

## 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	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	1	0.6	242	1.8	748	1.9
Total known information	174	100.0	13026	100.0	37996	100.0
Under 3 years	0	0.0	288	2.2	566	1.5
From 3 to 5 years	11	6.3	1078	8.3	2490	6.6
From 6 to 9 years	29	16.7	2511	19.3	7283	19.2
From 10 to 13 years	50	28.7	3382	26.0	10634	28.0
From 14 to 17 years	51	29.3	3686	28.3	11036	29.0
18 years and older	33	19.0	2081	16.0	5987	15.8
<b>SEX</b>	<b>West Virginia</b>	<b>%</b>	<b>South</b>	<b>%</b>	<b>Nation</b>	<b>%</b>
	N		N		N	
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	4	2.3	55	0.4	239	0.6
Total known information	171	100.0	13213	100.0	38505	100.0
Male	101	59.1	7117	53.9	20935	54.4
Female	70	40.9	6096	46.1	17570	45.6
<b>RACE/ETHNIC BACKGROUND</b>	<b>West Virginia</b>	<b>%</b>	<b>South</b>	<b>%</b>	<b>Nation</b>	<b>%</b>
	N		N		N	
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	1	0.6	160	1.2	595	1.5
Total known information	174	100.0	13108	100.0	38149	100.0
White	164	94.3	6069	46.3	19640	51.5
Black/African-American	4	2.3	2937	22.4	5880	15.4
Hispanic/Latino	2	1.1	3370	25.7	9226	24.2
American Indian/Alaska Native	0	0.0	37	0.3	329	0.9
Asian/Pacific Islander	1	0.6	266	2.0	1567	4.1
Other	1	0.6	188	1.4	688	1.8
Multi-ethnic background indicated	2	1.1	241	1.8	819	2.1

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AGE AT ONSET OF HEARING LOSS	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	4	2.3	322	2.4	1412	3.6
Total known information	171	100.0	12946	100.0	37332	100.0
At birth	80	46.8	5793	44.7	15644	41.9
Under 3 years	25	14.6	2655	20.5	7158	19.2
3 years or older	13	7.6	691	5.3	2120	5.7
Unknown	53	31.0	3807	29.4	12410	33.2
ETIOLOGY **	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	4	2.3	408	3.1	1618	4.2
Total Known Information	171	100.0	12860	100.0	37126	100.0
Genetic/Hereditary/Familial	44	25.7	2655	20.6	8087	21.8
Pregnancy Related						
Maternal rubella	1	0.6	79	0.6	246	0.7
Cytomegalovirus (CMV)	6	3.5	281	2.2	629	1.7
Maternal drug/alcohol abuse	1	0.6	67	0.5	260	0.7
Medications taken by mother	0	0.0	33	0.3	109	0.3
Rh incompatibility	0	0.0	39	0.3	97	0.3
Consequence of prematurity	7	4.1	680	5.3	1523	4.1
Trauma at birth	1	0.6	115	0.9	296	0.8
Other complications of pregnancy	9	5.3	535	4.2	1418	3.8
Post-Birth Disease/Injury						
Otitis media	26	15.2	477	3.7	1851	5.0
Meningitis	9	5.3	559	4.3	1483	4.0
Other infections	1	0.6	163	1.3	478	1.3
Medications taken by child	1	0.6	192	1.5	577	1.6
Trauma after birth	3	1.8	92	0.7	276	0.7
Other post-birth cause	3	1.8	450	3.5	1265	3.4
Cause cannot be determined/DNA	69	40.4	6958	54.1	19945	53.7

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PARENTAL HEARING STATUS	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	14	8.0	816	6.2	3033	7.8
Total known info., Either Parent	161	100.0	12452	100.0	35711	100.0
Mother's status: Hearing	145	90.1	11452	92.0	32944	92.3
Hard of hearing	3	1.9	338	2.7	1015	2.8
Deaf	11	6.8	610	4.9	1614	4.5
Unknown	2	1.2	52	0.4	138	0.4
Father's status: Hearing	131	81.4	10740	86.3	30811	86.3
Hard of hearing	7	4.3	204	1.6	727	2.0
Deaf	7	4.3	511	4.1	1413	4.0
Unknown	16	9.9	997	8.0	2760	7.7
Both parents hearing	127	78.9	10383	83.4	29811	83.5
Both parents deaf or hard of hearing	7	4.3	518	4.2	1447	4.1
One parent deaf/hh; other hearing	9	5.6	502	4.0	1555	4.4
One parent deaf/hh; other unknown	5	3.1	125	1.0	320	0.9
One parent hearing; other unknown	13	8.1	924	7.4	2578	7.2
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	11	6.3	567	4.3	2217	5.7
Total known information	164	100.0	12701	100.0	36527	100.0
Has deaf or hard of hearing siblings	24	14.6	1508	11.9	4859	13.3
Has no deaf or hard of hearing siblings	130	79.3	10222	80.5	28662	78.5
Data Not Available	10	6.1	971	7.6	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	39	22.3	2740	20.7	7982	20.6
Total known information	136	100.0	10528	100.0	30762	100.0
Earphone (preferred measurement)	111	81.6	8999	85.5	27211	88.5
Sound field	25	18.4	1529	14.5	3551	11.5
<b>DEGREE OF HEARING LOSS</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	35	20.0	1883	14.2	5146	13.3
Total known information	140	100.0	11385	100.0	33598	100.0
Normal (< 27 dB, ANSI)	25	17.9	1218	10.7	5630	16.8
Mild (27-40 dB, ANSI)	17	12.1	1158	10.2	4134	12.3
Moderate (41-55 dB, ANSI)	19	13.6	1454	12.8	4439	13.2
Mod-severe (56-70 dB, ANSI)	8	5.7	1609	14.1	4150	12.4
Severe (71-90 dB, ANSI)	27	19.3	1993	17.5	5109	15.2
Profound (91 dB and above, ANSI)	44	31.4	3953	34.7	10136	30.2
<b>COCHLEAR IMPLANT</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	6	3.4	376	2.8	1591	4.1
Total known information	169	100.0	12892	100.0	37153	100.0
Have not had a cochlear implant	151	89.3	11451	88.8	33578	90.4
Have had a cochlear implant	18	10.7	1441	11.2	3575	9.6
Implant Use						
Total students	18	100.0	1441	100.0	3575	100.0
Information NOT reported	0	0.0	51	3.5	160	4.5
Total known information	18	100.0	1390	100.0	3415	100.0
Implant still used	16	88.9	1237	89.0	3118	91.3
Implant no longer used	2	11.1	153	11.0	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	18	100.0	1441	100.0	3575	100.0
Information NOT reported	10	55.6	359	24.9	1130	31.6
Total known information	8	100.0	1082	100.0	2445	100.0
Implant used in classroom	6	75.0	936	86.5	2194	89.7
Implant not used in classroom	2	25.0	146	13.5	251	10.3
<b>FUNCTIONAL HEARING ABILITY</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	3	1.7	347	2.6	1488	3.8
Total known information	172	100.0	12921	100.0	37256	100.0
Functions normally	19	11.0	1234	9.6	4808	12.9
Mildly limited	67	39.0	4595	35.6	14113	37.9
+ Moderately limited	5	2.9	521	4.0	1995	5.4
Severely limited	67	39.0	4941	38.2	11523	30.9
No functional hearing	14	8.1	1630	12.6	4817	12.9
<b>HEARING AID USE FOR INSTRUCTION</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	5	2.9	266	2.0	1128	2.9
Total known information	170	100.0	13002	100.0	37616	100.0
Hearing aid used for instruction	115	67.6	7956	61.2	22568	60.0
Hearing aid not used for instruction	55	32.4	5046	38.8	15048	40.0
<b>GROUP ASSISTIVE LISTENING DEVICE(ALD)USE</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	14	8.0	727	5.5	2758	7.1
Total known information	161	100.0	12541	100.0	35986	100.0
Group ALD used for instruction	65	40.4	4779	38.1	14441	40.1
Group ALD not used for instruction	96	59.6	7762	61.9	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	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	2	1.1	330	2.5	1098	2.8
Total known information	173	100.0	12938	100.0	37646	100.0
English	171	98.8	10152	78.5	28724	76.3
Spanish	0	0.0	1430	11.1	4409	11.7
Other	0	0.0	154	1.2	980	2.6
Multiple languages	2	1.2	1202	9.3	3533	9.4
<b>SIGN USE IN THE HOME</b>						
	West Virginia	N	%	South	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	13	7.4	482	3.6	1902	4.9
Total known information	162	100.0	12786	100.0	36842	100.0
Family members regularly sign	62	38.3	3700	28.9	9921	26.9
Family members do not regularly sign	97	59.9	8491	66.4	25415	69.0
Data not available	3	1.9	595	4.7	1506	4.1
<b>COMMUNICATION MODE PRIMARILY USED IN TEACHING</b>						
	West Virginia	N	%	South	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	1	0.6	132	1.0	394	1.0
Total known information	174	100.0	13136	100.0	38350	100.0
Speech only	40	23.0	5348	40.7	18120	47.2
Sign and speech	121	69.5	6277	47.8	15460	40.3
Sign only	7	4.0	1279	9.7	4175	10.9
Cued Speech	0	0.0	75	0.6	117	0.3
Other	6	3.4	157	1.2	478	1.2

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INSTRUCTIONAL SETTINGS **	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	2	1.1	218	1.6	567	1.5
Total known information	173	100.0	13050	100.0	38177	100.0
Special school or center	108	62.4	3440	26.4	10354	27.1
Self-contained clrm in req. ed. setting	17	9.8	4913	37.6	11854	31.1
Resource room	22	12.7	1962	15.0	5290	13.9
Regular education setting	42	24.3	5890	45.1	17573	46.0
Home	1	0.6	630	4.8	1156	3.0
Other	4	2.3	780	6.0	1729	4.5
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	2	1.1	294	2.2	903	2.3
Total known information	173	100.0	12974	100.0	37841	100.0
None	112	64.7	4667	36.0	13994	37.0
1 to 5 hours/week	13	7.5	1655	12.8	4000	10.6
6 to 15 hours/week	12	6.9	1638	12.6	4226	11.2
16 to 25 hours/week	8	4.6	1313	10.1	3847	10.2
26 or more hours/week	28	16.2	3701	28.5	11774	31.1

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SUPPORT SERVICES RECEIVED **	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	6	3.4	225	1.7	817	2.1
Total known information	169	100.0	13043	100.0	37927	100.0
No support services	10	5.9	802	6.1	2179	5.7
Oral interpreting	10	5.9	158	1.2	381	1.0
Sign interpreting	26	15.4	3912	30.0	8749	23.1
Cued speech transliteration	1	0.6	71	0.5	126	0.3
Tutoring	4	2.4	1057	8.1	2667	7.0
Speech training/therapy	120	71.0	8804	67.5	22973	60.6
Notetaking	5	3.0	708	5.4	1636	4.3
Real-time captioning	1	0.6	164	1.3	411	1.1
Counseling	2	1.2	1404	10.8	4229	11.2
Itinerant teacher services	36	21.3	3949	30.3	13691	36.1
Classroom inst. ass't/aide services	27	16.0	2574	19.7	6755	17.8
Auditory training	27	16.0	4642	35.6	9991	26.3
Occupational/Physical Therapy (OT/PT)	19	11.2	1067	8.2	3350	8.8
Other	23	13.6	1827	14.0	5129	13.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	9	5.1	507	3.8	2585	6.7
Total known information	166	100.0	12761	100.0	36159	100.0
No condition in addition to deafness	84	50.6	7676	60.2	21860	60.5
Low vision	7	4.2	394	3.1	1134	3.1
Legal blindness	15	9.0	209	1.6	517	1.4
Learning disability	17	10.2	886	6.9	3621	10.0
Mental retardation	29	17.5	1050	8.2	3288	9.1
Attention Deficit Disorder	9	5.4	810	6.3	2388	6.6
Emotional disturbance	2	1.2	229	1.8	714	2.0
Cerebral palsy	5	3.0	398	3.1	1153	3.2
Other conditions	29	17.5	2218	17.4	4818	13.3

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FUNCTIONAL ASSESSMENT **	West Virginia		South		Nation	
	N	%	N	%	N	%
Total students	175	100.0	13268	100.0	38744	100.0
Information NOT reported	2	1.1	582	4.4	1791	4.6
Total known information	173	100.0	12686	100.0	36953	100.0
No functional limitations	53	30.6	3363	26.5	11268	30.5
1 or more functional limitation	120	69.4	9323	73.5	25685	69.5
*Vision	47	27.2	1601	12.6	4623	12.5
*Thinking/reasoning	69	39.9	4392	34.6	12788	34.6
*Maintaining attention to classroom tasks	82	47.4	4884	38.5	14372	38.9
*Expressive communication	84	48.6	7467	58.9	19456	52.7
*Receptive communication	86	49.7	7528	59.3	19674	53.2
*Social interaction/classroom behavior	58	33.5	3809	30.0	11385	30.8
*Use of hands, arms, and legs	26	15.0	1515	11.9	4587	12.4
*Balance	23	13.3	1284	10.1	3836	10.4
*Overall physical health	33	19.1	1406	11.1	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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