

## 2004-2005 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	371	100.0	5877	100.0	37500	100.0
Information NOT reported	9	2.4	126	2.1	841	2.2
Total known information	362	100.0	5751	100.0	36659	100.0
Under 3 years	4	1.1	123	2.1	1244	3.4
From 3 to 5 years	25	6.9	545	9.5	3419	9.3
From 6 to 9 years	77	21.3	1306	22.7	7898	21.5
From 10 to 13 years	106	29.3	1674	29.1	10348	28.2
From 14 to 17 years	129	35.6	1582	27.5	10230	27.9
18 years and older	21	5.8	521	9.1	3520	9.6
<b>SEX</b>	<b>Vermont</b>		<b>Northeast</b>		<b>Nation</b>	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	1	0.3	29	0.5	148	0.4
Total known information	370	100.0	5848	100.0	37352	100.0
Male	207	55.9	3194	54.6	20253	54.2
Female	163	44.1	2654	45.4	17099	45.8
<b>RACE/ETHNIC BACKGROUND</b>	<b>Vermont</b>		<b>Northeast</b>		<b>Nation</b>	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	2	0.5	139	2.4	583	1.6
Total known information	369	100.0	5738	100.0	36917	100.0
White	338	91.6	3359	58.5	18712	50.7
Black/African-American	5	1.4	871	15.2	5647	15.3
Hispanic/Latino	5	1.4	1053	18.4	9226	25.0
American Indian/Alaska Native	0	0.0	9	0.2	307	0.8
Asian/Pacific Islander	17	4.6	232	4.0	1512	4.1
Other	0	0.0	116	2.0	708	1.9
Multi-ethnic background indicated	4	1.1	98	1.7	805	2.2

Data from this report should be cited/referenced as:

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

Page 2 of 9

AGE AT ONSET OF HEARING LOSS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	4	1.1	255	4.3	1551	4.1
Total known information	367	100.0	5622	100.0	35949	100.0
At birth	92	25.1	2301	40.9	15212	42.3
Under 3 years	63	17.2	1438	25.6	6930	19.3
3 years or older	31	8.4	347	6.2	1985	5.5
Unknown	181	49.3	1536	27.3	11822	32.9

  

AGE AT ONSET OF HEARING LOSS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	4	1.1	255	4.3	1551	4.1
Total known information	367	100.0	5622	100.0	35949	100.0
At Birth	92	25.1	2301	40.9	15212	42.3
Under One Year	14	3.8	505	9.0	2631	7.3
Unknown, but before age 2	31	8.4	577	10.3	2953	8.2
Unknown	181	49.3	1536	27.3	11822	32.9
1 year of age	7	1.9	184	3.3	587	1.6
2 years of age	11	3.0	172	3.1	759	2.1
3 years of age	6	1.6	104	1.8	554	1.5
4 years of age	6	1.6	64	1.1	361	1.0
5 years of age	9	2.5	63	1.1	336	0.9
6 years of age	4	1.1	30	0.5	205	0.6
7 years of age	3	0.8	28	0.5	137	0.4
8+ years of age	3	0.8	58	1.0	392	1.1

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

Page 3 of 9

ETIOLOGY **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	11	3.0	279	4.7	1778	4.7
Total Known Information	360	100.0	5598	100.0	35722	100.0
Genetic/Hereditary/Familial	74	20.6	1382	24.7	8107	22.7
Pregnancy Related						
Maternal rubella	0	0.0	59	1.1	232	0.6
Cytomegalovirus (CMV)	3	0.8	89	1.6	629	1.8
Maternal drug/alcohol abuse	1	0.3	47	0.8	256	0.7
Medications taken by mother	0	0.0	23	0.4	101	0.3
Rh incompatibility	0	0.0	11	0.2	78	0.2
Consequence of prematurity	9	2.5	230	4.1	1428	4.0
Trauma at birth	2	0.6	38	0.7	231	0.6
Other complications of pregnancy	25	6.9	218	3.9	1346	3.8
Post-Birth Disease/Injury						
Otitis media	37	10.3	274	4.9	1718	4.8
Meningitis	2	0.6	211	3.8	1291	3.6
Other infections	3	0.8	88	1.6	408	1.1
Medications taken by child	4	1.1	94	1.7	554	1.6
Trauma after birth	0	0.0	29	0.5	252	0.7
Other post-birth cause	15	4.2	182	3.3	1207	3.4
Cause cannot be determined/DNA	194	53.9	2851	50.9	19193	53.7
<b>+SPECIFIC GENETIC CAUSE OR SYNDROME</b>						
Total students	74	100.0	1382	100.0	8107	100.0
Information NOT reported	44	59.5	972	70.3	4964	61.2
Total known information	30	100.0	410	100.0	3143	100.0
Waardenburg syndrome	0	0.0	20	4.9	152	4.8
Usher syndrome	1	3.3	14	3.4	91	2.9
Treacher syndrome	1	3.3	23	5.6	104	3.3
Down syndrome	5	16.7	44	10.7	275	8.7
CHARGE syndrome	2	6.7	39	9.5	176	5.6
Chromosome abnormality	0	0.0	9	2.2	69	2.2
Connexin-26 (GJB2)	2	6.7	12	2.9	57	1.8
Other	19	63.3	251	61.2	2237	71.2

\*\* Percent may total more than 100.0 because multiple responses were allowed

+ New question for the 2004-2005 survey year

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

Page 4 of 9

PARENTAL HEARING STATUS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	29	7.8	442	7.5	2887	7.7
Total known info., Either Parent	342	100.0	5435	100.0	34613	100.0
Mother's status: Hearing	328	95.9	5072	93.3	31860	92.0
Hard of hearing	12	3.5	121	2.2	1027	3.0
Deaf	2	0.6	227	4.2	1601	4.6
Unknown	0	0.0	15	0.3	125	0.4
Father's status: Hearing	310	90.6	4719	86.8	29851	86.2
Hard of hearing	13	3.8	134	2.5	706	2.0
Deaf	2	0.6	201	3.7	1410	4.1
Unknown	17	5.0	381	7.0	2646	7.6
Both parents hearing	302	88.3	4598	84.6	28866	83.4
Both parents deaf or hard of hearing	3	0.9	205	3.8	1445	4.2
One parent deaf/hh; other hearing	20	5.8	236	4.3	1531	4.4
One parent deaf/hh; other unknown	3	0.9	37	0.7	323	0.9
One parent hearing; other unknown	14	4.1	359	6.6	2448	7.1
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	6	1.6	390	6.6	1617	4.3
Total known information	365	100.0	5487	100.0	35883	100.0
Has deaf or hard of hearing siblings	47	12.9	822	15.0	4923	13.7
Has no deaf or hard of hearing siblings	281	77.0	4237	77.2	28059	78.2
Data Not Available	37	10.1	428	7.8	2901	8.1

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

Page 5 of 9

UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	59	15.9	1164	19.8	7708	20.6
Total known information	312	100.0	4713	100.0	29792	100.0
Earphone (preferred measurement)	288	92.3	4204	89.2	25499	85.6
Sound field	22	7.1	463	9.8	3965	13.3
+ABR	2	0.6	46	1.0	328	1.1
<b>DEGREE OF HEARING LOSS</b>						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	26	7.0	900	15.3	5364	14.3
Total known information	345	100.0	4977	100.0	32136	100.0
Normal (< 27 dB, ANSI)	167	48.4	918	18.4	5493	17.1
Mild (27-40 dB, ANSI)	60	17.4	548	11.0	3975	12.4
Moderate (41-55 dB, ANSI)	35	10.1	548	11.0	4318	13.4
Mod-severe (56-70 dB, ANSI)	24	7.0	509	10.2	3908	12.2
Severe (71-90 dB, ANSI)	28	8.1	763	15.3	4835	15.0
Profound (91 dB and above, ANSI)	31	9.0	1691	34.0	9607	29.9
<b>COCHLEAR IMPLANT</b>						
	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	11	3.0	222	3.8	1428	3.8
Total known information	360	100.0	5655	100.0	36072	100.0
Have not had a cochlear implant	350	97.2	4924	87.1	32021	88.8
Have had a cochlear implant	10	2.8	731	12.9	4051	11.2
<b>Implant Use</b>						
Total students	10	100.0	731	100.0	4051	100.0
Information NOT reported	0	0.0	37	5.1	191	4.7
Total known information	10	100.0	694	100.0	3860	100.0
Implant still used	10	100.0	666	96.0	3544	91.8
Implant no longer used	0	0.0	28	4.0	316	8.2

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Page 6 of 9

COCHLEAR IMPLANT USE IN CLASSROOM	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	10	100.0	731	100.0	4051	100.0
Information NOT reported	0	0.0	114	15.6	725	17.9
Total known information	10	100.0	617	100.0	3326	100.0
Implant used in classroom	10	100.0	589	95.5	3001	90.2
Implant not used in classroom	0	0.0	28	4.5	325	9.8
FUNCTIONAL HEARING ABILITY	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	4	1.1	306	5.2	1651	4.4
Total known information	367	100.0	5571	100.0	35849	100.0
Functions normally	169	46.0	855	15.3	4102	11.4
Mildly limited	133	36.2	1851	33.2	13068	36.5
Moderately limited	22	6.0	541	9.7	3794	10.6
Severely limited	35	9.5	1693	30.4	10456	29.2
No functional hearing	8	2.2	631	11.3	4429	12.4
HEARING AID USE FOR INSTRUCTION	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	2	0.5	213	3.6	1007	2.7
Total known information	369	100.0	5664	100.0	36493	100.0
Hearing aid used for instruction	189	51.2	3451	60.9	21604	59.2
Hearing aid not used for instruction	180	48.8	2213	39.1	14889	40.8
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	8	2.2	433	7.4	1849	4.9
Total known information	363	100.0	5444	100.0	35651	100.0
Group ALD used for instruction	168	46.3	3007	55.2	14701	41.2
Group ALD not used for instruction	195	53.7	2437	44.8	20950	58.8

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

Page 7 of 9

SPOKEN/WRITTEN LANGUAGES IN THE HOME	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	6	1.6	202	3.4	1115	3.0
Total known information	365	100.0	5675	100.0	36385	100.0
English	356	97.5	4483	79.0	27476	75.5
Spanish	0	0.0	573	10.1	4438	12.2
Other	3	0.8	171	3.0	914	2.5
Multiple languages	6	1.6	448	7.9	3557	9.8
SIGN USE IN THE HOME	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	12	3.2	322	5.5	1540	4.1
Total known information	359	100.0	5555	100.0	35960	100.0
Family members regularly sign	63	17.5	1476	26.6	9626	26.8
Family members do not regularly sign	294	81.9	3866	69.6	24906	69.3
Data not available	2	0.6	213	3.8	1428	4.0
COMMUNICATION MODE PRIMARILY USED IN TEACHING	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	0	0.0	48	0.8	421	1.1
Total known information	371	100.0	5829	100.0	37079	100.0
Speech only	298	80.3	2771	47.5	17738	47.8
Sign and speech	27	7.3	2476	42.5	14639	39.5
Sign only	42	11.3	500	8.6	4149	11.2
Cued Speech	2	0.5	8	0.1	122	0.3
Other	2	0.5	74	1.3	431	1.2

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

Page 8 of 9

INSTRUCTIONAL SETTINGS **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	2	0.5	90	1.5	556	1.5
Total known information	369	100.0	5787	100.0	36944	100.0
Special school or center	51	13.8	2697	46.6	10364	28.1
Self-contained clrm in req. ed. setting	17	4.6	773	13.4	11041	29.9
Resource room	36	9.8	492	8.5	5199	14.1
Regular education setting	289	78.3	2380	41.1	17346	47.0
Home	8	2.2	119	2.1	948	2.6
Other	4	1.1	107	1.8	2434	6.6
HRS/WK INTEGRATED W/HEARING STUDENTS	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	4	1.1	144	2.5	1071	2.9
Total known information	367	100.0	5733	100.0	36429	100.0
None	55	15.0	2776	48.4	13262	36.4
1 to 5 hours/week	11	3.0	307	5.4	3720	10.2
6 to 15 hours/week	21	5.7	425	7.4	4199	11.5
16 to 25 hours/week	32	8.7	436	7.6	3768	10.3
26 or more hours/week	248	67.6	1789	31.2	11480	31.5
+ABR Results	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	366	98.7	5593	95.2	31062	82.8
Total known information	5	100.0	284	100.0	6438	100.0
ABR results are not available/reliable	3	60.0	202	71.1	4370	67.9
Response absent at 30 dB nHL	0	0.0	4	1.4	97	1.5
Response absent at 40 dB nHL	0	0.0	5	1.8	164	2.5
Response absent at 50 dB nHL	0	0.0	3	1.1	191	3.0
Response absent at 60 dB nHL	0	0.0	12	4.2	250	3.9
Response absent at 70-90 dB nHL	1	20.0	40	14.1	874	13.6
Response absent at 100+ dB nHL	1	20.0	18	6.3	492	7.6

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Page 9 of 9

SUPPORT SERVICES RECEIVED **	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	5	1.3	125	2.1	723	1.9
Total known information	366	100.0	5752	100.0	36777	100.0
No support services	116	31.7	290	5.0	2465	6.7
Sign interpreting	21	5.7	581	10.1	9200	25.0
Oral interpreting	0	0.0	60	1.0	455	1.2
Cued speech transliteration	3	0.8	19	0.3	135	0.4
Itinerant teacher services	11	3.0	1864	32.4	13302	36.2
Tutoring	100	27.3	416	7.2	3301	9.0
Classroom inst. ass't/aide services	76	20.8	960	16.7	6893	18.7
+Adaptive PE	17	4.6	189	3.3	1151	3.1
Speech training/therapy	145	39.6	3845	66.8	22172	60.3
Auditory training	14	3.8	1369	23.8	9892	26.9
Counseling	27	7.4	850	14.8	4234	11.5
Occupational/Physical Therapy (OT/PT)	33	9.0	838	14.6	3397	9.2
Notetaking	5	1.4	222	3.9	1748	4.8
Real-time captioning	0	0.0	21	0.4	610	1.7
Other	56	15.3	547	9.5	4589	12.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**	Vermont		Northeast		Nation	
	N	%	N	%	N	%
Total students	371	100.0	5877	100.0	37500	100.0
Information NOT reported	6	1.6	357	6.1	2093	5.6
Total known information	365	100.0	5520	100.0	35407	100.0
No condition in addition to deafness	216	59.2	3215	58.2	20390	57.6
Low vision	20	5.5	165	3.0	1173	3.3
Legal blindness	5	1.4	80	1.4	470	1.3
+Developmental delay	4	1.1	144	2.6	624	1.8
+Autism	5	1.4	60	1.1	341	1.0
+Orthopedic impairment(includes CP)	12	3.3	203	3.7	1295	3.7
Learning disability (LD)	33	9.0	692	12.5	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	26	7.1	401	7.3	2235	6.3
+Speech or language impairment	4	1.1	244	4.4	3362	9.5
+Traumatic brain injury	0	0.0	7	0.1	52	0.1
Mental retardation	36	9.9	420	7.6	2902	8.2
Emotional disturbance	14	3.8	153	2.8	675	1.9
+Other health impairment	15	4.1	93	1.7	703	2.0
Other conditions	25	6.8	449	8.1	2446	6.9

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