

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	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	1	1.2	176	1.8	748	1.9
Total known information	81	100.0	9456	100.0	37996	100.0
Under 3 years	0	0.0	161	1.7	566	1.5
From 3 to 5 years	6	7.4	546	5.8	2490	6.6
From 6 to 9 years	13	16.0	1679	17.8	7283	19.2
From 10 to 13 years	25	30.9	2753	29.1	10634	28.0
From 14 to 17 years	26	32.1	2837	30.0	11036	29.0
18 years and older	11	13.6	1480	15.7	5987	15.8
SEX						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	0	0.0	62	0.6	239	0.6
Total known information	82	100.0	9570	100.0	38505	100.0
Male	46	56.1	5194	54.3	20935	54.4
Female	36	43.9	4376	45.7	17570	45.6
RACE/ETHNIC BACKGROUND						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	157	1.6	595	1.5
Total known information	66	100.0	9475	100.0	38149	100.0
White	8	12.1	3719	39.3	19640	51.5
Black/African-American	1	1.5	587	6.2	5880	15.4
Hispanic/Latino	4	6.1	3816	40.3	9226	24.2
American Indian/Alaska Native	1	1.5	235	2.5	329	0.9
Asian/Pacific Islander	49	74.2	686	7.2	1567	4.1
Other	3	4.5	155	1.6	688	1.8
Multi-ethnic background indicated	0	0.0	277	2.9	819	2.1

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 2 of 9

AGE AT ONSET OF HEARING LOSS	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	25	30.5	467	4.8	1412	3.6
Total known information	57	100.0	9165	100.0	37332	100.0
At birth	43	75.4	3833	41.8	15644	41.9
Under 3 years	8	14.0	1500	16.4	7158	19.2
3 years or older	0	0.0	457	5.0	2120	5.7
Unknown	6	10.5	3375	36.8	12410	33.2
ETIOLOGY **						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	36	43.9	549	5.7	1618	4.2
Total Known Information	46	100.0	9083	100.0	37126	100.0
Genetic/Hereditary/Familial	3	6.5	1986	21.9	8087	21.8
Pregnancy Related						
Maternal rubella	1	2.2	62	0.7	246	0.7
Cytomegalovirus (CMV)	3	6.5	121	1.3	629	1.7
Maternal drug/alcohol abuse	0	0.0	71	0.8	260	0.7
Medications taken by mother	0	0.0	25	0.3	109	0.3
Rh incompatibility	0	0.0	24	0.3	97	0.3
Consequence of prematurity	3	6.5	259	2.9	1523	4.1
Trauma at birth	0	0.0	63	0.7	296	0.8
Other complications of pregnancy	0	0.0	348	3.8	1418	3.8
Post-Birth Disease/Injury						
Otitis media	0	0.0	393	4.3	1851	5.0
Meningitis	2	4.3	348	3.8	1483	4.0
Other infections	0	0.0	132	1.5	478	1.3
Medications taken by child	0	0.0	137	1.5	577	1.6
Trauma after birth	0	0.0	77	0.8	276	0.7
Other post-birth cause	3	6.5	295	3.2	1265	3.4
Cause cannot be determined/DNA	31	67.4	5067	55.8	19945	53.7

** Percent may total more than 100.0 because multiple responses were allowed

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 3 of 9

PARENTAL HEARING STATUS	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	34	41.5	938	9.7	3033	7.8
Total known info., Either Parent	48	100.0	8694	100.0	35711	100.0
Mother's status: Hearing	48	100.0	8049	92.6	32944	92.3
Hard of hearing	0	0.0	205	2.4	1015	2.8
Deaf	0	0.0	400	4.6	1614	4.5
Unknown	0	0.0	40	0.5	138	0.4
Father's status: Hearing	46	95.8	7592	87.3	30811	86.3
Hard of hearing	0	0.0	141	1.6	727	2.0
Deaf	0	0.0	369	4.2	1413	4.0
Unknown	2	4.2	592	6.8	2760	7.7
Both parents hearing	46	95.8	7367	84.7	29811	83.5
Both parents deaf or hard of hearing	0	0.0	371	4.3	1447	4.1
One parent deaf/hh; other hearing	0	0.0	324	3.7	1555	4.4
One parent deaf/hh; other unknown	0	0.0	49	0.6	320	0.9
One parent hearing; other unknown	2	4.2	583	6.7	2578	7.2
HAS DEAF OR HARD OF HEARING SIBLINGS						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	33	40.2	657	6.8	2217	5.7
Total known information	49	100.0	8975	100.0	36527	100.0
Has deaf or hard of hearing siblings	5	10.2	1229	13.7	4859	13.3
Has no deaf or hard of hearing siblings	44	89.8	6936	77.3	28662	78.5
Data Not Available	0	0.0	810	9.0	3006	8.2

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 4 of 9

UNAIDED AUDIOMETRIC THRESHOLDS MEASUREMENT	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	36	43.9	2108	21.9	7982	20.6
Total known information	46	100.0	7524	100.0	30762	100.0
Earphone (preferred measurement)	41	89.1	6730	89.4	27211	88.5
Sound field	5	10.9	794	10.6	3551	11.5
DEGREE OF HEARING LOSS						
	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	37	45.1	1213	12.6	5146	13.3
Total known information	45	100.0	8419	100.0	33598	100.0
Normal (< 27 dB, ANSI)	1	2.2	1567	18.6	5630	16.8
Mild (27-40 dB, ANSI)	3	6.7	1091	13.0	4134	12.3
Moderate (41-55 dB, ANSI)	0	0.0	1156	13.7	4439	13.2
Mod-severe (56-70 dB, ANSI)	2	4.4	974	11.6	4150	12.4
Severe (71-90 dB, ANSI)	7	15.6	1201	14.3	5109	15.2
Profound (91 dB and above, ANSI)	32	71.1	2430	28.9	10136	30.2
COCHLEAR IMPLANT						
	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	32	39.0	558	5.8	1591	4.1
Total known information	50	100.0	9074	100.0	37153	100.0
Have not had a cochlear implant	50	100.0	8502	93.7	33578	90.4
Have had a cochlear implant	0	0.0	572	6.3	3575	9.6
Implant Use						
Total students	0	0.0	572	100.0	3575	100.0
Information NOT reported	0	0.0	33	5.8	160	4.5
Total known information	0	0.0	539	100.0	3415	100.0
Implant still used	0	0.0	503	93.3	3118	91.3
Implant no longer used	0	0.0	36	6.7	297	8.7

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 5 of 9

COCHLEAR IMPLANT USE IN CLASSROOM	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	0	0.0	572	100.0	3575	100.0
Information NOT reported	0	0.0	227	39.7	1130	31.6
Total known information	0	0.0	345	100.0	2445	100.0
Implant used in classroom	0	0.0	319	92.5	2194	89.7
Implant not used in classroom	0	0.0	26	7.5	251	10.3
FUNCTIONAL HEARING ABILITY	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	33	40.2	436	4.5	1488	3.8
Total known information	49	100.0	9196	100.0	37256	100.0
Functions normally	0	0.0	1135	12.3	4808	12.9
Mildly limited	1	2.0	3601	39.2	14113	37.9
+ Moderately limited	0	0.0	465	5.1	1995	5.4
Severely limited	20	40.8	2484	27.0	11523	30.9
No functional hearing	28	57.1	1511	16.4	4817	12.9
HEARING AID USE FOR INSTRUCTION	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	52	63.4	327	3.4	1128	2.9
Total known information	30	100.0	9305	100.0	37616	100.0
Hearing aid used for instruction	13	43.3	5486	59.0	22568	60.0
Hearing aid not used for instruction	17	56.7	3819	41.0	15048	40.0
GROUP ASSISTIVE LISTENING DEVICE(ALD)USE	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	679	7.0	2758	7.1
Total known information	66	100.0	8953	100.0	35986	100.0
Group ALD used for instruction	0	0.0	2739	30.6	14441	40.1
Group ALD not used for instruction	66	100.0	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.

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 6 of 9

SPOKEN/WRITTEN LANGUAGES IN THE HOME	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	33	40.2	315	3.3	1098	2.8
Total known information	49	100.0	9317	100.0	37646	100.0
English	34	69.4	5759	61.8	28724	76.3
Spanish	1	2.0	1942	20.8	4409	11.7
Other	13	26.5	325	3.5	980	2.6
Multiple languages	1	2.0	1291	13.9	3533	9.4
SIGN USE IN THE HOME						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	36	43.9	569	5.9	1902	4.9
Total known information	46	100.0	9063	100.0	36842	100.0
Family members regularly sign	31	67.4	2415	26.6	9921	26.9
Family members do not regularly sign	15	32.6	6273	69.2	25415	69.0
Data not available	0	0.0	375	4.1	1506	4.1
COMMUNICATION MODE PRIMARILY USED IN TEACHING						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	118	1.2	394	1.0
Total known information	66	100.0	9514	100.0	38350	100.0
Speech only	0	0.0	4659	49.0	18120	47.2
Sign and speech	0	0.0	2919	30.7	15460	40.3
Sign only	16	24.2	1743	18.3	4175	10.9
Cued Speech	0	0.0	5	0.1	117	0.3
Other	50	75.8	188	2.0	478	1.2

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

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

Page 7 of 9

INSTRUCTIONAL SETTINGS **	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	132	1.4	567	1.5
Total known information	66	100.0	9500	100.0	38177	100.0
Special school or center	66	100.0	2494	26.3	10354	27.1
Self-contained clrm in req. ed. setting	0	0.0	2879	30.3	11854	31.1
Resource room	0	0.0	1271	13.4	5290	13.9
Regular education setting	0	0.0	4265	44.9	17573	46.0
Home	0	0.0	245	2.6	1156	3.0
Other	0	0.0	388	4.1	1729	4.5
HRS/WK INTEGRATED W/HEARING STUDENTS						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	237	2.5	903	2.3
Total known information	66	100.0	9395	100.0	37841	100.0
None	66	100.0	3479	37.0	13994	37.0
1 to 5 hours/week	0	0.0	1115	11.9	4000	10.6
6 to 15 hours/week	0	0.0	986	10.5	4226	11.2
16 to 25 hours/week	0	0.0	925	9.8	3847	10.2
26 or more hours/week	0	0.0	2890	30.8	11774	31.1

** Percent may total more than 100.0 because multiple responses were allowed

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 8 of 9

SUPPORT SERVICES RECEIVED **	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	16	19.5	262	2.7	817	2.1
Total known information	66	100.0	9370	100.0	37927	100.0
No support services	0	0.0	688	7.3	2179	5.7
Oral interpreting	0	0.0	80	0.9	381	1.0
Sign interpreting	0	0.0	1941	20.7	8749	23.1
Cued speech transliteration	0	0.0	9	0.1	126	0.3
Tutoring	0	0.0	700	7.5	2667	7.0
Speech training/therapy	43	65.2	4742	50.6	22973	60.6
Notetaking	0	0.0	363	3.9	1636	4.3
Real-time captioning	0	0.0	111	1.2	411	1.1
Counseling	43	65.2	845	9.0	4229	11.2
Itinerant teacher services	0	0.0	3791	40.5	13691	36.1
Classroom inst. ass't/aide services	0	0.0	2005	21.4	6755	17.8
Auditory training	50	75.8	2335	24.9	9991	26.3
Occupational/Physical Therapy (OT/PT)	0	0.0	710	7.6	3350	8.8
Other	0	0.0	1307	13.9	5129	13.5
ADDIT. CONDITIONS OTHER THAN DEAFNESS**						
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	33	40.2	965	10.0	2585	6.7
Total known information	49	100.0	8667	100.0	36159	100.0
No condition in addition to deafness	36	73.5	5392	62.2	21860	60.5
Low vision	1	2.0	317	3.7	1134	3.1
Legal blindness	0	0.0	112	1.3	517	1.4
Learning disability	1	2.0	980	11.3	3621	10.0
Mental retardation	6	12.2	817	9.4	3288	9.1
Attention Deficit Disorder	0	0.0	424	4.9	2388	6.6
Emotional disturbance	1	2.0	130	1.5	714	2.0
Cerebral palsy	2	4.1	313	3.6	1153	3.2
Other conditions	2	4.1	933	10.8	4818	13.3

** Percent may total more than 100.0 because multiple responses were allowed

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.

2003-2004 STATE SUMMARY

Gallaudet Research Institute * 800 Florida Avenue, NE * Washington, DC 20002

202-651-5575 * 1-800-451-8834 ext 5575

Page 9 of 9

FUNCTIONAL ASSESSMENT **	Hawaii		West		Nation	
	N	%	N	%	N	%
Total students	82	100.0	9632	100.0	38744	100.0
Information NOT reported	38	46.3	532	5.5	1791	4.6
Total known information	44	100.0	9100	100.0	36953	100.0
No functional limitations	20	45.5	3116	34.2	11268	30.5
1 or more functional limitation	24	54.5	5984	65.8	25685	69.5
*Vision	5	11.4	1178	12.9	4623	12.5
*Thinking/reasoning	20	45.5	3008	33.1	12788	34.6
*Maintaining attention to classroom tasks	9	20.5	3360	36.9	14372	38.9
*Expressive communication	8	18.2	4461	49.0	19456	52.7
*Receptive communication	8	18.2	4471	49.1	19674	53.2
*Social interaction/classroom behavior	14	31.8	2689	29.5	11385	30.8
*Use of hands, arms, and legs	4	9.1	1116	12.3	4587	12.4
*Balance	1	2.3	980	10.8	3836	10.4
*Overall physical health	2	4.5	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.

Data from this report should be cited/referenced as:

Gallaudet Research Institute (January 2005).

State Summary Report of Data from the 2003-2004 Annual Survey of Deaf and Hard of Hearing Children and Youth.

Washington, DC: GRI, Gallaudet University.