Appendix B
Standard Errors and Sample Sizes

Exhibit 3-1 (ATTITUDES TOWARD SCI	HOOL)
Have parents who agree that their child enjoys school	9,578
Strongly agree	(1.2)
Agree	(1.2)
Disagree/strongly disagree	(8.)
Motivation toward school	3,206
High (scores of 13 to 16) b	(3.9)
Moderate (scores of 8 to 12) b	(3.5)
Low (scores of 4 to 7) b	(3.4)
Standard errors are in parentheses.	

Exhibit 3-2 (MOTIVATION FOR SCHOOLING)												
	Never Sometimes Usually Always Agree Agree Agree											
I look forward to each new school year	(.2)	(.4)	(.3)	(.7)								
School will help me have a better life	(.2)	(.4)	(.3)	(.7)								
I don't like to stay home from school	(.2)	(.4)	(.3)	(.7)								
I look forward to more years of school	(.2)	(.4)	(.3)	(.7)								
I like Mondays because I come back to school	(.2)	(.4)	(.3)	(.7)								
School is the best place to learn	(.2)	(.4)	(.3)	(.7)								
I am happy at school	(.2)	(.4)	(.3)	(.7)								
Standard errors are in parentheses.												

Exhibit 3-3 (ABSENTEEISM)									
	Sample Size	Standard Error							
Mean number of days absent in 1 month	4,618	.2							
Percentage absent 6 or more days in 1 month	4,618	.7							

Exh (CLASSROOM EN SCORES IN LANGUAGE		
	General	Special
	Education	Education
Percentage less engaged (scores of 5 to 7)	(1.0)	(1.3)
Percentage highly engaged (scores of 13 to 16)	(3.0)	(2.2)
Mean scores	(.2)	(.2)
Sample size	2,610	3,444
Standard errors are in parenthe	ses.	

	Exhibit 3-5 (CLASSROOM ENGAGEMENT BEHAVIORS)										
	Rarely	Some- times	Usually/ Very Often	Sample Size							
Participates in group discussions	-		-								
General education	(.2)	(.4)	(.3)	2,640							
Special education	(.1)	(.3)	(.2)	3,418							
Complete homework on time											
General education	(.2)	(.4)	(.3)	2,608							
Special education	(.1)	(.3)	(.2)	3,375							
Follows directions											
General education	(.2)	(.4)	(.3)	2,610							
Special education	(.1)	(.3)	(.2)	3,444							
Keeps at task until finished, even if it takes a long time											
General education	(.2)	(.4)	(.3)	2,611							
Special education	(.1)	(.3)	(.2)	3,434							
Does things on own even if hard											
General education	(.2)	(.4)	(.3)	2,613							
Special education	(.1)	(.3)	(.2)	3,433							
Standard errors are in parentheses.											

				bit 3-6							
(STUDENTS				•							
_	LD ¹	SP	MR	SED	HI	VI	OI	OHI	AUT	TBI	MULT
Enjoyment of school											
Percentage whose parents											
agree that their child enjoys school ^a	1,036	826	858	857	1,018	803	964	914	1,090	348	828
Strongly agree	(2.0)	(2.3)	(2.3)	(2.0)	(2.5)	(3.0)	(2.5)	(2.4)	(2.4)	(4.5)	(2.7)
Disagree/strongly disagree	(1.4)	(1.3)	(1.3)	(1.9)	(1.3)	(1.4)	(1.1)	(1.7)	(1.4)	(3.4)	(1.2)
Motivation for schooling ^b	359	276	271	298	353	182	322	379	231	97	131
Percentage with low motivation scale scores (7 to 13)	(2.7)	(1.9)	(2.4)	(3.1)	(2.6)	(3.2)	(2.8)	(3.0)	(3.4)	(6.8)	(4.0)
Percentage with high motivation scale scores (21 to 28)	(3.8)	(4.2)	(4.3)	(4.1)	(4.)	(5.7)	(4.5)	(3.8)	(5.7))	(8.0)	(7.7)
Absenteeism °	508	442	468	381	524	392	451	370	547	167	330
Average days absent in 1 month	(.3)	(.2)	(.2)	(.4)	(.3)	(.3)	(.2)	(.2)	(.2)	(.5)	(.3)
Percentage absent 6 or more days in 1 month	(1.4)	(.9)	(1.7)	(1.8)	(1.4)	(2.0)	(1.7)	(1.9)	(1.5)	(3.4)	(2.4)
Classroom engagement behaviors defends Percentage with high classroom engagement scale scores (15 or 16) in:											
General education class	338	487	96	206	270	304	322	270	197	77	52
	(5.7)	(4.3)	(8.0)	(6.1)	(5.8)	(6.6)	(6.4)	(5.3)	(6.4)	(12.4)	(14.8)
Special education class	354 (5.6)	86 (11.3)	521 (4.1)	306 (5.6)	436 (6.3)	200 (8.4)	275 (6.8)	220 (5.7)	467 (3.8)	147 (10.0)	375 (5.8)
Percentage with low classroom engagement scale scores (4 to 8) in:	,	, ,	, ,	` ,	, ,	` ,	, ,	` ,	` ,	,	, ,
General education class	338	487	96	206	270	304	322	270	197	77	52
	(2.0)	(1.4)	(4.6)	(3.3)	(.0)	(1.4)	(1.0)	(1.6)	(2.3)	(3.9)	(8.1)
Special education class	354 (1.3)	86 (5.4)	521 (2.1)	306 (2.8)	436 (2.2)	200 (7.0)	275 (3.6)	220 (2.2)	467 (3.1)	147 (2.9)	375 (4.2)
Standard errors are in parenthese	S.										

¹Note: All tables that indicate disability categories refer to the following: LD=learning disability; SP=speech impairment; MR=mental retardation; SED=serious emotional disturbance; HI=hearing impairment; VI=visual impairment; OI=orthopedic impairment; OHI=other health impairment; Aut=autism; TBI=traumatic brain injury; MULT=multiple disabilities.

	Exhibit 4-1 (STUDENTS' GRADES, BY DISABILITY CATEGORY)											
	All	LD	SP	MR	SED	ні	VI	OI	ОНІ	AUT	ТВІ	MULT
Overall grades	860	611	539	697	763	551	677	710	469	233	324	860
Mostly As and Bs	(.2)	(.4)	(.3)	(.7)	(.5)	(.6)	(.5)	(.4)	(.6)	(8.)	(1.4)	(1.2)
Mostly Ds and Fs	(.2)	(.4)	(.3)	(.7)	(.5)	(.6)	(.5)	(.4)	(.6)	(8.)	(1.8)	(1.3)
Standard errors are in pare	ntheses.											

(STUDI	ENT RE	ETENT		ibit 4-2 3Y DIS	_	TY CA	TEGO	RY)			
	All	LD	SP	MR	SED	ні	VI	OI	ОНІ	AUT	ТВІ	MULT
Ever retained at grade level	9,168	1,035	826	816	847	990	755	961	916	964	342	680
	(.2)	(.4)	(.3)	(.7)	(.5)	(.6)	(.5)	(.4)	(.6)	(8.)	(1.4)	(1.2)
Standard errors are in paren	theses.											

Exhibit 4-3 (WJIII PASSAGE COMPREHENSION, BY DISABILITY CATEGORY)												
	Total	LD	SP	MR	SED	ні	VI	OI	ОНІ	AUT	ТВІ	MULT
WJIII Passage Comprehension (percentile)	3,912	457	367	392	363	483	253	416	469	377	127	203
0-25	(1.9)	(3.0)	(3.6)	(1.9)	(3.7)	(3.5)	(4.9)	(3.8)	(3.5)	(3.8)	(6.3)	(4.5)
26-50	(1.6)	(2.7)	(3.4)	(1.6)	(3.3)	(2.9)	(4.3)	(3.1)	(3.0)	(3.0)	(5.1)	(3.8)
51-75	(1.1)	(1.5)	(2.6)	(8.0)	(2.2)	(2.1)	(3.7)	(2.6)	(2.2)	(2.2)	(4.2)	(2.1)
76+	(8.)	(1.1)	(2.0)	(0.7)	(1.7)	(1.8)	(2.9)	(2.0)	(1.5)	(1.8)	(1.8)	(1.7)
Standard errors are in parent	heses.											

Exhibit 4-4 (WJIII MATHEMATICS CALCULATION, BY DISABILITY CATEGORY)												
	Total	LD	SP	MR	SED	н	VI	OI	ОНІ	AUT	ТВІ	MULT
WJIII Mathematics Calculation (percentile)	3,649	446	354	342	351	464	240	385	450	331	115	167
0-25	(1.9)	(3.4)	(3.0)	(2.8)	(3.9)	(3.6)	(4.5)	(4.0)	(3.6)	(4.6)	(7.4)	(6.0)
26-50	(1.8)	(3.2)	(3.4)	(2.4)	(3.6)	(3.4)	(4.4)	(3.5)	(3.3)	(4.1)	(6.0)	(4.8)
51-75	(1.4)	(2.1)	(3.2)	(1.3)	(3.1)	(2.9)	(4.3)	(3.2)	(2.4)	(3.0)	(4.8)	(3.0)
76+	(1.4)	(2.0)	(3.1)	(1.0)	(2.1)	(2.9)	(4.3)	(2.8)	(2.2)	(2.9)	(4.9)	(3.3)
Standard errors are in p	arentheses.											

Exhibit 4-5 (AVERAGE GRADE LEVELS BEHIND IN READING AND MATHEMATICS, BY DISABILITY CATEGORY)												
	Total	LD	SP	MR	SED	ні	VI	OI	ОНІ	AUT	ТВІ	MULT
Reading	5,286	637	530	527	467	649	418	527	451	549	195	303
	(.2)	(.4)	(.3)	(.7)	(.5)	(.6)	(.5)	(.4)	(.6)	(8.)	(1.4)	(1.2)
Math	5,244	632	521	526	463	645	414	520	446	544	194	306
	(.2)	(.4)	(.3)	(.7)	(.5)	(.6)	(.5)	(.4)	(.6)	(8.)	(1.8)	(1.3)
Standard errors are in pa	arentheses.											

Exhibit 5 (PARENTS' RATINGS OF SOCIAL SKILLS AND STUDENTS IN THE GEN	OF STUDE		SABILITIE	s
AND CTOSENTO IN THE CEN		with Disabilities		the General ulation
	Never	Very often	Never	Very often
Make friends easily		9,538		655
Avoid situations that are likely to result in trouble	(.6)	(1.2)	(.5)	(1.9)
Speak in an appropriate tone of voice at home	(.7)	(1.2)	(.8) .5	(2.0)
Start conversations rather than waiting for others to start	(.6) (.7)	(1.2)	.5 (1.0)	(1.9)
Seem confident in social situations, such as parties or group outings	(.7)	(1.2)	(1.0)	(2.0)
Cooperate with family members without being told to do so.	(.6)	(1.2)	(.6)	(1.9)
Control temper when arguing with other children	(8.)	(1.2)	(1.1)	(1.8)
End disagreements with parent calmly	(.9)	(1.1)	(1.2)	(1.8)
Join group activities, such as a group having lunch together, without being told to do so. Receive criticism well	(1.1)	(1.1)	(1.0)	(1.9)
	(1.1)	(.9)	(1.5)	(1.5)
Standard errors are in parentheses.				

Exhibit 5-2 (TEACHERS' RATINGS OF SOCIAL SKILLS OF STUDENTS WITH DISABILITIES AND STUDENTS IN THE GENERAL POPULATION)

			Students in the Gener		
	Students v	with Disabilities	Pop	ulation	
	Never	Very often	Never	Very often	
		6,053		901	
Easily transition between classroom activities					
	(1.0)	(2.1)	(8.)	(1.6)	
Follow teacher directions		6,063			
	(.6)	(2.1)	(.4)	(1.6)	
Control temper in conflict situations with peers		6,019			
	(1.4)	(2.1)	(1.0)	(1.7)	
Cooperate with peers without prompting		6,050			
	(1.1)	(2.1)	(.7)	(1.7)	
Act sad or depressed		6,058			
	(2.1)	(1.1)	(1.6)	(8.)	
Fight with others		6,045			
	(2.1)	(1.2)	(1.6)	(8.)	
Get easily distracted		6,067			
	(1.0)	(2.1)	(1.6)	(1.4)	
Standard errors are in parentheses.					

Exhibit 5-3 (STUDENTS GET ALONG WITH TEACHERS AND OTHER STUDENTS)									
	Very well	Pretty well	Not very well	Not at all well	Sample Size				
Get along with teachers	(1.2)	(1.1)	(.6)	(.3)	9,297				
Get along with students	(1.2)	(1.2)	(.7)	(.3)	9,106				
Standard errors are in parentheses.									

Exhibit 5-4 (SOCIAL INTERACTIONS OF STUDENTS WITH DISABILITIES)								
_	Sample Size	Standard Error						
Participate in an extracurricular school group	9,669	(1.1)						
Participate in an out-of-school group	9,707	(1.2)						
Participate in any extracurricular school or out-of-school group	9,707	(1.1)						
Get together with friends outside of school or organized groups:	8,338							
Frequently (four or more times a week)		(1.1)						
Regularly (one to three times a week)		(1.3)						
Occasionally (less than once a week)		(1.1)						
Never		(8.)						
Are socially engaged—get together with friends at least once a week or belong to at least one group	8,324	(.9)						
Standard errors are in parentheses.								

Exhibit 5-6									
(RELATIONSHIP OF SOCIAL SKILLS TO OTHER INDICATORS OF SOCIAL ADJUSTMENT)									
	Social Skills Rated as:								
_	Low	Medium	High						
Percentage with classroom social									
behaviors rated:		4782							
Low	(8.)	(.3)	(.1)						
Medium	(2.6)	(2.1)	(5.5)						
High	(2.5)	(2.1)	(5.5)						
How well students get along with others		8828							
Not well	(1.2)	(.4)	(.5)						
Well or very well	(2.1)	(,9)	(1.1)						
Percentage who:		9524							
Belong to a group	(2.2)	(1.4)	(3.3)						
See friends outside of groups at		8289							
least weekly	(2.4)	(1.6) 9515	(3.7)						
Have been the subject of a disciplinary action at school in the past year	(1.8)	(1.0)	(1.7)						
Standard errors are in parentheses.									

(000141 4	Exhibit 5-7										
(SOCIAL ADJUSTMENT OF STUDENTS, BY DISABILITY CATEGORY)											
	LD	SP	MR	SED	НІ	VI	OI	ОНІ	AUT	ТВІ	MULT
Social skills scale score:	1,030	822	860	843	1,013	797	964	920	1,092	351	808
High	(1.3)	(1.7)	(1.0)	(8.)	(1.5)	(2.0)	(1.6)	(1.3)	(0.6)	(2.0)	(1.2)
Medium	(2.1)	(2.2)	(2.4)	(2.3)	(2.4)	(2.9)	(2.4)	(2.5)	(2.4)	(4.8)	(2.7)
Low	(1.9)	(1.8)	(2.3)	(2.3)	(2.2)	(2.6)	(2.1)	(2.4)	(2.4)	(4.7)	(2.7)
Classroom social behavior scale score:	690	569	622	515	714	491	595	488	689	224	425
High	(2.4)	(2.9)	(2.4)	(2.0)	(3.0)	(2.8)	(3.1)	(2.9)	(2.6)	(5.4)	(3.7)
Medium	(2.5)	(2.9)	(2.5)	(2.1)	(3.0)	(3.9)	(3.1)	(3.0)	(2.7)	(5.4)	(3.8)
Low	(.4)	(.5)	(.6)	(.7)	(.4)	(.9)	(.6)	(.9)	(.6)	(.4)	(1.4)
Belong to a group or get together with friends at least weekly	1,044 (1.6)	838 (1.7)	859 (2.1)	869 (2.0)	1,024 (2.0)	810 (2.7)	990 (2.2)	924 (1.7)	1,101 (2.4)	355 (4.3)	843 (2.5)
Have been subject to disciplinary action at school	477 (1.6)	416 (1.1)	442 (1.8)	331 (2.3)	521 (1.4)	388 (1.3)	454 (1.3)	362 (1.9)	494 (1.2)	140 (3.5)	320 (1.9)
Have been arrested	340	81	238	266	264	167	204	323	174	90	214
	(1.0)	(2.4)	(1.2)	(2.6)	(1.6)	(.3)	(1.1)	(1.6)	(.9)	(2.9)	(2.2)
Standard errors are in parent	heses.										

Exhibit 6-1 SELF-CARE SKILLS							
Feed themrselve without help	9,036						
Very well	(8.)						
Pretty well	(.7)						
Not very or not at all well	(.4)						
Dress themselves without help	9,041						
Very well	(1.0)						
Pretty well	(.9)						
Not very or not at all well	(.6)						
Self-care scale score	9,036						
High (8)	(1.0)						
Medium (5 to 7)	(1.0)						
Low (2 to 4)	(.3)						
Standard errors are in parentheses.							

Exhibit 6-2 (FUNCTIONAL COGNITIVE	SKILLS)
Read and understand common signs	9,512
Very well	(1.1)
Pretty well	(.9)
Not very well	(.6)
Not at all well	(.5)
Tell time on an analog clock	9,495
Very well	(1.2)
Pretty well	(1.1)
Not very well	(1.0)
Not at all well	(.7)
Count change	9,503
Very well	(1.2)
Pretty well	(1.1)
Not very well	(1.0)
Not at all well	(.6)
Look up telephone numbers and use the phone	8,897
Very well	(1.1)
Pretty well	(1.1)
Not very well	(1.0)
Not at all well	(1.0)
Functional cognitive skills scale score	8,897
High (15 or 16)	(1.0)
Medium (9 to 14) Low (4 to 8)	(1.2) (.8)
Standard errors are in parentheses.	(.0)

Exhibit 6-3 (MOBILITY)	
Students age 12 or older get places outside the home:	2,360
Very well	(2.2)
Pretty Well	(1.5)
Not very well	(1.2)
Not at all well	(1.5)
Mobility scale score for students with visual impairments	
High (24-30)	(5.0)
Medium (16-23)	(4.7)
Low (10-16)	(3.1)
Standard errors are in parentheses.	

Exhibit 6-4 (PERSISTENCE AND SELF-ADV	OCACY SKILLS)
Keep working at something until finished	9,547
Very often	(1.1)
Sometimes	(1.2)
Never	(.9)
Ask for what they need to do their best in class	6,060
Very often	(1.4)
Sometimes	(1.5)
Never	(1.2)
Standard errors are in parentheses.	

Exhibit 6-5 HOUSEHOLD RESPONSIBILITIES							
Fixes own breakfast or lunch	9,559						
Always	(.9)						
Usually	(.9)						
Sometimes	(1.2)						
Never	(.9)						
Straightens up own room/living area	9,563						
Always	(1.0)						
Usually	(.9)						
Sometimes	(1.2)						
Never	(.9)						
Do laundry	9,548						
Always	(.5)						
Usually	(.5)						
Sometimes	(1.0)						
Never	(1.1)						
Household responsibilities scale score	9,548						
High (15 or 16)	(.4)						
Medium (9 to 14)	(1.2)						
Low (4 to 8)	(1.2)						
Standard errors are in parentheses.							

Exhibit 6-6 (DAILY LIVING SKILLS, BY DISABILITY CATEGORY)											
(DA	,										
	LD	SP	MR	SED	н	VI	OI	ОНІ	AUT	ТВІ	MULT
Self-care skills scale score											
High (8)	(1.7)	(1.6)	(2.3)	(2.2)	(2.1)	(3.0)	(2.4)	(2.5)	(2.3)	(4.7)	(2.5)
Medium (5 to 7)	(1.7)	(1.6)	(2.4)	(2.3)	(2.3)	(3.1)	(2.8)	(2.5)	(2.6)	(4.9)	(2.8)
Low (2 to 4)	(.3)	(.2)	(1.1)	(.7)	(.6)	(1.8)	(1.9)	(.9)	(1.3)	(3.1)	(2.2)
Functional cognitive skills											
scale score											
High (15 or 16)	(1.8)	(2.2)	(1.1)	(2.1	(2.1)	(2.2)	(2.0)	(2.2	(1.4)		(1.5)
Medium (9 to 14)	(2.0)	(2.3)	(2.4)	(2.3)	(2.6)	(3.2)	(2.7)	(2.5)	(2.6)	, ,	(2.7)
Low (4 to 8)	(1.1)	(1.2)	(2.3)	(1.4)	(1.6)	(2.7)	(2.1)	(1.7)	(2.4)	(4.3)	(2.7)
Get around outside the house:	380	87	242	279	256	167	200	307	146	86	195
Very well	(3.0)	(6.7)	(4.4)	(3.9)	(5.7)	(6.5)	(5.0)	(3.4)	(6.7)	(9.9)	(5.3)
Not at all well	(2.2)	(4.9)	(3.2)	(2.5)	(3.5)	(5.8)	(4.3)	(1.5)	(7.1)	(5.9)	(5.3)
Keep working at something until finished:	1,031	823	842	861	1,012	797	965	921	1,092	349	810
Very often	(2.0)	(2.3)	(2.1)	(2.0)	(2.5)	(3.0)	(2.4)	(2.1)	(2.2)	(4.3)	(2.4s)
Sometimes	(2.1)	(2.4)	(2.4)	(2.3)	(2.7)	(3.0)	(2.7)	(2.5)	(2.7)	(4.9)	(2.8)
Never	(1.6)	(1.4)	(2.0)	(2.0)	(1.5)	(2.2)	(1.8)	(2.1)	(2.0)	(4.3)	(2.4)
Ask for what they need to do their best in class:	693	570	620	516	714	493	593	492	675	224	422
Very often	(2.5)	(2.8)	(2.6)	(2.4)	(3.0)	(3.7)	(3.1)	(3.1)	(2.2)	(5.4)	(3.6)
Sometimes	(2.7)	(2.9)	(2.8)	(3.0)	(3.1)	(3.9)	(3.2)	(3.5)	(3.2)	(5.8)	(4.0)
Never	(2.0)	(2.1)	(2.2)	(2.6)	(2.4)	(3.0)	(2.6)	(3.1)	(3.0)	(4.5)	(3.7)
Household responsibilities scale score:											
High (15 or 16)	(8.)	(.6)	(.6)	(.5)	(.7)	(.6)	(.4)	(.7)	(.2)	(1.0)	(.6)
Medium (9 to 14)	(2.1)	(2.3)	(2.2)	(2.2)	(2.7)	(2.8)	(2.2)	(2.3)	(1.9)	(4.4)	(2.1)
Low (4 to 8)	(2.1)	(2.3)	(2.2)	(2.2)	(2.5)	(2.8)	(2.1)	(2.3)	(1.8)	(4.4)	(2.2)
Locus of control scale score:	. ,	278	288	302	365	183			244	98	138
High	(3.8)	(4.2)	(3.8)	(4.2)	(4.3)	(5.6)	(4.4)	(3.9)	(5.6)	(7.8)	(7.7)
Medium	(3.8)	(4.2)	(4.2)	(4.0)	(4.3)	(5.6)	(4.3)	(3.9)	(5.5)	(8.1)	(7.6)
Low	(3.8)	(4.2)	(3.8)	(4.2)	(4.3)	(5.6)	(4.4)	(3.9)	(5.6)	(7.8)	(7.7)
Standard errors are in parenthe	ses.										. ,