

2001-2002 REGIONAL AND NATIONAL SUMMARY

Gallaudet Research Institute ♦ 800 Florida Avenue, NE ♦ Washington, DC 20002
202-651-5575 • 1-800-451-8834 ext 5575

	REGION									
	Northeast		Midwest		South		West		NATION	
AGE	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	119	1.8	232	2.3	204	1.4	209	2.0	764	1.8
Total Known Information	6484	100.0	10070	100.0	14740	100.0	10303	100.0	41597	100.0
Under 3 years	103	1.6	133	1.3	679	4.6	148	1.4	1063	2.6
From 3 to 5 years	624	9.6	835	8.3	1562	10.6	743	7.2	3764	9.0
From 6 to 9 years	1527	23.6	2372	23.6	3184	21.6	2264	22.0	9347	22.5
From 10 to 13 years	1903	29.3	3047	30.3	3933	26.7	3179	30.9	12062	29.0
From 14 to 17 years	1639	25.3	2738	27.2	3878	26.3	2998	29.1	11253	27.1
18 years and older	688	10.6	945	9.4	1504	10.2	971	9.4	4108	9.9
SEX	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	30	.5	68	.7	44	.3	80	.8	222	.5
Total Known Information	6573	100.0	10234	100.0	14900	100.0	10432	100.0	42139	100.0
Male	3517	53.5	5619	54.9	7989	53.6	5686	54.5	22811	54.1
Female	3056	46.5	4615	45.1	6911	46.4	4746	45.5	19328	45.9
RACE/ETHNIC BACKGROUND	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	169	2.6	113	1.1	222	1.5	249	2.4	753	1.8
Total Known Information	6434	100.0	10189	100.0	14722	100.0	10263	100.0	41608	100.0
White	3737	58.1	6934	68.1	7192	48.9	4029	39.3	21892	52.6
Black/African-American	964	15.0	1343	13.2	3608	24.5	692	6.7	6607	15.9
Hispanic/Latino	1236	19.2	954	9.4	3161	21.5	4138	40.3	9489	22.8
American Indian	12	.2	55	.5	46	.3	214	2.1	327	.8
Asian/Pacific Islander	238	3.7	469	4.6	267	1.8	794	7.7	1768	4.2
Other	135	2.1	223	2.2	199	1.4	130	1.3	687	1.7
Multi-ethnic background indicated	112	1.7	211	2.1	249	1.7	266	2.6	838	2.0

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	REGION								NATION	
	Northeast		Midwest		South		West		N	%
AGE AT ONSET OF HEARING LOSS	N	%	N	%	N	%	N	%		
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	300	4.5	415	4.0	435	2.9	657	6.3	1807	4.3
Total Known Information	6303	100.0	9887	100.0	14509	100.0	9855	100.0	40554	100.0
At birth	2719	43.1	3803	38.5	6498	44.8	4013	40.7	17033	42.0
Under 3 years	1369	21.7	1677	17.0	3148	21.7	1577	16.0	7771	19.2
3 years or older	420	6.7	598	6.0	766	5.3	499	5.1	2283	5.6
Unknown	1795	28.5	3809	38.5	4097	28.2	3766	38.2	13467	33.2
ETIOLOGY	N	%*	N	%*	N	%*	N	%*	N	%*
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	370	5.6	525	5.1	562	3.8	751	7.1	2208	5.2
Total Known Information	6233	100.0	9777	100.0	14382	100.0	9761	100.0	40153	100.0
Genetic/Hereditary/Familial	1416	22.7	2042	20.9	2921	20.3	1962	20.1	8341	20.8
Pregnancy Related										
Maternal rubella	88	1.4	41	.4	100	.7	103	1.1	332	.8
Cytomegalovirus (CMV)	100	1.6	142	1.5	340	2.4	132	1.4	714	1.8
Maternal drug/alcohol abuse	56	0.9	60	.6	74	.5	81	.8	271	.7
Medications taken by mother	19	0.3	19	.2	45	.3	27	.3	110	.3
Rh incompatibility	20	0.3	23	.2	44	.3	22	.2	109	.3
Consequence of prematurity	223	3.6	376	3.8	781	5.4	305	3.1	1685	4.2
Trauma at birth	74	1.2	114	1.2	183	1.3	99	1.0	470	1.2
Other complications of pregnancy	243	3.9	361	3.7	637	4.4	395	4.0	1636	4.1
Post-Birth Disease/Injury										
Otitis media	348	5.6	795	8.1	632	4.4	485	5.0	2260	5.6
Meningitis	307	4.9	409	4.2	785	5.5	399	4.1	1900	4.7
Other infections	115	1.8	143	1.5	254	1.8	174	1.8	686	1.7
Medications taken by child	81	1.3	153	1.6	180	1.3	115	1.2	529	1.3
Trauma after birth	48	.8	81	.8	127	.9	91	.9	347	.9
Other post-birth cause	195	3.1	330	3.4	496	3.4	292	3.0	1313	3.3
Cause cannot be determined/DNA	3149	50.5	5053	51.7	7431	51.7	5421	55.5	21054	52.4

*Percent may total more than 100.0 because of multiple responses.

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	REGION								NATION	
	Northeast		Midwest		South		West		N	%
PARENTAL HEARING STATUS	N	%	N	%	N	%	N	%		
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	446	6.8	778	7.6	1136	7.6	1207	11.5	3567	8.4
<i>Total Known Information, Either Parent</i>	<i>6157</i>	<i>100.0</i>	<i>9524</i>	<i>100.0</i>	<i>13808</i>	<i>100.0</i>	<i>9305</i>	<i>100.0</i>	<i>38794</i>	<i>100.0</i>
Mother: Hearing	5791	94.1	8763	92.0	12707	92.0	8673	93.2	35934	92.6
Hard of Hearing	125	2.0	321	3.4	382	2.8	210	2.3	1038	2.7
Deaf	215	3.5	388	4.1	647	4.7	367	3.9	1617	4.2
Unknown	26	.4	52	.5	72	.5	55	.6	205	.5
Father: Hearing	5433	88.2	8116	85.2	11858	85.9	8129	87.4	33536	86.4
Hard of Hearing	159	2.6	243	2.6	240	1.7	150	1.6	792	2.0
Deaf	176	2.9	327	3.4	525	3.8	331	3.6	1359	3.5
Unknown	389	6.3	838	8.8	1185	8.6	695	7.5	3107	8.0
Both parents hearing	5281	85.8	7804	81.9	11452	82.9	7889	84.8	32426	83.6
Both parents deaf or hard of hearing	183	3.0	343	3.6	547	4.0	330	3.5	1403	3.6
One parent deaf/hh; other hearing	278	4.5	486	5.1	552	4.0	336	3.6	1652	4.3
One parent deaf/hh; other unknown	31	.5	107	1.1	148	1.1	62	.7	348	.9
One parent hearing; other unknown	384	6.2	784	8.2	1109	8.0	688	7.4	2965	7.6
STUDENT HAS DEAF OR HARD OF HEARING SIBLINGS*	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	1644	24.9	2108	20.5	2574	17.2	2082	19.8	8408	19.8
Total Known Information	4959	100.0	8194	100.0	12370	100.0	8430	100.0	33953	100.0
Has deaf or hard of hearing siblings	644	13.0	1110	13.5	1460	11.8	1083	12.8	4297	12.7
Has no deaf or hard of hearing siblings	4024	81.1	6380	77.9	10015	81.0	6543	77.6	26962	79.4
Data Not Available	291	5.9	704	8.6	895	7.2	804	9.5	2694	7.9

*New question for the 2001-2002 survey year.

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	Northeast		Midwest		South		West		N	%
DEGREE OF HEARING LOSS	N	%	N	%	N	%	N	%		
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	1042	15.8	1158	11.2	2015	13.5	1445	13.7	5660	13.4
Total Known Information	5561	100.0	9144	100.0	12929	100.0	9067	100.0	36701	100.0
Normal (<27 dB, ANSI)	833	15.0	2013	22.0	1405	10.9	1694	18.7	5945	16.2
Mild (27-40 dB, ANSI)	571	10.3	1326	14.5	1214	9.4	1196	13.2	4307	11.7
Moderate (41-55 dB, ANSI)	599	10.8	1328	14.5	1595	12.3	1192	13.1	4714	12.8
Moderate-Severe (56-70 dB, ANSI)	621	11.2	1095	12.0	1715	13.3	1015	11.2	4446	12.1
Severe (71-90 dB, ANSI)	915	16.5	1169	12.8	2290	17.7	1307	14.4	5681	15.5
Profound (91 dB & above, ANSI)	2022	36.4	2213	24.2	4710	36.4	2663	29.4	11608	31.6
COCHLEAR IMPLANT	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	366	5.5	330	3.2	459	3.1	972	9.2	2127	5.0
Total Known Information	6237	100.0	9972	100.0	14485	100.0	9540	100.0	40234	100.0
Have not had a cochlear implant	5687	91.2	9207	92.3	13277	91.7	9095	95.3	37266	92.6
Have had a cochlear implant	550	8.8	765	7.7	1208	8.3	445	4.7	2968	7.4
<i>IMPLANT USE</i>										
Total Known Information	550	100.0	765	100.0	1208	100.0	445	100.0	2968	100.0
Information NOT reported	46	8.4	31	4.1	73	6.0	25	5.6	175	5.9
Total Known Information	504	100.0	734	100.0	1135	100.0	420	100.0	2793	100.0
Implant still used	483	95.8	655	89.2	992	87.4	396	94.3	2526	90.4
Implant no longer used	21	4.2	79	10.8	143	12.6	24	5.7	267	9.6
HEARING AID USE FOR INSTRUCTION	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	433	6.6	412	4.0	477	3.2	1081	10.3	2403	5.7
Total Known Information	6170	100.0	9890	100.0	14467	100.0	9431	100.0	39958	100.0
Hearing aid used for instruction	3899	63.2	6004	60.7	9472	65.5	5707	60.5	25082	62.8
Hearing aid not used for instruction	2271	36.8	3886	39.3	4995	34.5	3724	39.5	14876	37.2

Data from this report should be cited/referenced as:

Gallaudet Research Institute. (January, 2003). *Regional and National Summary Report of Data from the 2001-2002 Annual Survey of Deaf and Hard of Hearing Children & Youth*. Washington, DC: GRI, Gallaudet University.

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	Northeast		Midwest		South		West			
GROUP ASSISTIVE LISTENING DEVICE USE FOR INSTRUCTION*	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	1795	27.2	2354	22.8	2933	19.6	2247	21.4	9329	22.0
Total Known Information	4808	100.0	7948	100.0	12011	100.0	8265	100.0	33032	100.0
Group assistive listening device used for instruction	2475	51.5	3297	41.5	4444	37.0	2530	30.6	12746	38.6
Group assistive listening device not used for instruction	2333	48.5	4651	58.5	7567	63.0	5735	69.4	20286	61.4
SPOKEN/WRITTEN LANGUAGES IN THE HOME	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	341	5.2	323	3.1	573	3.8	610	5.8	1847	4.4
Total Known Information	6262	100.0	9979	100.0	14371	100.0	9902	100.0	40514	100.0
English	4877	77.9	8581	86.0	11743	81.7	6105	61.7	31306	77.3
Spanish	692	11.1	436	4.4	1247	8.7	1985	20.0	4360	10.8
Other	184	2.9	383	3.8	197	1.4	399	4.0	1163	2.9
Multiple languages	509	8.1	579	5.8	1184	8.2	1413	14.3	3685	9.1
SIGN USE IN THE HOME	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	790	12.0	1118	10.9	1586	10.6	1633	15.5	5127	12.1
Total Known Information	5813	100.0	9184	100.0	13358	100.0	8879	100.0	37234	100.0
Family members regularly sign	1634	28.1	2375	25.9	4192	31.4	2354	26.5	10555	28.3
Family members do not regularly sign	4179	71.9	6809	74.1	9166	68.6	6525	73.5	26679	71.7

*New question for the 2001-2002 survey year.

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	REGION								NATION	
	Northeast		Midwest		South		West			
PRIMARY METHOD OF TEACHING	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	83	1.3	62	.6	342	2.3	283	2.7	770	1.8
Total Known Information	6520	100.0	10240	100.0	14602	100.0	10229	100.0	41591	100.0
Speech only	2903	44.5	5470	53.4	5742	39.3	5055	49.4	19170	46.1
Sign and speech	3063	47.0	4166	40.7	7760	53.1	3706	36.2	18695	44.9
Sign only	514	7.9	509	5.0	891	6.1	1261	12.3	3175	7.6
Cued speech	5	.1	27	.3	90	.6	45	.4	167	.4
Other	35	.5	68	.7	119	.8	162	1.6	384	.9
INSTRUCTIONAL SETTINGS	N	%*	N	%*	N	%*	N	%*	N	%*
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	138	2.1	133	1.3	352	2.4	303	2.9	926	2.2
Total Known Information	6465	100.0	10169	100.0	14592	100.0	10209	100.0	41435	100.0
Special school or center	2928	45.3	1779	17.5	3890	26.7	2443	23.9	11040	26.6
Self-contained class in reg sch setting	1094	16.9	3455	34.0	5401	37.0	3255	31.9	13205	31.9
Resource room	631	9.8	1591	15.6	2015	13.8	1337	13.1	5574	13.5
Regular education setting	2534	39.2	5297	52.1	6236	42.7	4680	45.8	18747	45.2
Home	151	2.3	146	1.4	677	4.6	157	1.5	1131	2.7
Other	129	2.0	448	4.4	1087	7.4	467	4.6	2131	5.1
HOURS PER WEEK INTEGRATED WITH HEARING STUDENTS FOR ACADEMIC INSTRUCTION	N	%	N	%	N	%	N	%	N	%
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	224	3.4	246	2.4	532	3.6	471	4.5	1473	3.5
Total Known Information	6379	100.0	10056	100.0	14412	100.0	10041	100.0	40888	100.0
None	3114	48.8	3136	31.2	5321	36.9	3477	34.6	15048	36.8
1 - 5 hrs per week	410	6.4	1059	10.5	1809	12.6	1122	11.2	4400	10.8
6 - 15 hrs per week	572	9.0	1119	11.1	1885	13.1	1135	11.3	4711	11.5
16 - 25 hrs per week	554	8.7	1216	12.1	1441	10.0	1043	10.4	4254	10.4
26 or more hrs per week	1729	27.1	3526	35.1	3956	27.4	3264	32.5	12475	30.5

*Percent may total more than 100.0 because of multiple responses.

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	REGION								NATION	
	Northeast		Midwest		South		West		N	%*
SUPPORT SERVICES RECEIVED	N	%*	N	%*	N	%*	N	%*		
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	417	6.3	293	2.8	773	5.2	879	8.4	2362	5.6
Total Known Information	6186	100.0	10009	100.0	14171	100.0	9633	100.0	39999	100.0
No support services	279	4.5	438	4.4	925	6.5	432	4.5	2074	5.2
Oral interpreting	63	1.0	57	.6	137	1.0	70	.7	327	.8
Sign interpreting	859	13.9	2170	21.7	4160	29.4	1978	20.5	9167	22.9
Cued speech transliteration	11	.2	18	.2	80	.6	39	.4	148	.4
Tutoring	415	6.7	617	6.2	1111	7.8	672	7.0	2815	7.0
Speech training	3826	61.8	5580	55.7	9413	66.4	4837	50.2	23656	59.1
Notetaking	322	5.2	396	4.0	773	5.5	387	4.0	1878	4.7
Real-time captioning	27	.4	119	1.2	222	1.6	114	1.2	482	1.2
Counseling (individual/group)	806	13.0	1120	11.2	1704	12.0	848	8.8	4478	11.2
Itinerant teacher/services	1867	30.2	4177	41.7	3962	28.0	4158	43.2	14164	35.4
Classroom instructional assistant/aide services	631	10.2	976	9.8	2312	16.3	1610	16.7	5529	13.8
Auditory training	1058	17.1	1297	13.0	4116	29.0	1787	18.6	8258	20.6
Occupational/Physical Therapy (OT/PT)	568	9.2	680	6.8	904	6.4	559	5.8	2711	6.8
Other	639	10.3	1194	11.9	1835	12.9	1092	11.3	4760	11.9
ADDITIONAL CONDITIONS	N	%*	N	%*	N	%*	N	%*	N	%*
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	837	12.7	1125	10.9	1502	10.1	1574	15.0	5038	11.9
Total Known Information	5766	100.0	9177	100.0	13442	100.0	8938	100.0	37323	100.0
No condition in addition to deafness	3368	58.4	5393	58.8	8190	60.9	5483	61.3	22434	60.1
Low vision	109	1.9	200	2.2	294	2.2	216	2.4	819	2.2
Legal blindness	108	1.9	136	1.5	259	1.9	137	1.5	640	1.7
Learning disability	877	15.2	1033	11.3	937	7.0	1141	12.8	3988	10.7
Mental retardation	528	9.2	978	10.7	1258	9.4	895	10.0	3659	9.8
Attention Deficit Disorder (ADD/ADHD)	414	7.2	717	7.8	891	6.6	440	4.9	2462	6.6
Emotional disturbance	163	2.8	152	1.7	212	1.6	114	1.3	641	1.7
Cerebral palsy	185	3.2	283	3.1	456	3.4	356	4.0	1280	3.4
Other conditions	567	9.8	1048	11.4	2034	15.1	880	9.8	4529	12.1

*Percent may total more than 100.0 because of multiple responses.

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	REGION								NATION	
	Northeast		Midwest		South		West		N	%**
FUNCTIONAL ASSESSMENT	N	%**	N	%**	N	%**	N	%**		
Total Students	6603	100.0	10302	100.0	14944	100.0	10512	100.0	42361	100.0
Information NOT reported	420	6.4	786	7.6	1345	9.0	1064	10.1	3615	8.5
Total Known Information	6183	100.0	9516	100.0	13599	100.0	9448	100.0	38746	100.0
No functional limitations	2101	34.0	2857	30.0	3399	25.0	3137	33.2	11494	29.7
1 or more functional limitation	4082	66.0	6659	70.0	10200	75.0	6311	66.8	27252	70.3
* Vision	773	12.5	1194	12.5	1805	13.3	1235	13.1	5007	12.9
* Thinking/reasoning	2218	35.9	3238	34.0	4826	35.5	3221	34.1	13503	34.9
* Maintaining attention to classroom tasks	2461	39.8	3678	38.7	5313	39.1	3456	36.6	14908	38.5
* Expressive communication	2920	47.2	4868	51.2	8023	59.0	4634	49.0	20445	52.8
* Receptive communication	2983	48.2	4979	52.3	8120	59.7	4749	50.3	20831	53.8
* Social interaction/classroom behavior	1948	31.5	2903	30.5	4151	30.5	2803	29.7	11805	30.5
* Use of hands, arms, and legs	786	12.7	1155	12.1	1641	12.1	1119	11.8	4701	12.1
* Balance	655	10.6	867	9.1	1381	10.2	1005	10.6	3908	10.1
* Overall physical health	675	10.9	1075	11.3	1549	11.4	1096	11.6	4395	11.3

*Note: Percents are based on total known information. For example, 13,503 (34.9%) 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.**

**Percent may total more than 100.0 because of multiple responses.