

1999-2000 REGIONAL AND NATIONAL SUMMARY

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

	REGION								NATION	
	Northeast		Midwest		South		West			
AGE	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	137	1.9	269	2.6	348	2.2	421	4.0	1175	2.7
Total Known Information	7230	100.0	10248	100.0	15217	100.0	9991	100.0	42686	100.0
Under 3 years	105	1.5	155	1.5	647	4.3	150	1.5	1057	2.5
From 3 to 5 years	807	11.2	959	9.4	1652	10.9	772	7.7	4190	9.8
From 6 to 9 years	1655	22.9	2532	24.7	3489	22.9	2465	24.7	10141	23.8
From 10 to 13 years	2075	28.7	3151	30.7	4127	27.1	3026	30.3	12379	29.0
From 14 to 17 years	1816	25.1	2659	25.9	3897	25.6	2719	27.2	11091	26.0
18 years and older	772	10.7	792	7.7	1405	9.2	859	8.6	3828	9.0
SEX	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	31	.4	41	.4	52	.3	85	.8	209	.5
Total Known Information	7336	100.0	10476	100.0	15513	100.0	10327	100.0	43652	100.0
Male	3886	53.0	5689	54.3	8363	53.9	5591	54.1	23529	53.9
Female	3450	47.0	4787	45.7	7150	46.1	4736	45.9	20123	46.1
RACE/ETHNIC BACKGROUND	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	204	2.8	118	1.1	305	2.0	496	4.8	1123	2.6
Total Known Information	7163	100.0	10399	100.0	15260	100.0	9916	100.0	42738	100.0
White	4133	57.7	7444	71.6	7518	49.3	4289	43.3	23384	54.7
Black/African-American	1084	15.1	1227	11.8	4030	26.4	604	6.1	6945	16.3
Hispanic	1414	19.7	790	7.6	3007	19.7	3692	37.2	8903	20.8
American Indian	9	.1	71	.7	44	.3	246	2.5	370	.9
Asian/Pacific Islander	244	3.4	476	4.6	268	1.8	733	7.4	1721	4.0
Other	152	2.1	204	2.0	211	1.4	125	1.3	692	1.6
Multi-ethnic background indicated	127	1.8	187	1.8	182	1.2	227	2.3	723	1.7

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	REGION								NATION	
	Northeast		Midwest		South		West			
AGE AT ONSET OF HEARING LOSS	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	219	3.0	405	3.9	611	3.9	907	8.7	2142	4.9
Total Known Information	7148	100.0	10112	100.0	14954	100.0	9505	100.0	41719	100.0
At birth	3295	46.1	4152	41.1	6643	44.4	3934	41.4	18024	43.2
Under 3 years	1565	21.9	1656	16.4	3244	21.7	1487	15.6	7952	19.1
3 years or older	435	6.1	566	5.6	708	4.7	429	4.5	2138	5.1
Unknown	1853	25.9	3738	37.0	4359	29.1	3655	38.5	13605	32.6
ETIOLOGY	N	%*	N	%*	N	%*	N	%*	N	%*
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	358	4.9	601	5.7	943	6.1	1124	10.8	3026	6.9
Total Known Information	7009	100.0	9916	100.0	14622	100.0	9288	100.0	40835	100.0
Genetic/Hereditary	1596	22.8	2026	20.4	2736	18.7	1760	18.9	8118	19.9
Pregnancy Related										
Maternal rubella	130	1.9	56	.6	123	.8	89	1.0	398	1.0
Cytomegalovirus	135	1.9	167	1.7	329	2.3	128	1.4	759	1.9
Maternal drug/alcohol abuse	49	.7	49	.5	75	.5	62	.7	235	.6
Medications taken by mother	21	.3	14	.1	42	.3	21	.2	98	.2
Rh incompatibility	25	.4	34	.3	59	.4	30	.3	148	.4
Consequence of prematurity	319	4.6	437	4.4	812	5.6	372	4.0	1940	4.8
Trauma at birth	126	1.8	143	1.4	256	1.8	124	1.3	649	1.6
Other complications of pregnancy	292	4.2	380	3.8	621	4.2	357	3.8	1650	4.0
Post-Birth Disease/Injury										
Otitis media	359	5.1	782	7.9	641	4.4	505	5.4	2287	5.6
Meningitis	411	5.9	485	4.9	1030	7.0	477	5.1	2403	5.9
Other infections	151	2.2	184	1.9	317	2.2	182	2.0	834	2.0
Medications taken by child	87	1.2	157	1.6	197	1.3	114	1.2	555	1.4
Trauma after birth	63	.9	89	.9	143	1.0	98	1.1	393	1.0
Other post-birth cause	240	3.4	298	3.0	516	3.5	300	3.2	1354	3.3
Cause cannot be determined/DNA	3324	47.4	4986	50.3	7341	50.2	4995	53.8	20646	50.6

*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	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	460	6.2	808	7.7	1365	8.8	1726	16.6	4359	9.9
<i>Total Known Information, Either Parent</i>	<i>6907</i>	<i>100.0</i>	<i>9709</i>	<i>100.0</i>	<i>14200</i>	<i>100.0</i>	<i>8686</i>	<i>100.0</i>	<i>39502</i>	<i>100.0</i>
Mother: Hearing	6442	93.3	8997	92.7	13138	92.5	8138	93.7	36715	92.9
Hard of Hearing	114	1.7	285	2.9	360	2.5	212	2.4	971	2.5
Deaf	321	4.6	379	3.9	631	4.4	278	3.2	1609	4.1
Unknown	30	.4	48	.5	71	.5	58	.7	207	.5
Father: Hearing	6020	87.2	8329	85.8	12222	86.1	7622	87.8	34193	86.6
Hard of Hearing	141	2.0	252	2.6	243	1.7	154	1.8	790	2.0
Deaf	278	4.0	327	3.4	523	3.7	259	3.0	1387	3.5
Unknown	468	6.8	801	8.3	1212	8.5	651	7.5	3132	7.9
Both parents hearing	5877	85.1	8045	82.9	11832	83.3	7403	85.2	33157	83.9
Both parents deaf or hard of hearing	279	4.0	345	3.6	531	3.7	257	3.0	1412	3.6
One parent deaf/hh; other hearing	251	3.6	467	4.8	553	3.9	317	3.6	1588	4.0
One parent deaf/hh; other unknown	42	.6	85	.9	142	1.0	71	.8	340	.9
One parent hearing; other unknown	458	6.6	767	7.9	1142	8.0	638	7.3	3005	7.6
DEGREE OF HEARING LOSS	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	1050	14.3	1270	12.1	2153	13.8	1800	17.3	6273	14.3
Total Known Information	6317	100.0	9247	100.0	13412	100.0	8612	100.0	37588	100.0
Normal (<27 dB, ANSI)	794	12.6	1849	20.0	1367	10.2	1634	19.0	5644	15.0
Mild (27-40 dB, ANSI)	533	8.4	1286	13.9	1128	8.4	1097	12.7	4044	10.8
Moderate (41-55 dB, ANSI)	609	9.6	1341	14.5	1555	11.6	1128	13.1	4633	12.3
Moderate-Severe (56-70 dB, ANSI)	672	10.6	1110	12.0	1859	13.9	966	11.2	4607	12.3
Severe (71-90 dB, ANSI)	1133	17.9	1299	14.0	2489	18.6	1267	14.7	6188	16.5
Profound (91 dB & above, ANSI)	2576	40.8	2362	25.5	5014	37.4	2520	29.3	12472	33.2

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	Northeast		Midwest		South		West		N	%
COCHLEAR IMPLANT	N	%	N	%	N	%	N	%		
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	324	4.4	354	3.4	467	3.0	948	9.1	2093	4.8
Total Known Information	7043	100.0	10163	100.0	15098	100.0	9464	100.0	41768	100.0
Have not had a cochlear implant	6655	94.5	9524	93.7	14188	94.0	9202	97.2	39569	94.7
Have had a cochlear implant	388	5.5	639	6.3	910	6.0	262	2.8	2199	5.3
IMPLANT STILL USED?	388	100.0	639	100.0	910	100.0	262	100.0	2199	100.0
Information NOT reported	29	7.5	28	4.4	45	4.9	17	6.5	119	5.4
Total Known Information	359	100.0	611	100.0	865	100.0	245	100.0	2080	100.0
Implant still used	338	94.2	551	90.2	756	87.4	225	91.8	1870	89.9
Implant no longer used	21	5.8	60	9.8	109	12.6	20	8.2	210	10.1
HEARING AID USED FOR INSTRUCTION	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	412	5.6	495	4.7	718	4.6	1353	13.0	2978	6.8
Total Known Information	6955	100.0	10022	100.0	14847	100.0	9059	100.0	40883	100.0
Hearing aid used for instruction	4366	62.8	6087	60.7	9798	66.0	5460	60.3	25711	62.9
Hearing aid not used for instruction	2589	37.2	3935	39.3	5049	34.0	3599	39.7	15172	37.1

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	Northeast		Midwest		South		West		N	%
SPOKEN/WRITTEN LANGUAGES IN THE HOME	N	%	N	%	N	%	N	%		
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	651	8.8	709	6.7	1282	8.2	1358	13.0	4000	9.1
Total Known Information	6716	100.0	9808	100.0	14283	100.0	9054	100.0	39861	100.0
English	5203	77.5	8582	87.5	11818	82.7	5705	63.0	31308	78.5
Spanish	809	12.0	335	3.4	1164	8.1	1756	19.4	4064	10.2
Other	174	2.6	363	3.7	185	1.3	336	3.7	1058	2.7
Multiple languages	530	7.9	528	5.4	1116	7.8	1257	13.9	3431	8.6
SIGN USE IN THE HOME	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	425	5.8	410	3.9	891	5.7	1184	11.4	2910	6.6
Total Known Information	6942	100.0	10107	100.0	14674	100.0	9228	100.0	40951	100.0
Family members regularly sign	1853	26.7	2438	24.1	4124	28.1	2229	24.2	10644	26.0
Family members do not regularly sign	4885	70.4	7187	71.1	9634	65.7	6649	72.1	28355	69.2
Data not available	204	2.9	482	4.8	916	6.2	350	3.8	1952	4.8
PRIMARY METHOD OF TEACHING	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	83	1.1	96	.9	327	2.1	716	6.9	1222	2.8
Total Known Information	7284	100.0	10421	100.0	15238	100.0	9696	100.0	42639	100.0
Speech only	2773	38.1	5520	53.0	5680	37.3	4795	49.5	18768	44.0
Sign and speech	4010	55.1	4329	41.5	8530	56.0	4025	41.5	20894	49.0
Sign only	473	6.5	508	4.9	839	5.5	651	6.7	2471	5.8
Cued speech	3	.0	19	.2	100	.7	45	.5	167	.4
Other	25	.3	45	.4	89	.6	180	1.9	339	.8

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INSTRUCTIONAL SETTINGS	N	%*	N	%*	N	%*	N	%*	N	%*
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	324	4.4	348	3.3	673	4.3	722	6.9	2067	4.7
Total Known Information	7043	100.0	10169	100.0	14892	100.0	9690	100.0	41794	100.0
Special school or center	3502	49.7	1934	19.0	4300	28.9	2279	23.5	12015	28.7
Self-contained classroom	1128	16.0	3404	33.5	5254	35.3	2933	30.3	12719	30.4
Resource room	711	10.1	1524	15.0	1903	12.8	1127	11.6	5265	12.6
Regular education setting	2513	35.7	5365	52.8	6321	42.4	4531	46.8	18730	44.8
Home	135	1.9	157	1.5	529	3.6	162	1.7	983	2.4
Other	142	2.0	502	4.9	3140	21.1	644	6.6	4428	10.6
HOURS PER WEEK INTEGRATED WITH HEARING STUDENTS FOR ACADEMIC INSTRUCTION	N	%	N	%	N	%	N	%	N	%
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	530	7.2	578	5.5	1350	8.7	931	8.9	3389	7.7
Total Known Information	6837	100.0	9939	100.0	14215	100.0	9481	100.0	40472	100.0
None	3646	53.3	3043	30.6	5147	36.2	3341	35.2	15177	37.5
1 - 5 hrs per week	416	6.1	1085	10.9	1889	13.3	1047	11.0	4437	11.0
6 - 15 hrs per week	562	8.2	1108	11.1	1957	13.8	953	10.1	4580	11.3
16 - 25 hrs per week	546	8.0	1201	12.1	1491	10.5	969	10.2	4207	10.4
26 or more hrs per week	1667	24.4	3502	35.2	3731	26.2	3171	33.4	12071	29.8

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	REGION								NATION	
	Northeast		Midwest		South		West		N	%*
SUPPORT SERVICES RECEIVED	N	%*	N	%*	N	%*	N	%*		
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	773	10.5	872	8.3	1771	11.4	1914	18.4	5330	12.2
Total Known Information	6594	100.0	9645	100.0	13794	100.0	8498	100.0	38531	100.0
No support services	298	4.5	493	5.1	752	5.5	423	5.0	1966	5.1
Oral interpreter	54	.8	50	.5	109	.8	70	.8	283	.7
Sign interpreter	894	13.6	2023	21.0	3853	27.9	1764	20.8	8534	22.1
Cued speech transliterator	5	.1	17	.2	94	.7	42	.5	158	.4
Tutor	417	6.3	609	6.3	638	4.6	647	7.6	2311	6.0
Speech training	4648	70.5	5643	58.5	9763	70.8	4455	52.4	24509	63.6
Notetaker	343	5.2	439	4.6	742	5.4	467	5.5	1991	5.2
Real-time captioning	35	.5	76	.8	104	.8	140	1.6	355	.9
Counseling (individual/group)	698	10.6	643	6.7	1428	10.4	442	5.2	3211	8.3
Itinerant teacher/services	1678	25.4	3860	40.0	3716	26.9	3857	45.4	13111	34.0
Other	923	14.0	1548	16.0	1931	14.0	1138	13.4	5540	14.4
ADDITIONAL DISABILITIES									N	%*
Total Students										100.0
Information NOT reported										21.5
Total Known Information										100.0
No disability in addition to deafness										58.6
Legally blind										2.2
Learning disabled										12.8
Mentally retarded										11.3
Attention Deficit Disorder										7.0
Serious emotional disturbance										1.4
Cerebral palsy										4.0
Other conditions										10.5

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FUNCTIONAL ASSESSMENT	REGION								NATION	
	Northeast		Midwest		South		West		N	%**
	N	%	N	%	N	%	N	%		
Total Students	7367	100.0	10517	100.0	15565	100.0	10412	100.0	43861	100.0
Information NOT reported	664	9.0	1131	10.8	1967	12.6	1580	15.2	5342	12.2
Total Known Information	6703	100.0	9386	100.0	13598	100.0	8832	100.0	38519	100.0
No functional limitations	2509	37.4	2919	31.1	3761	27.7	3194	36.2	12383	32.1
1 or more functional limitation	4194	62.6	6467	68.9	9837	72.3	5638	63.8	26136	67.9
* Vision	767	11.4	1126	12.0	1846	13.6	1107	12.5	4846	12.6
* Thinking/reasoning	2322	34.6	3125	33.3	4681	34.4	2753	31.2	12881	33.4
* Maintaining attention	2550	38.0	3471	37.0	5069	37.3	2993	33.9	14083	36.6
* Expressive communication	2890	43.1	4644	49.5	7462	54.9	4038	45.7	19034	49.4
* Receptive communication	2972	44.3	4759	50.7	7582	55.8	4146	46.9	19459	50.5
* Social interaction/classroom behavior	1997	29.8	2730	29.1	3981	29.3	2345	26.6	11053	28.7
* Use of hands, arms, and legs	743	11.1	1040	11.1	1459	10.7	1021	11.6	4263	11.1
* Balance	659	9.8	784	8.4	1259	9.3	877	9.9	3579	9.3
* Overall physical health	673	10.0	955	10.2	1446	10.6	988	11.2	4062	10.5

*Note: Percents are based on total known information. For example, 12,881 (33.4%) 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.