

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	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	3	0.9	253	1.9	841	2.2
Total known information	318	100.0	12790	100.0	36659	100.0
Under 3 years	23	7.2	632	4.9	1244	3.4
From 3 to 5 years	34	10.7	1302	10.2	3419	9.3
From 6 to 9 years	80	25.2	2622	20.5	7898	21.5
From 10 to 13 years	70	22.0	3321	26.0	10348	28.2
From 14 to 17 years	89	28.0	3551	27.8	10230	27.9
18 years and older	22	6.9	1362	10.6	3520	9.6
SEX	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	0	0.0	31	0.2	148	0.4
Total known information	321	100.0	13012	100.0	37352	100.0
Male	181	56.4	7007	53.9	20253	54.2
Female	140	43.6	6005	46.1	17099	45.8
RACE/ETHNIC BACKGROUND	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	2	0.6	180	1.4	583	1.6
Total known information	319	100.0	12863	100.0	36917	100.0
White	190	59.6	5900	45.9	18712	50.7
Black/African-American	79	24.8	2834	22.0	5647	15.3
Hispanic/Latino	34	10.7	3408	26.5	9226	25.0
American Indian/Alaska Native	0	0.0	39	0.3	307	0.8
Asian/Pacific Islander	10	3.1	275	2.1	1512	4.1
Other	5	1.6	185	1.4	708	1.9
Multi-ethnic background indicated	1	0.3	222	1.7	805	2.2

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AGE AT ONSET OF HEARING LOSS	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	6	1.9	477	3.7	1551	4.1
Total known information	315	100.0	12566	100.0	35949	100.0
At Birth	100	31.7	5717	45.5	15212	42.3
Under 3 years	84	26.7	2510	20.0	6930	19.3
3 years or older	23	7.3	639	5.1	1985	5.5
Unknown	108	34.3	3700	29.4	11822	32.9
AGE AT ONSET OF HEARING LOSS	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	6	1.9	477	3.7	1551	4.1
Total known information	315	100.0	12566	100.0	35949	100.0
At Birth	100	31.7	5717	45.5	15212	42.3
Under One Year	39	12.4	1033	8.2	2631	7.3
Unknown, but before age 2	33	10.5	1013	8.1	2953	8.2
Unknown	108	34.3	3700	29.4	11822	32.9
1 year of age	5	1.6	199	1.6	587	1.6
2 years of age	7	2.2	265	2.1	759	2.1
3 years of age	4	1.3	201	1.6	554	1.5
4 years of age	2	0.6	126	1.0	361	1.0
5 years of age	6	1.9	101	0.8	336	0.9
6 years of age	6	1.9	61	0.5	205	0.6
7 years of age	0	0.0	30	0.2	137	0.4
8+ years of age	5	1.6	120	1.0	392	1.1

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ETIOLOGY **	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	6	1.9	501	3.8	1778	4.7
Total Known Information	315	100.0	12542	100.0	35722	100.0
Genetic/Hereditary/Familial	63	20.0	2700	21.5	8107	22.7
Pregnancy Related						
Maternal rubella	2	0.6	85	0.7	232	0.6
Cytomegalovirus (CMV)	9	2.9	297	2.4	629	1.8
Maternal drug/alcohol abuse	0	0.0	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	29	9.2	638	5.1	1428	4.0
Trauma at birth	1	0.3	90	0.7	231	0.6
Other complications of pregnancy	13	4.1	501	4.0	1346	3.8
Post-Birth Disease/Injury						
Otitis media	14	4.4	434	3.5	1718	4.8
Meningitis	10	3.2	495	3.9	1291	3.6
Other infections	1	0.3	136	1.1	408	1.1
Medications taken by child	6	1.9	180	1.4	554	1.6
Trauma after birth	2	0.6	88	0.7	252	0.7
Other post-birth cause	12	3.8	413	3.3	1207	3.4
Cause cannot be determined/DNA	169	53.7	6828	54.4	19193	53.7
+SPECIFIC GENETIC CAUSE OR SYNDROME						
Total students	63	100.0	2700	100.0	8107	100.0
Information NOT reported	41	65.1	1130	41.9	4964	61.2
Total known information	22	100.0	1570	100.0	3143	100.0
Waardenburg syndrome	0	0.0	56	3.6	152	4.8
Usher syndrome	2	9.1	39	2.5	91	2.9
Treacher syndrome	2	9.1	45	2.9	104	3.3
Down syndrome	2	9.1	73	4.6	275	8.7
CHARGE syndrome	0	0.0	57	3.6	176	5.6
Chromosome abnormality	1	4.5	26	1.7	69	2.2
Connexin-26 (GJB2)	0	0.0	17	1.1	57	1.8
Other	15	68.2	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	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	50	15.6	819	6.3	2887	7.7
Total known info., Either Parent	271	100.0	12224	100.0	34613	100.0
Mother's status: Hearing	248	91.5	11227	91.8	31860	92.0
Hard of hearing	13	4.8	341	2.8	1027	3.0
Deaf	8	3.0	614	5.0	1601	4.6
Unknown	2	0.7	42	0.3	125	0.4
Father's status: Hearing	235	86.7	10555	86.3	29851	86.2
Hard of hearing	4	1.5	206	1.7	706	2.0
Deaf	4	1.5	509	4.2	1410	4.1
Unknown	28	10.3	954	7.8	2646	7.6
Both parents hearing	221	81.5	10205	83.5	28866	83.4
Both parents deaf or hard of hearing	5	1.8	521	4.3	1445	4.2
One parent deaf/hh; other hearing	15	5.5	502	4.1	1531	4.4
One parent deaf/hh; other unknown	4	1.5	126	1.0	323	0.9
One parent hearing; other unknown	26	9.6	870	7.1	2448	7.1
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	22	6.9	492	3.8	1617	4.3
Total known information	299	100.0	12551	100.0	35883	100.0
Has deaf or hard of hearing siblings	30	10.0	1557	12.4	4923	13.7
Has no deaf or hard of hearing siblings	213	71.2	10020	79.8	28059	78.2
Data Not Available	56	18.7	974	7.8	2901	8.1

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	92	28.7	2781	21.3	7708	20.6
Total known information	229	100.0	10262	100.0	29792	100.0
Earphone (preferred measurement)	198	86.5	8533	83.2	25499	85.6
Sound field	16	7.0	1629	15.9	3965	13.3
+ABR	15	6.6	100	1.0	328	1.1
DEGREE OF HEARING LOSS						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	69	21.5	2017	15.5	5364	14.3
Total known information	252	100.0	11026	100.0	32136	100.0
Normal (< 27 dB, ANSI)	69	27.4	1152	10.4	5493	17.1
Mild (27-40 dB, ANSI)	27	10.7	1082	9.8	3975	12.4
Moderate (41-55 dB, ANSI)	38	15.1	1456	13.2	4318	13.4
Mod-severe (56-70 dB, ANSI)	27	10.7	1565	14.2	3908	12.2
Severe (71-90 dB, ANSI)	32	12.7	1908	17.3	4835	15.0
Profound (91 dB and above, ANSI)	59	23.4	3863	35.0	9607	29.9
COCHLEAR IMPLANT						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	15	4.7	447	3.4	1428	3.8
Total known information	306	100.0	12596	100.0	36072	100.0
Have not had a cochlear implant	286	93.5	10942	86.9	32021	88.8
Have had a cochlear implant	20	6.5	1654	13.1	4051	11.2
Implant Use						
Total students	20	100.0	1654	100.0	4051	100.0
Information NOT reported	3	15.0	78	4.7	191	4.7
Total known information	17	100.0	1576	100.0	3860	100.0
Implant still used	15	88.2	1418	90.0	3544	91.8
Implant no longer used	2	11.8	158	10.0	316	8.2

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COCHLEAR IMPLANT USE IN CLASSROOM	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	20	100.0	1654	100.0	4051	100.0
Information NOT reported	2	10.0	378	22.9	725	17.9
Total known information	18	100.0	1276	100.0	3326	100.0
Implant used in classroom	16	88.9	1110	87.0	3001	90.2
Implant not used in classroom	2	11.1	166	13.0	325	9.8
FUNCTIONAL HEARING ABILITY	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	6	1.9	453	3.5	1651	4.4
Total known information	315	100.0	12590	100.0	35849	100.0
Functions normally	36	11.4	1066	8.5	4102	11.4
Mildly limited	132	41.9	4180	33.2	13068	36.5
Moderately limited	35	11.1	1297	10.3	3794	10.6
Severely limited	59	18.7	4520	35.9	10456	29.2
No functional hearing	53	16.8	1527	12.1	4429	12.4
HEARING AID USE FOR INSTRUCTION	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	7	2.2	353	2.7	1007	2.7
Total known information	314	100.0	12690	100.0	36493	100.0
Hearing aid used for instruction	184	58.6	7668	60.4	21604	59.2
Hearing aid not used for instruction	130	41.4	5022	39.6	14889	40.8
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	20	6.2	624	4.8	1849	4.9
Total known information	301	100.0	12419	100.0	35651	100.0
Group ALD used for instruction	73	24.3	4813	38.8	14701	41.2
Group ALD not used for instruction	228	75.7	7606	61.2	20950	58.8

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	4	1.2	342	2.6	1115	3.0
Total known information	317	100.0	12701	100.0	36385	100.0
English	282	89.0	9888	77.9	27476	75.5
Spanish	17	5.4	1479	11.6	4438	12.2
Other	3	0.9	160	1.3	914	2.5
Multiple languages	15	4.7	1174	9.2	3557	9.8
SIGN USE IN THE HOME						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	5	1.6	442	3.4	1540	4.1
Total known information	316	100.0	12601	100.0	35960	100.0
Family members regularly sign	73	23.1	3677	29.2	9626	26.8
Family members do not regularly sign	205	64.9	8263	65.6	24906	69.3
Data not available	38	12.0	661	5.2	1428	4.0
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	2	0.6	164	1.3	421	1.1
Total known information	319	100.0	12879	100.0	37079	100.0
Speech only	169	53.0	5211	40.5	17738	47.8
Sign and speech	55	17.2	6113	47.5	14639	39.5
Sign only	84	26.3	1324	10.3	4149	11.2
Cued Speech	0	0.0	73	0.6	122	0.3
Other	11	3.4	158	1.2	431	1.2

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INSTRUCTIONAL SETTINGS **	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	1	0.3	260	2.0	556	1.5
Total known information	320	100.0	12783	100.0	36944	100.0
Special school or center	158	49.4	3470	27.1	10364	28.1
Self-contained clrm in req. ed. setting	24	7.5	4507	35.3	11041	29.9
Resource room	25	7.8	1921	15.0	5199	14.1
Regular education setting	153	47.8	6039	47.2	17346	47.0
Home	6	1.9	372	2.9	948	2.6
Other	9	2.8	1614	12.6	2434	6.6
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	5	1.6	355	2.7	1071	2.9
Total known information	316	100.0	12688	100.0	36429	100.0
None	125	39.6	4376	34.5	13262	36.4
1 to 5 hours/week	5	1.6	1488	11.7	3720	10.2
6 to 15 hours/week	38	12.0	1659	13.1	4199	11.5
16 to 25 hours/week	35	11.1	1323	10.4	3768	10.3
26 or more hours/week	113	35.8	3842	30.3	11480	31.5
+ABR Results						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	308	96.0	7720	59.2	31062	82.8
Total known information	13	100.0	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	1	7.7	84	1.6	97	1.5
Response absent at 40 dB nHL	4	30.8	134	2.5	164	2.5
Response absent at 50 dB nHL	4	30.8	165	3.1	191	3.0
Response absent at 60 dB nHL	1	7.7	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	3	23.1	444	8.3	492	7.6

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SUPPORT SERVICES RECEIVED **	Delaware		South		Nation	
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Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	3	0.9	207	1.6	723	1.9
Total known information	318	100.0	12836	100.0	36777	100.0
No support services	55	17.3	837	6.5	2465	6.7
Sign interpreting	50	15.7	4374	34.1	9200	25.0
Oral interpreting	6	1.9	178	1.4	455	1.2
Cued speech transliteration	0	0.0	73	0.6	135	0.4
Itinerant teacher services	95	29.9	3823	29.8	13302	36.2
Tutoring	49	15.4	1378	10.7	3301	9.0
Classroom inst. ass't/aide services	21	6.6	2519	19.6	6893	18.7
+Adaptive PE	2	0.6	212	1.7	1151	3.1
Speech training/therapy	176	55.3	8499	66.2	22172	60.3
Auditory training	30	9.4	4587	35.7	9892	26.9
Counseling	24	7.5	1421	11.1	4234	11.5
Occupational/Physical Therapy (OT/PT)	51	16.0	977	7.6	3397	9.2
Notetaking	10	3.1	804	6.3	1748	4.8
Real-time captioning	3	0.9	384	3.0	610	1.7
Other	38	11.9	1951	15.2	4589	12.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
	Delaware		South		Nation	
	N	%	N	%	N	%
Total students	321	100.0	13043	100.0	37500	100.0
Information NOT reported	22	6.9	458	3.5	2093	5.6
Total known information	299	100.0	12585	100.0	35407	100.0
No condition in addition to deafness	166	55.5	7273	57.8	20390	57.6
Low vision	14	4.7	407	3.2	1173	3.3
Legal blindness	1	0.3	186	1.5	470	1.3
+Developmental delay	0	0.0	133	1.1	624	1.8
+Autism	1	0.3	88	0.7	341	1.0
+Orthopedic impairment(includes CP)	8	2.7	445	3.5	1295	3.7
Learning disability (LD)	53	17.7	759	6.0	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	24	8.0	748	5.9	2235	6.3
+Speech or language impairment	17	5.7	1691	13.4	3362	9.5
+Traumatic brain injury	0	0.0	18	0.1	52	0.1
Mental retardation	22	7.4	951	7.6	2902	8.2
Emotional disturbance	8	2.7	201	1.6	675	1.9
+Other health impairment	2	0.7	218	1.7	703	2.0
Other conditions	17	5.7	786	6.2	2446	6.9

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