

2003-2004 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	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	68	1.3	176	1.8	748	1.9
Total known information	5108	100.0	9456	100.0	37996	100.0
Under 3 years	117	2.3	161	1.7	566	1.5
From 3 to 5 years	297	5.8	546	5.8	2490	6.6
From 6 to 9 years	910	17.8	1679	17.8	7283	19.2
From 10 to 13 years	1521	29.8	2753	29.1	10634	28.0
From 14 to 17 years	1477	28.9	2837	30.0	11036	29.0
18 years and older	786	15.4	1480	15.7	5987	15.8
SEX	California	West	Nation			
	N %	N %	N %			
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	12	0.2	62	0.6	239	0.6
Total known information	5164	100.0	9570	100.0	38505	100.0
Male	2781	53.9	5194	54.3	20935	54.4
Female	2383	46.1	4376	45.7	17570	45.6
RACE/ETHNIC BACKGROUND	California	West	Nation			
	N %	N %	N %			
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	55	1.1	157	1.6	595	1.5
Total known information	5121	100.0	9475	100.0	38149	100.0
White	1231	24.0	3719	39.3	19640	51.5
Black/African-American	433	8.5	587	6.2	5880	15.4
Hispanic/Latino	2757	53.8	3816	40.3	9226	24.2
American Indian/Alaska Native	13	0.3	235	2.5	329	0.9
Asian/Pacific Islander	444	8.7	686	7.2	1567	4.1
Other	103	2.0	155	1.6	688	1.8
Multi-ethnic background indicated	140	2.7	277	2.9	819	2.1

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AGE AT ONSET OF HEARING LOSS	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	210	4.1	467	4.8	1412	3.6
Total known information	4966	100.0	9165	100.0	37332	100.0
At birth	2025	40.8	3833	41.8	15644	41.9
Under 3 years	759	15.3	1500	16.4	7158	19.2
3 years or older	223	4.5	457	5.0	2120	5.7
Unknown	1959	39.4	3375	36.8	12410	33.2
ETIOLOGY **	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	268	5.2	549	5.7	1618	4.2
Total Known Information	4908	100.0	9083	100.0	37126	100.0
Genetic/Hereditary/Familial	1044	21.3	1986	21.9	8087	21.8
Pregnancy Related						
Maternal rubella	45	0.9	62	0.7	246	0.7
Cytomegalovirus (CMV)	49	1.0	121	1.3	629	1.7
Maternal drug/alcohol abuse	42	0.9	71	0.8	260	0.7
Medications taken by mother	12	0.2	25	0.3	109	0.3
Rh incompatibility	11	0.2	24	0.3	97	0.3
Consequence of prematurity	123	2.5	259	2.9	1523	4.1
Trauma at birth	21	0.4	63	0.7	296	0.8
Other complications of pregnancy	198	4.0	348	3.8	1418	3.8
Post-Birth Disease/Injury						
Otitis media	175	3.6	393	4.3	1851	5.0
Meningitis	161	3.3	348	3.8	1483	4.0
Other infections	81	1.7	132	1.5	478	1.3
Medications taken by child	67	1.4	137	1.5	577	1.6
Trauma after birth	32	0.7	77	0.8	276	0.7
Other post-birth cause	142	2.9	295	3.2	1265	3.4
Cause cannot be determined/DNA	2852	58.1	5067	55.8	19945	53.7

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PARENTAL HEARING STATUS	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	481	9.3	938	9.7	3033	7.8
Total known info., Either Parent	4695	100.0	8694	100.0	35711	100.0
Mother's status: Hearing	4331	92.2	8049	92.6	32944	92.3
Hard of hearing	75	1.6	205	2.4	1015	2.8
Deaf	267	5.7	400	4.6	1614	4.5
Unknown	22	0.5	40	0.5	138	0.4
Father's status: Hearing	4067	86.6	7592	87.3	30811	86.3
Hard of hearing	52	1.1	141	1.6	727	2.0
Deaf	250	5.3	369	4.2	1413	4.0
Unknown	326	6.9	592	6.8	2760	7.7
Both parents hearing	3970	84.6	7367	84.7	29811	83.5
Both parents deaf or hard of hearing	248	5.3	371	4.3	1447	4.1
One parent deaf/hh; other hearing	129	2.7	324	3.7	1555	4.4
One parent deaf/hh; other unknown	19	0.4	49	0.6	320	0.9
One parent hearing; other unknown	329	7.0	583	6.7	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	274	5.3	657	6.8	2217	5.7
Total known information	4902	100.0	8975	100.0	36527	100.0
Has deaf or hard of hearing siblings	673	13.7	1229	13.7	4859	13.3
Has no deaf or hard of hearing siblings	3699	75.5	6936	77.3	28662	78.5
Data Not Available	530	10.8	810	9.0	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	1046	20.2	2108	21.9	7982	20.6
Total known information	4130	100.0	7524	100.0	30762	100.0
Earphone (preferred measurement)	3701	89.6	6730	89.4	27211	88.5
Sound field	429	10.4	794	10.6	3551	11.5
DEGREE OF HEARING LOSS						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	585	11.3	1213	12.6	5146	13.3
Total known information	4591	100.0	8419	100.0	33598	100.0
Normal (< 27 dB, ANSI)	812	17.7	1567	18.6	5630	16.8
Mild (27-40 dB, ANSI)	559	12.2	1091	13.0	4134	12.3
Moderate (41-55 dB, ANSI)	581	12.7	1156	13.7	4439	13.2
Mod-severe (56-70 dB, ANSI)	493	10.7	974	11.6	4150	12.4
Severe (71-90 dB, ANSI)	706	15.4	1201	14.3	5109	15.2
Profound (91 dB and above, ANSI)	1440	31.4	2430	28.9	10136	30.2
COCHLEAR IMPLANT						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	277	5.4	558	5.8	1591	4.1
Total known information	4899	100.0	9074	100.0	37153	100.0
Have not had a cochlear implant	4622	94.3	8502	93.7	33578	90.4
Have had a cochlear implant	277	5.7	572	6.3	3575	9.6
Implant Use						
Total students	277	100.0	572	100.0	3575	100.0
Information NOT reported	16	5.8	33	5.8	160	4.5
Total known information	261	100.0	539	100.0	3415	100.0
Implant still used	246	94.3	503	93.3	3118	91.3
Implant no longer used	15	5.7	36	6.7	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	California		West		Nation	
	N	%	N	%	N	%
Total students	277	100.0	572	100.0	3575	100.0
Information NOT reported	90	32.5	227	39.7	1130	31.6
Total known information	187	100.0	345	100.0	2445	100.0
Implant used in classroom	175	93.6	319	92.5	2194	89.7
Implant not used in classroom	12	6.4	26	7.5	251	10.3
FUNCTIONAL HEARING ABILITY						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	190	3.7	436	4.5	1488	3.8
Total known information	4986	100.0	9196	100.0	37256	100.0
Functions normally	561	11.3	1135	12.3	4808	12.9
Mildly limited	1872	37.5	3601	39.2	14113	37.9
+ Moderately limited	223	4.5	465	5.1	1995	5.4
Severely limited	1436	28.8	2484	27.0	11523	30.9
No functional hearing	894	17.9	1511	16.4	4817	12.9
HEARING AID USE FOR INSTRUCTION						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	128	2.5	327	3.4	1128	2.9
Total known information	5048	100.0	9305	100.0	37616	100.0
Hearing aid used for instruction	2871	56.9	5486	59.0	22568	60.0
Hearing aid not used for instruction	2177	43.1	3819	41.0	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	282	5.4	679	7.0	2758	7.1
Total known information	4894	100.0	8953	100.0	35986	100.0
Group ALD used for instruction	1351	27.6	2739	30.6	14441	40.1
Group ALD not used for instruction	3543	72.4	6214	69.4	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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SPOKEN/WRITTEN LANGUAGES IN THE HOME	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	159	3.1	315	3.3	1098	2.8
Total known information	5017	100.0	9317	100.0	37646	100.0
English	2397	47.8	5759	61.8	28724	76.3
Spanish	1507	30.0	1942	20.8	4409	11.7
Other	223	4.4	325	3.5	980	2.6
Multiple languages	890	17.7	1291	13.9	3533	9.4
SIGN USE IN THE HOME						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	281	5.4	569	5.9	1902	4.9
Total known information	4895	100.0	9063	100.0	36842	100.0
Family members regularly sign	1190	24.3	2415	26.6	9921	26.9
Family members do not regularly sign	3396	69.4	6273	69.2	25415	69.0
Data not available	309	6.3	375	4.1	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	44	0.9	118	1.2	394	1.0
Total known information	5132	100.0	9514	100.0	38350	100.0
Speech only	2329	45.4	4659	49.0	18120	47.2
Sign and speech	1717	33.5	2919	30.7	15460	40.3
Sign only	1006	19.6	1743	18.3	4175	10.9
Cued Speech	1	0.0	5	0.1	117	0.3
Other	79	1.5	188	2.0	478	1.2

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INSTRUCTIONAL SETTINGS **	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	55	1.1	132	1.4	567	1.5
Total known information	5121	100.0	9500	100.0	38177	100.0
Special school or center	1314	25.7	2494	26.3	10354	27.1
Self-contained clrm in req. ed. setting	1871	36.5	2879	30.3	11854	31.1
Resource room	420	8.2	1271	13.4	5290	13.9
Regular education setting	2079	40.6	4265	44.9	17573	46.0
Home	160	3.1	245	2.6	1156	3.0
Other	180	3.5	388	4.1	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	110	2.1	237	2.5	903	2.3
Total known information	5066	100.0	9395	100.0	37841	100.0
None	2041	40.3	3479	37.0	13994	37.0
1 to 5 hours/week	747	14.7	1115	11.9	4000	10.6
6 to 15 hours/week	450	8.9	986	10.5	4226	11.2
16 to 25 hours/week	389	7.7	925	9.8	3847	10.2
26 or more hours/week	1439	28.4	2890	30.8	11774	31.1

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SUPPORT SERVICES RECEIVED **	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	110	2.1	262	2.7	817	2.1
Total known information	5066	100.0	9370	100.0	37927	100.0
No support services	431	8.5	688	7.3	2179	5.7
Oral interpreting	38	0.8	80	0.9	381	1.0
Sign interpreting	1138	22.5	1941	20.7	8749	23.1
Cued speech transliteration	1	0.0	9	0.1	126	0.3
Tutoring	222	4.4	700	7.5	2667	7.0
Speech training/therapy	2446	48.3	4742	50.6	22973	60.6
Notetaking	190	3.8	363	3.9	1636	4.3
Real-time captioning	47	0.9	111	1.2	411	1.1
Counseling	391	7.7	845	9.0	4229	11.2
Itinerant teacher services	1975	39.0	3791	40.5	13691	36.1
Classroom inst. ass't/aide services	1186	23.4	2005	21.4	6755	17.8
Auditory training	1461	28.8	2335	24.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	229	4.5	710	7.6	3350	8.8
Other	619	12.2	1307	13.9	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	557	10.8	965	10.0	2585	6.7
Total known information	4619	100.0	8667	100.0	36159	100.0
No condition in addition to deafness	3000	64.9	5392	62.2	21860	60.5
Low vision	170	3.7	317	3.7	1134	3.1
Legal blindness	48	1.0	112	1.3	517	1.4
Learning disability	475	10.3	980	11.3	3621	10.0
Mental retardation	399	8.6	817	9.4	3288	9.1
Attention Deficit Disorder	184	4.0	424	4.9	2388	6.6
Emotional disturbance	36	0.8	130	1.5	714	2.0
Cerebral palsy	160	3.5	313	3.6	1153	3.2
Other conditions	472	10.2	933	10.8	4818	13.3

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FUNCTIONAL ASSESSMENT **	California		West		Nation	
	N	%	N	%	N	%
Total students	5176	100.0	9632	100.0	38744	100.0
Information NOT reported	351	6.8	532	5.5	1791	4.6
Total known information	4825	100.0	9100	100.0	36953	100.0
No functional limitations	1801	37.3	3116	34.2	11268	30.5
1 or more functional limitation	3024	62.7	5984	65.8	25685	69.5
*Vision	550	11.4	1178	12.9	4623	12.5
*Thinking/reasoning	1479	30.7	3008	33.1	12788	34.6
*Maintaining attention to classroom tasks	1614	33.5	3360	36.9	14372	38.9
*Expressive communication	2236	46.3	4461	49.0	19456	52.7
*Receptive communication	2246	46.5	4471	49.1	19674	53.2
*Social interaction/classroom behavior	1232	25.5	2689	29.5	11385	30.8
*Use of hands, arms, and legs	520	10.8	1116	12.3	4587	12.4
*Balance	479	9.9	980	10.8	3836	10.4
*Overall physical health	487	10.1	1044	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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