

## 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	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	18	2.7	176	1.8	748	1.9
Total known information	647	100.0	9456	100.0	37996	100.0
Under 3 years	1	0.2	161	1.7	566	1.5
From 3 to 5 years	69	10.7	546	5.8	2490	6.6
From 6 to 9 years	133	20.6	1679	17.8	7283	19.2
From 10 to 13 years	159	24.6	2753	29.1	10634	28.0
From 14 to 17 years	206	31.8	2837	30.0	11036	29.0
18 years and older	79	12.2	1480	15.7	5987	15.8
<b>SEX</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	2	0.3	62	0.6	239	0.6
Total known information	663	100.0	9570	100.0	38505	100.0
Male	341	51.4	5194	54.3	20935	54.4
Female	322	48.6	4376	45.7	17570	45.6
<b>RACE/ETHNIC BACKGROUND</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	12	1.8	157	1.6	595	1.5
Total known information	653	100.0	9475	100.0	38149	100.0
White	489	74.9	3719	39.3	19640	51.5
Black/African-American	7	1.1	587	6.2	5880	15.4
Hispanic/Latino	102	15.6	3816	40.3	9226	24.2
American Indian/Alaska Native	32	4.9	235	2.5	329	0.9
Asian/Pacific Islander	15	2.3	686	7.2	1567	4.1
Other	3	0.5	155	1.6	688	1.8
Multi-ethnic background indicated	5	0.8	277	2.9	819	2.1

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AGE AT ONSET OF HEARING LOSS	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	86	12.9	467	4.8	1412	3.6
Total known information	579	100.0	9165	100.0	37332	100.0
At birth	310	53.5	3833	41.8	15644	41.9
Under 3 years	71	12.3	1500	16.4	7158	19.2
3 years or older	19	3.3	457	5.0	2120	5.7
Unknown	179	30.9	3375	36.8	12410	33.2
<b>ETIOLOGY **</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	87	13.1	549	5.7	1618	4.2
Total Known Information	578	100.0	9083	100.0	37126	100.0
Genetic/Hereditary/Familial	104	18.0	1986	21.9	8087	21.8
Pregnancy Related						
Maternal rubella	1	0.2	62	0.7	246	0.7
Cytomegalovirus (CMV)	14	2.4	121	1.3	629	1.7
Maternal drug/alcohol abuse	0	0.0	71	0.8	260	0.7
Medications taken by mother	4	0.7	25	0.3	109	0.3
Rh incompatibility	3	0.5	24	0.3	97	0.3
Consequence of prematurity	17	2.9	259	2.9	1523	4.1
Trauma at birth	12	2.1	63	0.7	296	0.8
Other complications of pregnancy	20	3.5	348	3.8	1418	3.8
Post-Birth Disease/Injury						
Otitis media	31	5.4	393	4.3	1851	5.0
Meningitis	25	4.3	348	3.8	1483	4.0
Other infections	4	0.7	132	1.5	478	1.3
Medications taken by child	15	2.6	137	1.5	577	1.6
Trauma after birth	5	0.9	77	0.8	276	0.7
Other post-birth cause	17	2.9	295	3.2	1265	3.4
Cause cannot be determined/DNA	323	55.9	5067	55.8	19945	53.7

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PARENTAL HEARING STATUS	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	98	14.7	938	9.7	3033	7.8
Total known info., Either Parent	567	100.0	8694	100.0	35711	100.0
Mother's status: Hearing	532	93.8	8049	92.6	32944	92.3
Hard of hearing	18	3.2	205	2.4	1015	2.8
Deaf	12	2.1	400	4.6	1614	4.5
Unknown	5	0.9	40	0.5	138	0.4
Father's status: Hearing	516	91.0	7592	87.3	30811	86.3
Hard of hearing	9	1.6	141	1.6	727	2.0
Deaf	11	1.9	369	4.2	1413	4.0
Unknown	31	5.5	592	6.8	2760	7.7
Both parents hearing	495	87.3	7367	84.7	29811	83.5
Both parents deaf or hard of hearing	11	1.9	371	4.3	1447	4.1
One parent deaf/hh; other hearing	25	4.4	324	3.7	1555	4.4
One parent deaf/hh; other unknown	3	0.5	49	0.6	320	0.9
One parent hearing; other unknown	33	5.8	583	6.7	2578	7.2
<b>HAS DEAF OR HARD OF HEARING SIBLINGS</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	135	20.3	657	6.8	2217	5.7
Total known information	530	100.0	8975	100.0	36527	100.0
Has deaf or hard of hearing siblings	89	16.8	1229	13.7	4859	13.3
Has no deaf or hard of hearing siblings	400	75.5	6936	77.3	28662	78.5
Data Not Available	41	7.7	810	9.0	3006	8.2

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UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	118	17.7	2108	21.9	7982	20.6
Total known information	547	100.0	7524	100.0	30762	100.0
Earphone (preferred measurement)	509	93.1	6730	89.4	27211	88.5
Sound field	38	6.9	794	10.6	3551	11.5
<b>DEGREE OF HEARING LOSS</b>						
	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	82	12.3	1213	12.6	5146	13.3
Total known information	583	100.0	8419	100.0	33598	100.0
Normal (< 27 dB, ANSI)	150	25.7	1567	18.6	5630	16.8
Mild (27-40 dB, ANSI)	72	12.3	1091	13.0	4134	12.3
Moderate (41-55 dB, ANSI)	77	13.2	1156	13.7	4439	13.2
Mod-severe (56-70 dB, ANSI)	69	11.8	974	11.6	4150	12.4
Severe (71-90 dB, ANSI)	69	11.8	1201	14.3	5109	15.2
Profound (91 dB and above, ANSI)	146	25.0	2430	28.9	10136	30.2
<b>COCHLEAR IMPLANT</b>						
	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	70	10.5	558	5.8	1591	4.1
Total known information	595	100.0	9074	100.0	37153	100.0
Have not had a cochlear implant	522	87.7	8502	93.7	33578	90.4
Have had a cochlear implant	73	12.3	572	6.3	3575	9.6
Implant Use						
Total students	73	100.0	572	100.0	3575	100.0
Information NOT reported	10	13.7	33	5.8	160	4.5
Total known information	63	100.0	539	100.0	3415	100.0
Implant still used	60	95.2	503	93.3	3118	91.3
Implant no longer used	3	4.8	36	6.7	297	8.7

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COCHLEAR IMPLANT USE IN CLASSROOM	Utah		West		Nation	
	N	%	N	%	N	%
Total students	73	100.0	572	100.0	3575	100.0
Information NOT reported	21	28.8	227	39.7	1130	31.6
Total known information	52	100.0	345	100.0	2445	100.0
Implant used in classroom	48	92.3	319	92.5	2194	89.7
Implant not used in classroom	4	7.7	26	7.5	251	10.3
<b>FUNCTIONAL HEARING ABILITY</b>						
	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	39	5.9	436	4.5	1488	3.8
Total known information	626	100.0	9196	100.0	37256	100.0
Functions normally	149	23.8	1135	12.3	4808	12.9
Mildly limited	242	38.7	3601	39.2	14113	37.9
+ Moderately limited	52	8.3	465	5.1	1995	5.4
Severely limited	116	18.5	2484	27.0	11523	30.9
No functional hearing	67	10.7	1511	16.4	4817	12.9
<b>HEARING AID USE FOR INSTRUCTION</b>						
	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	28	4.2	327	3.4	1128	2.9
Total known information	637	100.0	9305	100.0	37616	100.0
Hearing aid used for instruction	405	63.6	5486	59.0	22568	60.0
Hearing aid not used for instruction	232	36.4	3819	41.0	15048	40.0
<b>GROUP ASSISTIVE LISTENING DEVICE(ALD)USE</b>						
	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	99	14.9	679	7.0	2758	7.1
Total known information	566	100.0	8953	100.0	35986	100.0
Group ALD used for instruction	189	33.4	2739	30.6	14441	40.1
Group ALD not used for instruction	377	66.6	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	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	28	4.2	315	3.3	1098	2.8
Total known information	637	100.0	9317	100.0	37646	100.0
English	535	84.0	5759	61.8	28724	76.3
Spanish	53	8.3	1942	20.8	4409	11.7
Other	8	1.3	325	3.5	980	2.6
Multiple languages	41	6.4	1291	13.9	3533	9.4
SIGN USE IN THE HOME	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	55	8.3	569	5.9	1902	4.9
Total known information	610	100.0	9063	100.0	36842	100.0
Family members regularly sign	137	22.5	2415	26.6	9921	26.9
Family members do not regularly sign	453	74.3	6273	69.2	25415	69.0
Data not available	20	3.3	375	4.1	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	8	1.2	118	1.2	394	1.0
Total known information	657	100.0	9514	100.0	38350	100.0
Speech only	458	69.7	4659	49.0	18120	47.2
Sign and speech	146	22.2	2919	30.7	15460	40.3
Sign only	45	6.8	1743	18.3	4175	10.9
Cued Speech	2	0.3	5	0.1	117	0.3
Other	6	0.9	188	2.0	478	1.2

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INSTRUCTIONAL SETTINGS **	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	21	3.2	132	1.4	567	1.5
Total known information	644	100.0	9500	100.0	38177	100.0
Special school or center	70	10.9	2494	26.3	10354	27.1
Self-contained clrm in req. ed. setting	217	33.7	2879	30.3	11854	31.1
Resource room	109	16.9	1271	13.4	5290	13.9
Regular education setting	399	62.0	4265	44.9	17573	46.0
Home	7	1.1	245	2.6	1156	3.0
Other	45	7.0	388	4.1	1729	4.5
<b>HRS/WK INTEGRATED W/HEARING STUDENTS</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	36	5.4	237	2.5	903	2.3
Total known information	629	100.0	9395	100.0	37841	100.0
None	101	16.1	3479	37.0	13994	37.0
1 to 5 hours/week	71	11.3	1115	11.9	4000	10.6
6 to 15 hours/week	95	15.1	986	10.5	4226	11.2
16 to 25 hours/week	100	15.9	925	9.8	3847	10.2
26 or more hours/week	262	41.7	2890	30.8	11774	31.1

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SUPPORT SERVICES RECEIVED **	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	32	4.8	262	2.7	817	2.1
Total known information	633	100.0	9370	100.0	37927	100.0
No support services	30	4.7	688	7.3	2179	5.7
Oral interpreting	13	2.1	80	0.9	381	1.0
Sign interpreting	122	19.3	1941	20.7	8749	23.1
Cued speech transliteration	4	0.6	9	0.1	126	0.3
Tutoring	102	16.1	700	7.5	2667	7.0
Speech training/therapy	299	47.2	4742	50.6	22973	60.6
Notetaking	18	2.8	363	3.9	1636	4.3
Real-time captioning	4	0.6	111	1.2	411	1.1
Counseling	14	2.2	845	9.0	4229	11.2
Itinerant teacher services	246	38.9	3791	40.5	13691	36.1
Classroom inst. ass't/aide services	114	18.0	2005	21.4	6755	17.8
Auditory training	182	28.8	2335	24.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	50	7.9	710	7.6	3350	8.8
Other	161	25.4	1307	13.9	5129	13.5
<b>ADDIT. CONDITIONS OTHER THAN DEAFNESS**</b>						
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	106	15.9	965	10.0	2585	6.7
Total known information	559	100.0	8667	100.0	36159	100.0
No condition in addition to deafness	366	65.5	5392	62.2	21860	60.5
Low vision	36	6.4	317	3.7	1134	3.1
Legal blindness	10	1.8	112	1.3	517	1.4
Learning disability	72	12.9	980	11.3	3621	10.0
Mental retardation	36	6.4	817	9.4	3288	9.1
Attention Deficit Disorder	21	3.8	424	4.9	2388	6.6
Emotional disturbance	8	1.4	130	1.5	714	2.0
Cerebral palsy	17	3.0	313	3.6	1153	3.2
Other conditions	47	8.4	933	10.8	4818	13.3

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FUNCTIONAL ASSESSMENT **	Utah		West		Nation	
	N	%	N	%	N	%
Total students	665	100.0	9632	100.0	38744	100.0
Information NOT reported	46	6.9	532	5.5	1791	4.6
Total known information	619	100.0	9100	100.0	36953	100.0
No functional limitations	210	33.9	3116	34.2	11268	30.5
1 or more functional limitation	409	66.1	5984	65.8	25685	69.5
*Vision	84	13.6	1178	12.9	4623	12.5
*Thinking/reasoning	187	30.2	3008	33.1	12788	34.6
*Maintaining attention to classroom tasks	221	35.7	3360	36.9	14372	38.9
*Expressive communication	330	53.3	4461	49.0	19456	52.7
*Receptive communication	336	54.3	4471	49.1	19674	53.2
*Social interaction/classroom behavior	191	30.9	2689	29.5	11385	30.8
*Use of hands, arms, and legs	66	10.7	1116	12.3	4587	12.4
*Balance	67	10.8	980	10.8	3836	10.4
*Overall physical health	77	12.4	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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