

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 1 of 9

AGE	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	9	2.4	119	2.0	748	1.9
Total known information	361	100.0	5752	100.0	37996	100.0
Under 3 years	3	0.8	22	0.4	566	1.5
From 3 to 5 years	17	4.7	319	5.5	2490	6.6
From 6 to 9 years	72	19.9	1143	19.9	7283	19.2
From 10 to 13 years	102	28.3	1653	28.7	10634	28.0
From 14 to 17 years	128	35.5	1656	28.8	11036	29.0
18 years and older	39	10.8	959	16.7	5987	15.8
SEX	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	2	0.5	38	0.6	239	0.6
Total known information	368	100.0	5833	100.0	38505	100.0
Male	209	56.8	3171	54.4	20935	54.4
Female	159	43.2	2662	45.6	17570	45.6
RACE/ETHNIC BACKGROUND	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	2	0.5	159	2.7	595	1.5
Total known information	368	100.0	5712	100.0	38149	100.0
White	339	92.1	3362	58.9	19640	51.5
Black/African-American	4	1.1	882	15.4	5880	15.4
Hispanic/Latino	4	1.1	1025	17.9	9226	24.2
American Indian/Alaska Native	0	0.0	11	0.2	329	0.9
Asian/Pacific Islander	16	4.3	225	3.9	1567	4.1
Other	0	0.0	117	2.0	688	1.8
Multi-ethnic background indicated	5	1.4	90	1.6	819	2.1

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Page 2 of 9

AGE AT ONSET OF HEARING LOSS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	4	1.1	268	4.6	1412	3.6
Total known information	366	100.0	5603	100.0	37332	100.0
At birth	93	25.4	2355	42.0	15644	41.9
Under 3 years	69	18.9	1313	23.4	7158	19.2
3 years or older	34	9.3	365	6.5	2120	5.7
Unknown	170	46.4	1570	28.0	12410	33.2
ETIOLOGY **						
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	10	2.7	288	4.9	1618	4.2
Total Known Information	360	100.0	5583	100.0	37126	100.0
Genetic/Hereditary/Familial	69	19.2	1361	24.4	8087	21.8
Pregnancy Related						
Maternal rubella	0	0.0	71	1.3	246	0.7
Cytomegalovirus (CMV)	3	0.8	93	1.7	629	1.7
Maternal drug/alcohol abuse	1	0.3	46	0.8	260	0.7
Medications taken by mother	0	0.0	23	0.4	109	0.3
Rh incompatibility	0	0.0	13	0.2	97	0.3
Consequence of prematurity	10	2.8	231	4.1	1523	4.1
Trauma at birth	2	0.6	44	0.8	296	0.8
Other complications of pregnancy	24	6.7	211	3.8	1418	3.8
Post-Birth Disease/Injury						
Otitis media	36	10.0	264	4.7	1851	5.0
Meningitis	2	0.6	246	4.4	1483	4.0
Other infections	3	0.8	93	1.7	478	1.3
Medications taken by child	4	1.1	88	1.6	577	1.6
Trauma after birth	1	0.3	34	0.6	276	0.7
Other post-birth cause	16	4.4	180	3.2	1265	3.4
Cause cannot be determined/DNA	199	55.3	2821	50.5	19945	53.7

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Page 3 of 9

PARENTAL HEARING STATUS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	27	7.3	459	7.8	3033	7.8
Total known info., Either Parent	343	100.0	5412	100.0	35711	100.0
Mother's status: Hearing	330	96.2	5036	93.1	32944	92.3
Hard of hearing	10	2.9	125	2.3	1015	2.8
Deaf	3	0.9	235	4.3	1614	4.5
Unknown	0	0.0	16	0.3	138	0.4
Father's status: Hearing	314	91.5	4674	86.4	30811	86.3
Hard of hearing	11	3.2	135	2.5	727	2.0
Deaf	3	0.9	209	3.9	1413	4.0
Unknown	15	4.4	394	7.3	2760	7.7
Both parents hearing	308	89.8	4550	84.1	29811	83.5
Both parents deaf or hard of hearing	4	1.2	213	3.9	1447	4.1
One parent deaf/hh; other hearing	16	4.7	239	4.4	1555	4.4
One parent deaf/hh; other unknown	3	0.9	39	0.7	320	0.9
One parent hearing; other unknown	12	3.5	371	6.9	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	6	1.6	500	8.5	2217	5.7
Total known information	364	100.0	5371	100.0	36527	100.0
Has deaf or hard of hearing siblings	48	13.2	798	14.9	4859	13.3
Has no deaf or hard of hearing siblings	282	77.5	4148	77.2	28662	78.5
Data Not Available	34	9.3	425	7.9	3006	8.2

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Page 4 of 9

UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	55	14.9	1232	21.0	7982	20.6
Total known information	315	100.0	4639	100.0	30762	100.0
Earphone (preferred measurement)	296	94.0	4308	92.9	27211	88.5
Sound field	19	6.0	331	7.1	3551	11.5
DEGREE OF HEARING LOSS						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	25	6.8	880	15.0	5146	13.3
Total known information	345	100.0	4991	100.0	33598	100.0
Normal (< 27 dB, ANSI)	162	47.0	882	17.7	5630	16.8
Mild (27-40 dB, ANSI)	60	17.4	524	10.5	4134	12.3
Moderate (41-55 dB, ANSI)	31	9.0	509	10.2	4439	13.2
Mod-severe (56-70 dB, ANSI)	27	7.8	515	10.3	4150	12.4
Severe (71-90 dB, ANSI)	30	8.7	760	15.2	5109	15.2
Profound (91 dB and above, ANSI)	35	10.1	1801	36.1	10136	30.2
COCHLEAR IMPLANT						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	13	3.5	300	5.1	1591	4.1
Total known information	357	100.0	5571	100.0	37153	100.0
Have not had a cochlear implant	346	96.9	4989	89.6	33578	90.4
Have had a cochlear implant	11	3.1	582	10.4	3575	9.6
Implant Use						
Total students	11	100.0	582	100.0	3575	100.0
Information NOT reported	1	9.1	35	6.0	160	4.5
Total known information	10	100.0	547	100.0	3415	100.0
Implant still used	10	100.0	522	95.4	3118	91.3
Implant no longer used	0	0.0	25	4.6	297	8.7

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Page 5 of 9

COCHLEAR IMPLANT USE IN CLASSROOM	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	11	100.0	582	100.0	3575	100.0
Information NOT reported	1	9.1	200	34.4	1130	31.6
Total known information	10	100.0	382	100.0	2445	100.0
Implant used in classroom	10	100.0	366	95.8	2194	89.7
Implant not used in classroom	0	0.0	16	4.2	251	10.3
FUNCTIONAL HEARING ABILITY						
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	4	1.1	306	5.2	1488	3.8
Total known information	366	100.0	5565	100.0	37256	100.0
Functions normally	154	42.1	873	15.7	4808	12.9
Mildly limited	139	38.0	1869	33.6	14113	37.9
+ Moderately limited	18	4.9	300	5.4	1995	5.4
Severely limited	44	12.0	1802	32.4	11523	30.9
No functional hearing	11	3.0	721	13.0	4817	12.9
HEARING AID USE FOR INSTRUCTION						
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	1	0.3	293	5.0	1128	2.9
Total known information	369	100.0	5578	100.0	37616	100.0
Hearing aid used for instruction	186	50.4	3364	60.3	22568	60.0
Hearing aid not used for instruction	183	49.6	2214	39.7	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE						
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	8	2.2	674	11.5	2758	7.1
Total known information	362	100.0	5197	100.0	35986	100.0
Group ALD used for instruction	164	45.3	2807	54.0	14441	40.1
Group ALD not used for instruction	198	54.7	2390	46.0	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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202-651-5575 * 1-800-451-8834 ext 5575

Page 6 of 9

SPOKEN/WRITTEN LANGUAGES IN THE HOME	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	4	1.1	229	3.9	1098	2.8
Total known information	366	100.0	5642	100.0	37646	100.0
English	348	95.1	4452	78.9	28724	76.3
Spanish	0	0.0	574	10.2	4409	11.7
Other	6	1.6	179	3.2	980	2.6
Multiple languages	12	3.3	437	7.7	3533	9.4
SIGN USE IN THE HOME						
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	12	3.2	405	6.9	1902	4.9
Total known information	358	100.0	5466	100.0	36842	100.0
Family members regularly sign	68	19.0	1522	27.8	9921	26.9
Family members do not regularly sign	288	80.4	3762	68.8	25415	69.0
Data not available	2	0.6	182	3.3	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	0	0.0	66	1.1	394	1.0
Total known information	370	100.0	5805	100.0	38350	100.0
Speech only	289	78.1	2602	44.8	18120	47.2
Sign and speech	28	7.6	2647	45.6	15460	40.3
Sign only	50	13.5	498	8.6	4175	10.9
Cued Speech	2	0.5	8	0.1	117	0.3
Other	1	0.3	50	0.9	478	1.2

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Page 7 of 9

INSTRUCTIONAL SETTINGS **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	0	0.0	102	1.7	567	1.5
Total known information	370	100.0	5769	100.0	38177	100.0
Special school or center	57	15.4	2708	46.9	10354	27.1
Self-contained clrm in req. ed. setting	16	4.3	727	12.6	11854	31.1
Resource room	34	9.2	520	9.0	5290	13.9
Regular education setting	283	76.5	2345	40.6	17573	46.0
Home	10	2.7	88	1.5	1156	3.0
Other	8	2.2	177	3.1	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	3	0.8	155	2.6	903	2.3
Total known information	367	100.0	5716	100.0	37841	100.0
None	66	18.0	2808	49.1	13994	37.0
1 to 5 hours/week	15	4.1	292	5.1	4000	10.6
6 to 15 hours/week	18	4.9	442	7.7	4226	11.2
16 to 25 hours/week	41	11.2	476	8.3	3847	10.2
26 or more hours/week	227	61.9	1698	29.7	11774	31.1

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Page 8 of 9

SUPPORT SERVICES RECEIVED **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	3	0.8	148	2.5	817	2.1
Total known information	367	100.0	5723	100.0	37927	100.0
No support services	58	15.8	224	3.9	2179	5.7
Oral interpreting	0	0.0	50	0.9	381	1.0
Sign interpreting	12	3.3	619	10.8	8749	23.1
Cued speech transliteration	3	0.8	17	0.3	126	0.3
Tutoring	105	28.6	369	6.4	2667	7.0
Speech training/therapy	130	35.4	3627	63.4	22973	60.6
Notetaking	2	0.5	184	3.2	1636	4.3
Real-time captioning	2	0.5	20	0.3	411	1.1
Counseling	32	8.7	790	13.8	4229	11.2
Itinerant teacher services	11	3.0	1732	30.3	13691	36.1
Classroom inst. ass't/aide services	60	16.3	837	14.6	6755	17.8
Auditory training	22	6.0	1065	18.6	9991	26.3
Occupational/Physical Therapy (OT/PT)	30	8.2	666	11.6	3350	8.8
Other	178	48.5	742	13.0	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	12	3.2	446	7.6	2585	6.7
Total known information	358	100.0	5425	100.0	36159	100.0
No condition in addition to deafness	214	59.8	3221	59.4	21860	60.5
Low vision	21	5.9	145	2.7	1134	3.1
Legal blindness	5	1.4	81	1.5	517	1.4
Learning disability	35	9.8	724	13.3	3621	10.0
Mental retardation	34	9.5	452	8.3	3288	9.1
Attention Deficit Disorder	25	7.0	410	7.6	2388	6.6
Emotional disturbance	17	4.7	164	3.0	714	2.0
Cerebral palsy	13	3.6	174	3.2	1153	3.2
Other conditions	47	13.1	606	11.2	4818	13.3

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Page 9 of 9

FUNCTIONAL ASSESSMENT **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	370	100.0	5871	100.0	38744	100.0
Information NOT reported	5	1.4	294	5.0	1791	4.6
Total known information	365	100.0	5577	100.0	36953	100.0
No functional limitations	164	44.9	1830	32.8	11268	30.5
1 or more functional limitation	201	55.1	3747	67.2	25685	69.5
*Vision	44	12.1	701	12.6	4623	12.5
*Thinking/reasoning	92	25.2	2060	36.9	12788	34.6
*Maintaining attention to classroom tasks	127	34.8	2327	41.7	14372	38.9
*Expressive communication	132	36.2	2723	48.8	19456	52.7
*Receptive communication	124	34.0	2744	49.2	19674	53.2
*Social interaction/classroom behavior	128	35.1	1873	33.6	11385	30.8
*Use of hands, arms, and legs	52	14.2	743	13.3	4587	12.4
*Balance	33	9.0	645	11.6	3836	10.4
*Overall physical health	38	10.4	643	11.5	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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