

2003-2004 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	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	11	1.6	176	1.8	748	1.9
Total known information	673	100.0	9456	100.0	37996	100.0
Under 3 years	4	0.6	161	1.7	566	1.5
From 3 to 5 years	20	3.0	546	5.8	2490	6.6
From 6 to 9 years	114	16.9	1679	17.8	7283	19.2
From 10 to 13 years	185	27.5	2753	29.1	10634	28.0
From 14 to 17 years	226	33.6	2837	30.0	11036	29.0
18 years and older	124	18.4	1480	15.7	5987	15.8
SEX	Colorado	West	Nation			
	N %	N %	N %			
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	0	0.0	62	0.6	239	0.6
Total known information	684	100.0	9570	100.0	38505	100.0
Male	386	56.4	5194	54.3	20935	54.4
Female	298	43.6	4376	45.7	17570	45.6
RACE/ETHNIC BACKGROUND	Colorado	West	Nation			
	N %	N %	N %			
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	10	1.5	157	1.6	595	1.5
Total known information	674	100.0	9475	100.0	38149	100.0
White	462	68.5	3719	39.3	19640	51.5
Black/African-American	21	3.1	587	6.2	5880	15.4
Hispanic/Latino	153	22.7	3816	40.3	9226	24.2
American Indian/Alaska Native	3	0.4	235	2.5	329	0.9
Asian/Pacific Islander	21	3.1	686	7.2	1567	4.1
Other	5	0.7	155	1.6	688	1.8
Multi-ethnic background indicated	9	1.3	277	2.9	819	2.1

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Page 2 of 9

AGE AT ONSET OF HEARING LOSS	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	37	5.4	467	4.8	1412	3.6
Total known information	647	100.0	9165	100.0	37332	100.0
At birth	256	39.6	3833	41.8	15644	41.9
Under 3 years	105	16.2	1500	16.4	7158	19.2
3 years or older	61	9.4	457	5.0	2120	5.7
Unknown	225	34.8	3375	36.8	12410	33.2
ETIOLOGY **						
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	28	4.1	549	5.7	1618	4.2
Total Known Information	656	100.0	9083	100.0	37126	100.0
Genetic/Hereditary/Familial	187	28.5	1986	21.9	8087	21.8
Pregnancy Related						
Maternal rubella	5	0.8	62	0.7	246	0.7
Cytomegalovirus (CMV)	7	1.1	121	1.3	629	1.7
Maternal drug/alcohol abuse	2	0.3	71	0.8	260	0.7
Medications taken by mother	1	0.2	25	0.3	109	0.3
Rh incompatibility	3	0.5	24	0.3	97	0.3
Consequence of prematurity	12	1.8	259	2.9	1523	4.1
Trauma at birth	9	1.4	63	0.7	296	0.8
Other complications of pregnancy	26	4.0	348	3.8	1418	3.8
Post-Birth Disease/Injury						
Otitis media	33	5.0	393	4.3	1851	5.0
Meningitis	25	3.8	348	3.8	1483	4.0
Other infections	9	1.4	132	1.5	478	1.3
Medications taken by child	12	1.8	137	1.5	577	1.6
Trauma after birth	7	1.1	77	0.8	276	0.7
Other post-birth cause	23	3.5	295	3.2	1265	3.4
Cause cannot be determined/DNA	326	49.7	5067	55.8	19945	53.7

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Page 3 of 9

PARENTAL HEARING STATUS	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	43	6.3	938	9.7	3033	7.8
Total known info., Either Parent	641	100.0	8694	100.0	35711	100.0
Mother's status: Hearing	578	90.2	8049	92.6	32944	92.3
Hard of hearing	26	4.1	205	2.4	1015	2.8
Deaf	34	5.3	400	4.6	1614	4.5
Unknown	3	0.5	40	0.5	138	0.4
Father's status: Hearing	543	84.7	7592	87.3	30811	86.3
Hard of hearing	31	4.8	141	1.6	727	2.0
Deaf	30	4.7	369	4.2	1413	4.0
Unknown	37	5.8	592	6.8	2760	7.7
Both parents hearing	520	81.1	7367	84.7	29811	83.5
Both parents deaf or hard of hearing	32	5.0	371	4.3	1447	4.1
One parent deaf/hh; other hearing	49	7.6	324	3.7	1555	4.4
One parent deaf/hh; other unknown	8	1.2	49	0.6	320	0.9
One parent hearing; other unknown	32	5.0	583	6.7	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	33	4.8	657	6.8	2217	5.7
Total known information	651	100.0	8975	100.0	36527	100.0
Has deaf or hard of hearing siblings	106	16.3	1229	13.7	4859	13.3
Has no deaf or hard of hearing siblings	513	78.8	6936	77.3	28662	78.5
Data Not Available	32	4.9	810	9.0	3006	8.2

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Page 4 of 9

UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	154	22.5	2108	21.9	7982	20.6
Total known information	530	100.0	7524	100.0	30762	100.0
Earphone (preferred measurement)	461	87.0	6730	89.4	27211	88.5
Sound field	69	13.0	794	10.6	3551	11.5
DEGREE OF HEARING LOSS						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	93	13.6	1213	12.6	5146	13.3
Total known information	591	100.0	8419	100.0	33598	100.0
Normal (< 27 dB, ANSI)	153	25.9	1567	18.6	5630	16.8
Mild (27-40 dB, ANSI)	95	16.1	1091	13.0	4134	12.3
Moderate (41-55 dB, ANSI)	88	14.9	1156	13.7	4439	13.2
Mod-severe (56-70 dB, ANSI)	49	8.3	974	11.6	4150	12.4
Severe (71-90 dB, ANSI)	74	12.5	1201	14.3	5109	15.2
Profound (91 dB and above, ANSI)	132	22.3	2430	28.9	10136	30.2
COCHLEAR IMPLANT						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	31	4.5	558	5.8	1591	4.1
Total known information	653	100.0	9074	100.0	37153	100.0
Have not had a cochlear implant	613	93.9	8502	93.7	33578	90.4
Have had a cochlear implant	40	6.1	572	6.3	3575	9.6
Implant Use						
Total students	40	100.0	572	100.0	3575	100.0
Information NOT reported	1	2.5	33	5.8	160	4.5
Total known information	39	100.0	539	100.0	3415	100.0
Implant still used	36	92.3	503	93.3	3118	91.3
Implant no longer used	3	7.7	36	6.7	297	8.7

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Page 5 of 9

COCHLEAR IMPLANT USE IN CLASSROOM	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	40	100.0	572	100.0	3575	100.0
Information NOT reported	19	47.5	227	39.7	1130	31.6
Total known information	21	100.0	345	100.0	2445	100.0
Implant used in classroom	20	95.2	319	92.5	2194	89.7
Implant not used in classroom	1	4.8	26	7.5	251	10.3
FUNCTIONAL HEARING ABILITY						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	35	5.1	436	4.5	1488	3.8
Total known information	649	100.0	9196	100.0	37256	100.0
Functions normally	108	16.6	1135	12.3	4808	12.9
Mildly limited	289	44.5	3601	39.2	14113	37.9
+ Moderately limited	42	6.5	465	5.1	1995	5.4
Severely limited	130	20.0	2484	27.0	11523	30.9
No functional hearing	80	12.3	1511	16.4	4817	12.9
HEARING AID USE FOR INSTRUCTION						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	17	2.5	327	3.4	1128	2.9
Total known information	667	100.0	9305	100.0	37616	100.0
Hearing aid used for instruction	348	52.2	5486	59.0	22568	60.0
Hearing aid not used for instruction	319	47.8	3819	41.0	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	26	3.8	679	7.0	2758	7.1
Total known information	658	100.0	8953	100.0	35986	100.0
Group ALD used for instruction	212	32.2	2739	30.6	14441	40.1
Group ALD not used for instruction	446	67.8	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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Page 6 of 9

SPOKEN/WRITTEN LANGUAGES IN THE HOME	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	8	1.2	315	3.3	1098	2.8
Total known information	676	100.0	9317	100.0	37646	100.0
English	581	85.9	5759	61.8	28724	76.3
Spanish	42	6.2	1942	20.8	4409	11.7
Other	8	1.2	325	3.5	980	2.6
Multiple languages	45	6.7	1291	13.9	3533	9.4
SIGN USE IN THE HOME						
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	21	3.1	569	5.9	1902	4.9
Total known information	663	100.0	9063	100.0	36842	100.0
Family members regularly sign	182	27.5	2415	26.6	9921	26.9
Family members do not regularly sign	471	71.0	6273	69.2	25415	69.0
Data not available	10	1.5	375	4.1	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	1	0.1	118	1.2	394	1.0
Total known information	683	100.0	9514	100.0	38350	100.0
Speech only	391	57.2	4659	49.0	18120	47.2
Sign and speech	106	15.5	2919	30.7	15460	40.3
Sign only	179	26.2	1743	18.3	4175	10.9
Cued Speech	0	0.0	5	0.1	117	0.3
Other	7	1.0	188	2.0	478	1.2

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Page 7 of 9

INSTRUCTIONAL SETTINGS **	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	1	0.1	132	1.4	567	1.5
Total known information	683	100.0	9500	100.0	38177	100.0
Special school or center	275	40.3	2494	26.3	10354	27.1
Self-contained clrm in req. ed. setting	104	15.2	2879	30.3	11854	31.1
Resource room	107	15.7	1271	13.4	5290	13.9
Regular education setting	364	53.3	4265	44.9	17573	46.0
Home	2	0.3	245	2.6	1156	3.0
Other	14	2.0	388	4.1	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	11	1.6	237	2.5	903	2.3
Total known information	673	100.0	9395	100.0	37841	100.0
None	181	26.9	3479	37.0	13994	37.0
1 to 5 hours/week	52	7.7	1115	11.9	4000	10.6
6 to 15 hours/week	89	13.2	986	10.5	4226	11.2
16 to 25 hours/week	81	12.0	925	9.8	3847	10.2
26 or more hours/week	270	40.1	2890	30.8	11774	31.1

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Page 8 of 9

SUPPORT SERVICES RECEIVED **	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	11	1.6	262	2.7	817	2.1
Total known information	673	100.0	9370	100.0	37927	100.0
No support services	50	7.4	688	7.3	2179	5.7
Oral interpreting	9	1.3	80	0.9	381	1.0
Sign interpreting	108	16.0	1941	20.7	8749	23.1
Cued speech transliteration	0	0.0	9	0.1	126	0.3
Tutoring	141	21.0	700	7.5	2667	7.0
Speech training/therapy	331	49.2	4742	50.6	22973	60.6
Notetaking	33	4.9	363	3.9	1636	4.3
Real-time captioning	29	4.3	111	1.2	411	1.1
Counseling	145	21.5	845	9.0	4229	11.2
Itinerant teacher services	306	45.5	3791	40.5	13691	36.1
Classroom inst. ass't/aide services	167	24.8	2005	21.4	6755	17.8
Auditory training	99	14.7	2335	24.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	105	15.6	710	7.6	3350	8.8
Other	109	16.2	1307	13.9	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	43	6.3	965	10.0	2585	6.7
Total known information	641	100.0	8667	100.0	36159	100.0
No condition in addition to deafness	379	59.1	5392	62.2	21860	60.5
Low vision	21	3.3	317	3.7	1134	3.1
Legal blindness	9	1.4	112	1.3	517	1.4
Learning disability	85	13.3	980	11.3	3621	10.0
Mental retardation	65	10.1	817	9.4	3288	9.1
Attention Deficit Disorder	39	6.1	424	4.9	2388	6.6
Emotional disturbance	30	4.7	130	1.5	714	2.0
Cerebral palsy	29	4.5	313	3.6	1153	3.2
Other conditions	69	10.8	933	10.8	4818	13.3

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Page 9 of 9

FUNCTIONAL ASSESSMENT **	Colorado		West		Nation	
	N	%	N	%	N	%
Total students	684	100.0	9632	100.0	38744	100.0
Information NOT reported	15	2.2	532	5.5	1791	4.6
Total known information	669	100.0	9100	100.0	36953	100.0
No functional limitations	209	31.2	3116	34.2	11268	30.5
1 or more functional limitation	460	68.8	5984	65.8	25685	69.5
*Vision	121	18.1	1178	12.9	4623	12.5
*Thinking/reasoning	261	39.0	3008	33.1	12788	34.6
*Maintaining attention to classroom tasks	301	45.0	3360	36.9	14372	38.9
*Expressive communication	327	48.9	4461	49.0	19456	52.7
*Receptive communication	321	48.0	4471	49.1	19674	53.2
*Social interaction/classroom behavior	233	34.8	2689	29.5	11385	30.8
*Use of hands, arms, and legs	109	16.3	1116	12.3	4587	12.4
*Balance	76	11.4	980	10.8	3836	10.4
*Overall physical health	103	15.4	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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