

2004-2005 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	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	134	2.6	233	2.5	841	2.2
Total known information	4957	100.0	9075	100.0	36659	100.0
Under 3 years	214	4.3	288	3.2	1244	3.4
From 3 to 5 years	411	8.3	789	8.7	3419	9.3
From 6 to 9 years	1017	20.5	1907	21.0	7898	21.5
From 10 to 13 years	1528	30.8	2716	29.9	10348	28.2
From 14 to 17 years	1386	28.0	2587	28.5	10230	27.9
18 years and older	401	8.1	788	8.7	3520	9.6
SEX	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	13	0.3	38	0.4	148	0.4
Total known information	5078	100.0	9270	100.0	37352	100.0
Male	2691	53.0	4966	53.6	20253	54.2
Female	2387	47.0	4304	46.4	17099	45.8
RACE/ETHNIC BACKGROUND	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	55	1.1	131	1.4	583	1.6
Total known information	5036	100.0	9177	100.0	36917	100.0
White	1189	23.6	3523	38.4	18712	50.7
Black/African-American	401	8.0	529	5.8	5647	15.3
Hispanic/Latino	2752	54.6	3805	41.5	9226	25.0
American Indian/Alaska Native	15	0.3	211	2.3	307	0.8
Asian/Pacific Islander	426	8.5	652	7.1	1512	4.1
Other	114	2.3	167	1.8	708	1.9
Multi-ethnic background indicated	139	2.8	290	3.2	805	2.2

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AGE AT ONSET OF HEARING LOSS	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	202	4.0	439	4.7	1551	4.1
Total known information	4889	100.0	8869	100.0	35949	100.0
At Birth	2064	42.2	3767	42.5	15212	42.3
Under 3 years	718	14.7	1396	15.7	6930	19.3
3 years or older	201	4.1	437	4.9	1985	5.5
Unknown	1906	39.0	3269	36.9	11822	32.9

AGE AT ONSET OF HEARING LOSS	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	202	4.0	439	4.7	1551	4.1
Total known information	4889	100.0	8869	100.0	35949	100.0
At Birth	2064	42.2	3767	42.5	15212	42.3
Under One Year	256	5.2	482	5.4	2631	7.3
Unknown, but before age 2	322	6.6	656	7.4	2953	8.2
Unknown	1906	39.0	3269	36.9	11822	32.9
1 year of age	75	1.5	119	1.3	587	1.6
2 years of age	65	1.3	139	1.6	759	2.1
3 years of age	44	0.9	97	1.1	554	1.5
4 years of age	37	0.8	76	0.9	361	1.0
5 years of age	25	0.5	66	0.7	336	0.9
6 years of age	16	0.3	46	0.5	205	0.6
7 years of age	23	0.5	40	0.5	137	0.4
8+ years of age	56	1.1	112	1.3	392	1.1

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ETIOLOGY **	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	279	5.5	562	6.0	1778	4.7
Total Known Information	4812	100.0	8746	100.0	35722	100.0
Genetic/Hereditary/Familial	1082	22.5	2036	23.3	8107	22.7
Pregnancy Related						
Maternal rubella	40	0.8	59	0.7	232	0.6
Cytomegalovirus (CMV)	49	1.0	119	1.4	629	1.8
Maternal drug/alcohol abuse	38	0.8	66	0.8	256	0.7
Medications taken by mother	11	0.2	23	0.3	101	0.3
Rh incompatibility	8	0.2	16	0.2	78	0.2
Consequence of prematurity	125	2.6	259	3.0	1428	4.0
Trauma at birth	17	0.4	48	0.5	231	0.6
Other complications of pregnancy	192	4.0	337	3.9	1346	3.8
Post-Birth Disease/Injury						
Otitis media	150	3.1	357	4.1	1718	4.8
Meningitis	142	3.0	289	3.3	1291	3.6
Other infections	68	1.4	108	1.2	408	1.1
Medications taken by child	63	1.3	132	1.5	554	1.6
Trauma after birth	35	0.7	72	0.8	252	0.7
Other post-birth cause	146	3.0	300	3.4	1207	3.4
Cause cannot be determined/DNA	2794	58.1	4834	55.3	19193	53.7
+SPECIFIC GENETIC CAUSE OR SYNDROME						
Total students	1082	100.0	2036	100.0	8107	100.0
Information NOT reported	799	73.8	1412	69.4	4964	61.2
Total known information	283	100.0	624	100.0	3143	100.0
Waardenburg syndrome	34	12.0	45	7.2	152	4.8
Usher syndrome	8	2.8	19	3.0	91	2.9
Treacher syndrome	15	5.3	21	3.4	104	3.3
Down syndrome	29	10.2	78	12.5	275	8.7
CHARGE syndrome	20	7.1	38	6.1	176	5.6
Chromosome abnormality	5	1.8	18	2.9	69	2.2
Connexin-26 (GJB2)	8	2.8	13	2.1	57	1.8
Other	168	59.4	400	64.1	2237	71.2

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+ New question for the 2004-2005 survey year

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PARENTAL HEARING STATUS	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	475	9.3	874	9.4	2887	7.7
Total known info., Either Parent	4616	100.0	8434	100.0	34613	100.0
Mother's status: Hearing	4239	91.8	7777	92.2	31860	92.0
Hard of hearing	77	1.7	222	2.6	1027	3.0
Deaf	281	6.1	402	4.8	1601	4.6
Unknown	19	0.4	33	0.4	125	0.4
Father's status: Hearing	3987	86.4	7350	87.1	29851	86.2
Hard of hearing	48	1.0	137	1.6	706	2.0
Deaf	262	5.7	377	4.5	1410	4.1
Unknown	319	6.9	570	6.8	2646	7.6
Both parents hearing	3899	84.5	7127	84.5	28866	83.4
Both parents deaf or hard of hearing	260	5.6	377	4.5	1445	4.2
One parent deaf/hh; other hearing	119	2.6	327	3.9	1531	4.4
One parent deaf/hh; other unknown	29	0.6	57	0.7	323	0.9
One parent hearing; other unknown	309	6.7	546	6.5	2448	7.1
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	201	3.9	421	4.5	1617	4.3
Total known information	4890	100.0	8887	100.0	35883	100.0
Has deaf or hard of hearing siblings	711	14.5	1283	14.4	4923	13.7
Has no deaf or hard of hearing siblings	3664	74.9	6846	77.0	28059	78.2
Data Not Available	515	10.5	758	8.5	2901	8.1

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	991	19.5	1903	20.4	7708	20.6
Total known information	4100	100.0	7405	100.0	29792	100.0
Earphone (preferred measurement)	3493	85.2	6381	86.2	25499	85.6
Sound field	517	12.6	904	12.2	3965	13.3
+ABR	90	2.2	120	1.6	328	1.1
DEGREE OF HEARING LOSS						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	711	14.0	1245	13.4	5364	14.3
Total known information	4380	100.0	8063	100.0	32136	100.0
Normal (< 27 dB, ANSI)	807	18.4	1606	19.9	5493	17.1
Mild (27-40 dB, ANSI)	566	12.9	1083	13.4	3975	12.4
Moderate (41-55 dB, ANSI)	572	13.1	1118	13.9	4318	13.4
Mod-severe (56-70 dB, ANSI)	476	10.9	906	11.2	3908	12.2
Severe (71-90 dB, ANSI)	640	14.6	1108	13.7	4835	15.0
Profound (91 dB and above, ANSI)	1319	30.1	2242	27.8	9607	29.9
COCHLEAR IMPLANT						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	224	4.4	456	4.9	1428	3.8
Total known information	4867	100.0	8852	100.0	36072	100.0
Have not had a cochlear implant	4548	93.4	8210	92.7	32021	88.8
Have had a cochlear implant	319	6.6	642	7.3	4051	11.2
Implant Use						
Total students	319	100.0	642	100.0	4051	100.0
Information NOT reported	16	5.0	30	4.7	191	4.7
Total known information	303	100.0	612	100.0	3860	100.0
Implant still used	288	95.0	572	93.5	3544	91.8
Implant no longer used	15	5.0	40	6.5	316	8.2

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COCHLEAR IMPLANT USE IN CLASSROOM	California		West		Nation	
	N	%	N	%	N	%
Total students	319	100.0	642	100.0	4051	100.0
Information NOT reported	41	12.9	85	13.2	725	17.9
Total known information	278	100.0	557	100.0	3326	100.0
Implant used in classroom	259	93.2	511	91.7	3001	90.2
Implant not used in classroom	19	6.8	46	8.3	325	9.8
FUNCTIONAL HEARING ABILITY	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	226	4.4	476	5.1	1651	4.4
Total known information	4865	100.0	8832	100.0	35849	100.0
Functions normally	475	9.8	938	10.6	4102	11.4
Mildly limited	1808	37.2	3342	37.8	13068	36.5
Moderately limited	456	9.4	917	10.4	3794	10.6
Severely limited	1285	26.4	2267	25.7	10456	29.2
No functional hearing	841	17.3	1368	15.5	4429	12.4
HEARING AID USE FOR INSTRUCTION	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	96	1.9	271	2.9	1007	2.7
Total known information	4995	100.0	9037	100.0	36493	100.0
Hearing aid used for instruction	2800	56.1	5255	58.1	21604	59.2
Hearing aid not used for instruction	2195	43.9	3782	41.9	14889	40.8
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	191	3.8	406	4.4	1849	4.9
Total known information	4900	100.0	8902	100.0	35651	100.0
Group ALD used for instruction	1420	29.0	2835	31.8	14701	41.2
Group ALD not used for instruction	3480	71.0	6067	68.2	20950	58.8

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SPOKEN/WRITTEN LANGUAGES IN THE HOME	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	157	3.1	330	3.5	1115	3.0
Total known information	4934	100.0	8978	100.0	36385	100.0
English	2310	46.8	5391	60.0	27476	75.5
Spanish	1466	29.7	1932	21.5	4438	12.2
Other	208	4.2	293	3.3	914	2.5
Multiple languages	950	19.3	1362	15.2	3557	9.8
SIGN USE IN THE HOME						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	224	4.4	453	4.9	1540	4.1
Total known information	4867	100.0	8855	100.0	35960	100.0
Family members regularly sign	1160	23.8	2284	25.8	9626	26.8
Family members do not regularly sign	3442	70.7	6229	70.3	24906	69.3
Data not available	265	5.4	342	3.9	1428	4.0
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	51	1.0	141	1.5	421	1.1
Total known information	5040	100.0	9167	100.0	37079	100.0
Speech only	2487	49.3	4637	50.6	17738	47.8
Sign and speech	1477	29.3	2702	29.5	14639	39.5
Sign only	1036	20.6	1687	18.4	4149	11.2
Cued Speech	1	0.0	4	0.0	122	0.3
Other	39	0.8	137	1.5	431	1.2

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INSTRUCTIONAL SETTINGS **	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	45	0.9	94	1.0	556	1.5
Total known information	5046	100.0	9214	100.0	36944	100.0
Special school or center	1308	25.9	2495	27.1	10364	28.1
Self-contained clrm in req. ed. setting	1823	36.1	2761	30.0	11041	29.9
Resource room	443	8.8	1300	14.1	5199	14.1
Regular education setting	2006	39.8	4188	45.5	17346	47.0
Home	186	3.7	268	2.9	948	2.6
Other	246	4.9	410	4.4	2434	6.6
HRS/WK INTEGRATED W/HEARING STUDENTS						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	141	2.8	300	3.2	1071	2.9
Total known information	4950	100.0	9008	100.0	36429	100.0
None	1947	39.3	3289	36.5	13262	36.4
1 to 5 hours/week	637	12.9	988	11.0	3720	10.2
6 to 15 hours/week	531	10.7	1045	11.6	4199	11.5
16 to 25 hours/week	394	8.0	917	10.2	3768	10.3
26 or more hours/week	1441	29.1	2769	30.7	11480	31.5
+ABR Results						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	4806	94.4	8791	94.4	31062	82.8
Total known information	285	100.0	517	100.0	6438	100.0
ABR results are not available/reliable	190	66.7	398	77.0	4370	67.9
Response absent at 30 dB nHL	3	1.1	4	0.8	97	1.5
Response absent at 40 dB nHL	13	4.6	18	3.5	164	2.5
Response absent at 50 dB nHL	12	4.2	15	2.9	191	3.0
Response absent at 60 dB nHL	11	3.9	16	3.1	250	3.9
Response absent at 70-90 dB nHL	44	15.4	53	10.3	874	13.6
Response absent at 100+ dB nHL	12	4.2	13	2.5	492	7.6

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SUPPORT SERVICES RECEIVED **	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	87	1.7	206	2.2	723	1.9
Total known information	5004	100.0	9102	100.0	36777	100.0
No support services	520	10.4	794	8.7	2465	6.7
Sign interpreting	1074	21.5	1988	21.8	9200	25.0
Oral interpreting	47	0.9	98	1.1	455	1.2
Cued speech transliteration	0	0.0	3	0.0	135	0.4
Itinerant teacher services	2018	40.3	3731	41.0	13302	36.2
Tutoring	257	5.1	809	8.9	3301	9.0
Classroom inst. ass't/aide services	1175	23.5	2100	23.1	6893	18.7
+Adaptive PE	316	6.3	445	4.9	1151	3.1
Speech training/therapy	2390	47.8	4488	49.3	22172	60.3
Auditory training	1331	26.6	2207	24.2	9892	26.9
Counseling	435	8.7	860	9.4	4234	11.5
Occupational/Physical Therapy (OT/PT)	209	4.2	645	7.1	3397	9.2
Notetaking	164	3.3	322	3.5	1748	4.8
Real-time captioning	36	0.7	104	1.1	610	1.7
Other	554	11.1	1086	11.9	4589	12.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**	California		West		Nation	
	N	%	N	%	N	%
Total students	5091	100.0	9308	100.0	37500	100.0
Information NOT reported	436	8.6	751	8.1	2093	5.6
Total known information	4655	100.0	8557	100.0	35407	100.0
No condition in addition to deafness	2861	61.5	5020	58.7	20390	57.6
Low vision	183	3.9	346	4.0	1173	3.3
Legal blindness	52	1.1	98	1.1	470	1.3
+Developmental delay	96	2.1	170	2.0	624	1.8
+Autism	51	1.1	93	1.1	341	1.0
+Orthopedic impairment(includes CP)	186	4.0	364	4.3	1295	3.7
Learning disability (LD)	463	9.9	899	10.5	3265	9.2
Attention Deficit Disorder (ADD/ADHD)	189	4.1	392	4.6	2235	6.3
+Speech or language impairment	289	6.2	637	7.4	3362	9.5
+Traumatic brain injury	3	0.1	12	0.1	52	0.1
Mental retardation	356	7.6	726	8.5	2902	8.2
Emotional disturbance	38	0.8	126	1.5	675	1.9
+Other health impairment	93	2.0	181	2.1	703	2.0
Other conditions	347	7.5	618	7.2	2446	6.9

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