
Addendum to *Data on Iowa Students Who Are Deaf or Hard of Hearing*



FFY 2006 (2006 – 2007)

November 2008

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Notice of Addendum

At the September 29, 2008 Hearing Coordinating Council meeting, several questions were asked about additional data analyses. The addendum provides tables to address the additional questions.

The description of data sources used and other data analyses are found in the original report, *Data on Iowa Students Who Are Deaf or Hard of Hearing*, (FFY 2006 [2006-2007]), September 2008.

Addendum to Section I. Who are the Students?

The original table on Page 9 had errors. The corrected table is included in the addendum and the corrected table is now page 9 of the version posted on the DE website as of November 2008.

Percent of DHH Population in the Area Education Agencies (AEAs) [revised 11/2008]

Data Highlights:

- The percent of DHH students to the students with disabilities ranged from 2.34% to 5.74%
- The percent of DHH students to the total AEA enrollment ranged from 0.31% to 0.90%

Percent of DHH Population by AEAs					
	Total Enrollment	SWD*	DHH Students	Percent of SWD	Percent of Total Enrollment
Keystone 1	36,382	5,031	212	4.21%	0.58%
AEA 7	68,592	10,866	624	5.74%	0.90%
Prairie Lakes 8	34,598	4,686	110	2.34%	0.31%
Mississippi Bend 9	51,911	7,002	374	5.34%	0.72%
Grant Wood 10	70,580	10,221	439	4.29%	0.62%
Heartland 11	128,802	17,750	690	3.88%	0.53%
Northwest AEA	44,341	5,739	287	5.00%	0.64%
Loess Hills 13	31,345	4,740	249	5.25%	0.79%
Green Valley 14	10,495	1,884	56	2.97%	0.53%
Great Prairie 15	39,816	6,407	179	2.79%	0.44%
Total	516,862	74,326	3220	4.18%	0.60%

* Students with Disabilities

Source: The Annual Condition of Education Report 2007
Certified Annual Report, 2006-07

Note: DHH Students are included by Resident District, not by Attending District. Students enrolled at the Iowa School for the Deaf are included in the count of their Resident District.

The question was raised of, “how many children were identified as being profoundly deaf in both ears?” The **bolded row** is the number of students (by grade span) with profound loss in both ears.

The table below summarizes the numbers of children with profound hearing loss in at least one ear, by grade span. The number of children with profound hearing loss in both ears is 236 (7% of the population).

Hearing Loss		IFSP	Pre-K	K-2	Grades 3-to-5	Grades 6-to-8	Grades 9-to-12
Left Ear	Right Ear						
Profound	No data	0	1	0	0	0	0
Profound	Mild	1	2	2	1	3	7
Profound	Moderate	0	0	3	4	3	2
Profound	Moderate- Severe	0	3	2	1	1	1
Profound	No Loss	2	8	18	17	35	50
Profound	Severe	1	3	8	5	8	8
Profound	Profound	20	35	32	34	41	74
Severe	Profound	1	6	5	7	11	8
No Loss	Profound	0	10	9	18	24	19
Moderate- Severe	Profound	0	1	1	4	3	3
Moderate	Profound	1	2	0	1	1	0
Mild	Profound	0	1	0	2	2	2
No Data	Profound	0	0	0	0	0	1

Addendum to Section III. Location of Services for Students

The percentage of students with hearing loss, by grade span and percentage of the school day removed from general education, is summarized in the table below. The inference made from the data is that students are included in general education 80% of the school day (removed from general education less than 21% of the school day) at higher percentages prior to grade 6, and that higher percentages of students grade 6 and above attend separate facilities.

Least Restrictive Environment Coding					
Grade Span (FFY 2006-2007)	Removed from General Education <21%	Removed from General Education 21- 59%	Removed from General Education >60%	Separate Facility	Grand Total
K-2	65.99%	21.04%	12.39%	0.58%	100.00%
3-to-5	62.59%	19.90%	17.03%	0.48%	100.00%
6-to-8	55.89%	22.06%	20.99%	1.07%	100.00%
9-to-12	56.23%	20.82%	21.17%	1.78%	100.00%
Grand Total	59.51%	20.97%	18.46%	1.06%	100.00%

Addendum to Section IV. Performance

The academic performance of students with profound loss in both ears is summarized in the tables below. Academic achievement data were available for 71 students. Reading performance is summarized first, followed by math performance.

Reading Proficiency	Grades 3-to-5	Grades 6-to-8	Grades 9-to-12	Grand Total
Basic	18 (72%)	24 (83%)	7 (41%)	49 (69%)
Proficient	5 (20%)	5 (17%)	9 (53%)	19 (27%)
Advanced	2 (8%)		1 (6%)	3 (4%)
Grand Total	25 (100%)	29 (100%)	17 (100%)	71 (100%)

Math Proficiency	Grades 3-to-5	Grades 6-to-8	Grades 9-to-12	Grand Total
Basic	19 (79%)	18 (60%)	8 (47%)	45 (63%)
Proficient	4 (17%)	12 (40%)	6 (35%)	22 (31%)
Advanced	1 (4%)		3 (18%)	4 (6%)
Grand Total	24 (100%)	30 (100%)	17 (100%)	71 (100%)

Proficiency level by highest degree of hearing loss in either ear, is presented for each grade span. The percentage depicted represents the percentage of each column, so comparisons from cell-to-cell can be made within a proficiency level. Reading performance is summarized first, followed by math. **Bolded** cells have the largest percentages of proficient or advanced students.

		Reading Proficiency			
Highest Loss	Grade Span 2006-2007	Basic	Proficient	Advanced	Grand Total
Mild	3-to-5	39 (7.04%)	38 (12.71%)	6 (11.11%)	83 (9.15%)
	6-to-8	66 (11.91%)	22 (7.36%)	2 (3.70%)	90 (9.92%)
	9-to-12	42 (7.58%)	10 (3.34%)	1 (1.85%)	53 (5.84%)
Mild Total		147 (26.53%)	70 (23.41%)	9 (16.67%)	226 (24.92%)
Moderate	3-to-5	38 (6.86%)	29 (9.70%)	9 (16.67%)	76 (8.38%)
	6-to-8	56 (10.11%)	30 (10.03%)	5 (9.26%)	91 (10.03%)
	9-to-12	35 (6.32%)	30 (10.03%)	2 (3.70%)	67 (7.39%)
Moderate Total		129 (23.29%)	89 (29.77%)	16 (29.63%)	234 (25.80%)
Moderate- Severe	3-to-5	27 (4.87%)	18 (6.02%)	6 (11.11%)	51 (5.62%)
	6-to-8	24 (4.33%)	15 (5.02%)	4 (7.41%)	43 (4.74%)
	9-to-12	21 (3.79%)	15 (5.02%)	0.00%	36 (3.97%)
Moderate-Severe Total		72 (13.00%)	48 (16.05%)	10 (18.52%)	130 (14.33%)
Profound	3-to-5	43 (7.76%)	11 (3.68%)	7 (12.96%)	61 (6.73%)
	6-to-8	58 (10.47%)	19 (6.35%)	3 (5.56%)	80 (8.82%)
	9-to-12	22 (3.97%)	23 (7.69%)	3 (5.56%)	48 (5.29%)
Profound Total		123 (22.20%)	53 (17.73%)	13 (24.07%)	189 (20.84%)
Severe	3-to-5	15 (2.71%)	19 (6.35%)	4 (7.41%)	38 (4.19%)
	6-to-8	36 (6.50%)	7 (2.34%)	2 (3.70%)	45 (4.96%)
	9-to-12	18 (3.25%)	10 (3.34%)	0.00%	28 (3.09%)
Severe Total		69 (12.45%)	36 (12.04%)	6 (11.11%)	111 (12.24%)
No Data	3-to-5	5 (0.90%)	2 (0.67%)	0.00%	7 (0.77%)
	6-to-8	6 (1.08%)	1 (0.33%)	0.00%	7 (0.77%)
	9-to-12	3 (0.54%)	0.00%	0.00%	3 (0.33%)
No Data Total		14 (2.53%)	3 (1.00%)	0.00%	1.87%
Grand Total		554 (100%)	299 (100%)	54 (100%)	907 (100%)

		Mathematics Proficiency			
Highest Loss	Grade Span 2006-2007	Basic	Proficient	Advanced	Grand Total
Mild	3-to-5	41 (8.40%)	36 (9.84%)	8 (14.55%)	85 (9.35%)
	6-to-8	57 (11.68%)	31 (8.47%)	3 (5.45%)	91 (10.01%)
	9-to-12	35 (7.17%)	17 (4.64%)	2 (3.64%)	54 (5.94%)
Mild Total		133 (27.25%)	84 (22.95%)	13 (23.64%)	230 (25.30%)
Moderate	3-to-5	38 (7.79%)	29 (7.92%)	9 (16.36%)	76 (8.36%)
	6-to-8	50 (10.25%)	35 (9.56%)	5 (9.09%)	90 (9.90%)
	9-to-12	38 (7.79%)	27 (7.38%)	2 (3.64%)	67 (7.37%)
Moderate Total		126 (25.82%)	91 (24.86%)	16 (29.09%)	233 (25.63%)
Moderate- Severe	3-to-5	18 (3.69%)	28 (7.65%)	5 (9.09%)	51 (5.61%)
	6-to-8	16 (3.28%)	23 (6.28%)	2 (3.64%)	41 (4.51%)
	9-to-12	18 (3.69%)	15 (4.10%)	3 (5.45%)	36 (3.96%)
Moderate-Severe Total		52 (10.66%)	66 (18.03%)	10 (18.18%)	128 (14.08%)
Profound	3-to-5	40 (8.20%)	17 (4.64%)	4 (7.27%)	61 (6.71%)
	6-to-8	46 (9.43%)	32 (8.74%)	3 (5.45%)	81 (8.91%)
	9-to-12	21 (4.30%)	23 (6.28%)	4 (7.27%)	48 (5.28%)
Profound Total		107 (21.93%)	72 (19.67%)	11 (20.00%)	190 (20.90%)
Severe	3-to-5	14 (2.87%)	24 (6.56%)	0.00%	38 (4.18%)
	6-to-8	30 (6.15%)	12 (3.28%)	3 (5.45%)	45 (4.95%)
	9-to-12	13 (2.66%)	14 (3.83%)	1 (1.82%)	28 (3.08%)
Severe Total		57 (11.68%)	50 (13.66%)	4 (7.27%)	111 (12.21%)
No Data	3-to-5	5 (1.02%)	1 (0.27%)	1 (1.82%)	7 (0.77%)
	6-to-8	6 (1.23%)	1 (0.27%)	0.00%	7 (0.77%)
	9-to-12	2 (0.41%)	1 (0.27%)	0.00%	3 (0.33%)
No Data Total		13 (2.66%)	3 (0.82%)	1 (1.82%)	17 (1.87%)
Grand Total		488 (100%)	366 (100%)	55 (100%)	909 (100%)