9	725	17.9
Total known information	19	100.0	1276	100.0	3326	100.0
Implant used in classroom	14	73.7	1110	87.0	3001	90.2
Implant not used in classroom	5	26.3	166	13.0	325	9.8
FUNCTIONAL HEARING ABILITY	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	14	6.5	453	3.5	1651	4.4
Total known information	200	100.0	12590	100.0	35849	100.0
Functions normally	15	7.5	1066	8.5	4102	11.4
Mildly limited	31	15.5	4180	33.2	13068	36.5
Moderately limited	12	6.0	1297	10.3	3794	10.6
Severely limited	102	51.0	4520	35.9	10456	29.2
No functional hearing	40	20.0	1527	12.1	4429	12.4
HEARING AID USE FOR INSTRUCTION	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	0	0.0	353	2.7	1007	2.7
Total known information	214	100.0	12690	100.0	36493	100.0
Hearing aid used for instruction	165	77.1	7668	60.4	21604	59.2
Hearing aid not used for instruction	49	22.9	5022	39.6	14889	40.8
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	20	9.3	624	4.8	1849	4.9
Total known information	194	100.0	12419	100.0	35651	100.0
Group ALD used for instruction	89	45.9	4813	38.8	14701	41.2
Group ALD not used for instruction	105	54.1	7606	61.2	20950	58.8

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	8	3.7	342	2.6	1115	3.0
Total known information	206	100.0	12701	100.0	36385	100.0
English	200	97.1	9888	77.9	27476	75.5
Spanish	5	2.4	1479	11.6	4438	12.2
Other	1	0.5	160	1.3	914	2.5
Multiple languages	0	0.0	1174	9.2	3557	9.8
SIGN USE IN THE HOME						
	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	8	3.7	442	3.4	1540	4.1
Total known information	206	100.0	12601	100.0	35960	100.0
Family members regularly sign	77	37.4	3677	29.2	9626	26.8
Family members do not regularly sign	119	57.8	8263	65.6	24906	69.3
Data not available	10	4.9	661	5.2	1428	4.0
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	4	1.9	164	1.3	421	1.1
Total known information	210	100.0	12879	100.0	37079	100.0
Speech only	47	22.4	5211	40.5	17738	47.8
Sign and speech	144	68.6	6113	47.5	14639	39.5
Sign only	19	9.0	1324	10.3	4149	11.2
Cued Speech	0	0.0	73	0.6	122	0.3
Other	0	0.0	158	1.2	431	1.2

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INSTRUCTIONAL SETTINGS **	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	2	0.9	260	2.0	556	1.5
Total known information	212	100.0	12783	100.0	36944	100.0
Special school or center	156	73.6	3470	27.1	10364	28.1
Self-contained clrm in req. ed. setting	7	3.3	4507	35.3	11041	29.9
Resource room	17	8.0	1921	15.0	5199	14.1
Regular education setting	48	22.6	6039	47.2	17346	47.0
Home	2	0.9	372	2.9	948	2.6
Other	0	0.0	1614	12.6	2434	6.6
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	5	2.3	355	2.7	1071	2.9
Total known information	209	100.0	12688	100.0	36429	100.0
None	156	74.6	4376	34.5	13262	36.4
1 to 5 hours/week	4	1.9	1488	11.7	3720	10.2
6 to 15 hours/week	2	1.0	1659	13.1	4199	11.5
16 to 25 hours/week	16	7.7	1323	10.4	3768	10.3
26 or more hours/week	31	14.8	3842	30.3	11480	31.5
+ABR Results						
	Arkansas		South		Nation	
	N	%	N	%	N	%
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	214	100.0	7720	59.2	31062	82.8
Total known information	0	0.0	5323	100.0	6438	100.0
ABR results are not available/reliable	0	0.0	3528	66.3	4370	67.9
Response absent at 30 dB nHL	0	0.0	84	1.6	97	1.5
Response absent at 40 dB nHL	0	0.0	134	2.5	164	2.5
Response absent at 50 dB nHL	0	0.0	165	3.1	191	3.0
Response absent at 60 dB nHL	0	0.0	213	4.0	250	3.9
Response absent at 70-90 dB nHL	0	0.0	755	14.2	874	13.6
Response absent at 100+ dB nHL	0	0.0	444	8.3	492	7.6

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SUPPORT SERVICES RECEIVED **	Arkansas		South		Nation	
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Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	9	4.2	207	1.6	723	1.9
Total known information	205	100.0	12836	100.0	36777	100.0
No support services	18	8.8	837	6.5	2465	6.7
Sign interpreting	5	2.4	4374	34.1	9200	25.0
Oral interpreting	0	0.0	178	1.4	455	1.2
Cued speech transliteration	0	0.0	73	0.6	135	0.4
Itinerant teacher services	12	5.9	3823	29.8	13302	36.2
Tutoring	0	0.0	1378	10.7	3301	9.0
Classroom inst. ass't/aide services	8	3.9	2519	19.6	6893	18.7
+Adaptive PE	0	0.0	212	1.7	1151	3.1
Speech training/therapy	106	51.7	8499	66.2	22172	60.3
Auditory training	7	3.4	4587	35.7	9892	26.9
Counseling	20	9.8	1421	11.1	4234	11.5
Occupational/Physical Therapy (OT/PT)	26	12.7	977	7.6	3397	9.2
Notetaking	1	0.5	804	6.3	1748	4.8
Real-time captioning	1	0.5	384	3.0	610	1.7
Other	146	71.2	1951	15.2	4589	12.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	214	100.0	13043	100.0	37500	100.0
Information NOT reported	7	3.3	458	3.5	2093	5.6
Total known information	207	100.0	12585	100.0	35407	100.0
No condition in addition to deafness	106	51.2	7273	57.8	20390	57.6
Low vision	13	6.3	407	3.2	1173	3.3
Legal blindness	2	1.0	186	1.5	470	1.3
+Developmental delay	9	4.3	133	1.1	624	1.8
+Autism	1	0.5	88	0.7	341	1.0
+Orthopedic impairment(includes CP)	14	6.8	445	3.5	1295	3.7
Learning disability (LD)	9	4.3	759	6.0	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	14	6.8	748	5.9	2235	6.3
+Speech or language impairment	6	2.9	1691	13.4	3362	9.5
+Traumatic brain injury	2	1.0	18	0.1	52	0.1
Mental retardation	22	10.6	951	7.6	2902	8.2
Emotional disturbance	22	10.6	201	1.6	675	1.9
+Other health impairment	0	0.0	218	1.7	703	2.0
Other conditions	30	14.5	786	6.2	2446	6.9

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