

2006-2007 STATE SUMMARY

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

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

Page 1 of 10

AGE	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	14	2.6	126	2.2	718	1.9
Total known information	524	100.0	5475	100.0	36634	100.0
Under 3 years	1	0.2	123	2.2	1330	3.6
From 3 to 5 years	60	11.5	513	9.4	3448	9.4
From 6 to 9 years	127	24.2	1179	21.5	7825	21.4
From 10 to 13 years	156	29.8	1591	29.1	10198	27.8
From 14 to 17 years	135	25.8	1480	27.0	10121	27.6
18 years and older	45	8.6	589	10.8	3712	10.1
SEX	Massachusetts	N	%	Northeast	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	1	0.2	34	0.6	192	0.5
Total known information	537	100.0	5567	100.0	37160	100.0
Male	283	52.7	3024	54.3	20107	54.1
Female	254	47.3	2543	45.7	17053	45.9
RACE/ETHNIC BACKGROUND	Massachusetts	N	%	Northeast	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	6	1.1	143	2.6	571	1.5
Total known information	532	100.0	5458	100.0	36781	100.0
White	274	51.5	3195	58.5	17430	47.4
Black/African-American	71	13.3	812	14.9	5566	15.1
Hispanic/Latino	110	20.7	993	18.2	10397	28.3
American Indian or Alaska Native	2	0.4	8	0.1	272	0.7
Asian or Pacific Islander	32	6.0	212	3.9	1542	4.2
Other	24	4.5	133	2.4	695	1.9
Multi-ethnic background indicated	19	3.6	105	1.9	879	2.4

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Page 2 of 10

NO CHILD LEFT BEHIND ENGLISH LANGUAGE LEARNER (ELL)?	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	272	50.6	2695	48.1	12710	34.0
Total known information	266	100.0	2906	100.0	24642	100.0
Yes	17	6.4	650	22.4	5986	24.3
No	249	93.6	2256	77.6	18656	75.7
NO CHILD LEFT BEHIND ECONOMICALLY DISADVANTAGED?	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	248	46.1	2637	47.1	14481	38.8
Total known information	290	100.0	2964	100.0	22871	100.0
Yes	56	19.3	797	26.9	8516	37.2
No	234	80.7	2167	73.1	14355	62.8
AGE AT ONSET OF HEARING LOSS	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	23	4.3	244	4.4	1264	3.4
Total known information	515	100.0	5357	100.0	36088	100.0
At birth	263	51.1	2147	40.1	14745	40.9
+Under two years of age	104	20.2	1183	22.1	5589	15.5
+Two years of age or over	43	8.3	506	9.4	2688	7.4
Unknown	105	20.4	1521	28.4	13066	36.2
ETIOLOGY **	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	31	5.8	311	5.6	2028	5.4
Total Known Information	507	100.0	5290	100.0	35324	100.0
Genetic/Hereditary/Familial	151	29.8	1379	26.1	8233	23.3
+Pregnancy Related	62	12.2	546	10.3	3424	9.7
+Post-Birth Disease or Injury	47	9.3	689	13.0	4116	11.7
Cause cannot be determined/DNA***	257	50.7	2779	52.5	20147	57.0

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*** DNA - Data not available

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Page 3 of 10

PARENT HEARING STATUS	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	45	8.4	418	7.5	3201	8.6
Total known info., Either Parent	493	100.0	5183	100.0	34151	100.0
Mother's status: Hearing	435	88.2	4806	92.7	31574	92.5
Hard of hearing	7	1.4	130	2.5	960	2.8
Deaf	48	9.7	235	4.5	1463	4.3
Data Not Available	3	0.6	12	0.2	154	0.5
Father's status: Hearing	377	76.5	4483	86.5	29460	86.3
Hard of hearing	8	1.6	131	2.5	699	2.0
Deaf	42	8.5	209	4.0	1276	3.7
Data Not Available	66	13.4	360	6.9	2716	8.0
Both parents hearing	365	74.0	4354	84.0	28498	83.4
Both parents deaf or hard of hearing	41	8.3	214	4.1	1284	3.8
One parent deaf/hh; other hearing	18	3.7	243	4.7	1499	4.4
One parent deaf/hh; other unknown	5	1.0	34	0.7	331	1.0
One parent hearing; other unknown	64	13.0	338	6.5	2539	7.4
HAS DEAF OR HARD OF HEARING SIBLINGS						
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	12	2.2	253	4.5	1197	3.2
Total known information	526	100.0	5348	100.0	36155	100.0
Has deaf or hard of hearing siblings	83	15.8	797	14.9	4819	13.3
Has no deaf or hard of hearing siblings	382	72.6	4088	76.4	27999	77.4
Data not available	61	11.6	463	8.7	3337	9.2

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Page 4 of 10

UNAIDED AUDIOMETRIC THRESHOLD	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	121	22.5	1167	20.8	8113	21.7
Total known information	417	100.0	4434	100.0	29239	100.0
Earphone (preferred measurement)	392	94.0	3914	88.3	24343	83.3
Sound field	19	4.6	452	10.2	4272	14.6
DEGREE OF HEARING LOSS	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	119	22.1	833	14.9	5753	15.4
Total known information	419	100.0	4768	100.0	31599	100.0
Normal (< 27 dB, ANSI)	35	8.4	890	18.7	5972	18.9
Mild (27-40 dB, ANSI)	27	6.4	560	11.7	4186	13.2
Moderate (41-55 dB, ANSI)	37	8.8	556	11.7	4364	13.8
Mod-severe (56-70 dB, ANSI)	57	13.6	516	10.8	3830	12.1
Severe (71-90 dB, ANSI)	89	21.2	694	14.6	4411	14.0
Profound (91 dB and above, ANSI)	174	41.5	1552	32.6	8836	28.0

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COCHLEAR IMPLANT	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	16	3.0	124	2.2	730	2.0
Total known information	522	100.0	5477	100.0	36622	100.0
Have not had a cochlear implant	430	82.4	4643	84.8	31895	87.1
Have had a cochlear implant	92	17.6	826	15.1	4609	12.6
Implant Use						
Total students	92	100.0	826	100.0	4609	100.0
Information NOT reported	8	8.7	34	4.1	184	4.0
Total known information	84	100.0	792	100.0	4425	100.0
Implant still used	78	92.9	751	94.8	4092	92.5
Implant no longer used	6	7.1	41	5.2	333	7.5
COCHLEAR IMPLANT USE IN THE CLASSROOM						
Total students	92	100.0	826	100.0	4609	100.0
Information NOT reported	5	5.4	46	5.6	304	6.6
Total known information	87	100.0	780	100.0	4305	100.0
Implant used in the classroom	82	94.3	750	96.2	3971	92.2
Implant not used in the classroom	5	5.7	30	3.8	334	7.8

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HEARING AID USED FOR INSTRUCTION?	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	26	4.8	223	4.0	1870	5.0
Total known information	512	100.0	5378	100.0	35482	100.0
Hearing aid used for instruction	266	52.0	3240	60.2	20824	58.7
Hearing aid not used for instruction	246	48.0	2138	39.8	14658	41.3
GROUP ASSISTIVE LISTENING DEVICE (ALD) USED FOR INSTRUCTION?	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	34	6.3	353	6.3	2278	6.1
Total known information	504	100.0	5248	100.0	35074	100.0
Group ALD used for instruction	224	44.4	2977	56.7	15378	43.8
Group ALD not used for instruction	280	55.6	2271	43.3	19696	56.2

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

Page 7 of 10

INSTRUCTIONAL SETTINGS **	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	0	0.0	33	0.6	354	0.9
Total known information	538	100.0	5568	100.0	36998	100.0
Special or center school	412	76.6	2376	42.7	9632	26.0
Reg. school setting w/hearing students	104	19.3	2405	43.2	15692	42.4
Self-contained clrm in reg. ed. setting	57	10.6	854	15.3	7537	20.4
Resource room	8	1.5	496	8.9	4477	12.1
Home	2	0.4	159	2.9	895	2.4
Other	4	0.7	130	2.3	1100	3.0
SERVICES RECEIVED **						
IN SUPPORT OF INSTRUCTION						
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	1	0.2	73	1.3	625	1.7
Total known information	537	100.0	5528	100.0	36727	100.0
No support services	12	2.2	344	6.2	2989	8.1
Sign interpreting	130	24.2	741	13.4	8640	23.5
Oral interpreting	10	1.9	61	1.1	311	0.8
Cued speech transliteration	0	0.0	9	0.2	110	0.3
Itinerant teacher services	23	4.3	1864	33.7	14235	38.8
Tutoring	23	4.3	293	5.3	3520	9.6
Classroom inst. ass't/aide services	134	25.0	1259	22.8	7436	20.2
Adaptive PE	18	3.4	204	3.7	1707	4.6
#Vision services/Orientation & Mobility	6	1.1	46	0.8	477	1.3
Speech training/therapy	330	61.5	3658	66.2	21102	57.5
Auditory training	222	41.3	1343	24.3	8484	23.1
Counseling	149	27.7	810	14.7	3690	10.0
Occupational/Physical Therapy (OT/PT)	90	16.8	796	14.4	3577	9.7
Notetaking	17	3.2	200	3.6	1644	4.5
Real-time captioning/C-Print	1	0.2	36	0.7	314	0.9
Other	59	11.0	406	7.3	4690	12.8

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New response(s) for the 2006-2007 survey year

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Page 8 of 10

HRS/WK INTEGRATED WITH NON-DISABLED HEARING STUDENTS	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	12	2.2	109	1.9	952	2.5
Total known information	526	100.0	5492	100.0	36400	100.0
None	397	75.5	2587	47.1	12799	35.2
1 to 5 hours/week	28	5.3	287	5.2	3573	9.8
6 to 15 hours/week	25	4.8	429	7.8	4043	11.1
16 to 25 hours/week	11	2.1	432	7.9	3849	10.6
26 or more hours/week	65	12.4	1757	32.0	12136	33.3
GRADE IN WHICH STUDENT IS ENROLLED	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	229	42.6	2164	38.6	9606	25.7
Total Known Information	309	100.0	3437	100.0	27746	100.0
Early Childhood Intervention	8	2.6	164	4.8	1709	6.2
Pre-kindergarten	36	11.7	269	7.8	1830	6.6
Kindergarten	30	9.7	242	7.0	1577	5.7
1st Grade	27	8.7	229	6.7	1691	6.1
2nd Grade	15	4.9	190	5.5	1658	6.0
3rd Grade	27	8.7	207	6.0	1748	6.3
4th Grade	22	7.1	224	6.5	1790	6.5
5th Grade	31	10.0	240	7.0	1963	7.1
6th Grade	17	5.5	246	7.2	2119	7.6
7th Grade	28	9.1	241	7.0	1970	7.1
8th Grade	12	3.9	212	6.2	1960	7.1
9th Grade	17	5.5	256	7.4	2008	7.2
10th Grade	8	2.6	218	6.3	1937	7.0
11th Grade	23	7.4	270	7.9	1827	6.6
12th Grade	7	2.3	207	6.0	1812	6.5

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Page 9 of 10

COMMUNICATION MODE PRIMARILY USED TO TEACH	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	2	0.4	50	0.9	411	1.1
Total known information	536	100.0	5551	100.0	36941	100.0
Speech only	166	31.0	2774	50.0	19061	51.6
Sign with speech	140	26.1	2124	38.3	13120	35.5
Sign only	229	42.7	576	10.4	4136	11.2
Cued Speech	0	0.0	6	0.1	92	0.2
Other	1	0.2	71	1.3	532	1.4
SIGN USE IN THE HOME						
	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	32	5.9	225	4.0	1435	3.8
Total known information	506	100.0	5376	100.0	35917	100.0
Family members regularly sign	205	40.5	1319	24.5	8733	24.3
Family members do not regularly sign	258	51.0	3822	71.1	25494	71.0
Data not available	43	8.5	235	4.4	1690	4.7
LANGUAGE(S)USED IN THE HOME **						
	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	11	2.0	100	1.8	754	2.0
Total known information	527	100.0	5501	100.0	36598	100.0
English	410	77.8	4703	85.5	30453	83.2
Spanish	84	15.9	812	14.8	7819	21.4
#Chinese	6	1.1	22	0.4	83	0.2
#Vietnamese	5	0.9	12	0.2	105	0.3
#Korean	0	0.0	9	0.2	53	0.1
#Filipino/Tagalog	0	0.0	8	0.1	120	0.3
#Arabic	2	0.4	27	0.5	151	0.4
#Russian	1	0.2	25	0.5	62	0.2
#Hmong/Miao	0	0.0	0	0.0	144	0.4
#ASL	21	4.0	103	1.9	658	1.8
Other	47	8.9	256	4.7	1182	3.2
Data not available	17	3.2	44	0.8	211	0.6

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Page 10 of 10

ADDIT. EDUC. RELEVANT CONDITIONS **	Massachusetts		Northeast		Nation	
	N	%	N	%	N	%
Total students	538	100.0	5601	100.0	37352	100.0
Information NOT reported	11	2.0	235	4.2	1646	4.4
Total known information	527	100.0	5366	100.0	35706	100.0
No condition in addition to deafness	261	49.5	2962	55.2	17340	48.6
Visual impairment	21	4.0	194	3.6	1281	3.6
Deaf-blindness	5	0.9	61	1.1	513	1.4
Developmental delay	50	9.5	318	5.9	1368	3.8
Specific learning disability	65	12.3	555	10.3	2868	8.0
Orthopedic impairment (includes CP)	29	5.5	221	4.1	1439	4.0
Attention Deficit Disorder (ADD/ADHD)	45	8.5	349	6.5	1836	5.1
Speech or language impairment	33	6.3	626	11.7	8893	24.9
Traumatic brain injury	1	0.2	14	0.3	107	0.3
Mental retardation	22	4.2	365	6.8	2849	8.0
Emotional disturbance	36	6.8	135	2.5	638	1.8
Autism	14	2.7	73	1.4	469	1.3
Other health impairments	32	6.1	133	2.5	1277	3.6

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