

SUPPLEMENTAL TABLE A TO BRIEF No. 45
Students' Risks for Out-of-school Suspensions:
Indigenous Heritage and Child Protection System Involvement

Sociodemographic Characteristics of the Sample (N=60,025)

	3rd graders (n = 60,025) n (%)		White (n = 44,782) n (%)		Black (n = 5,908) n (%)		Hispanic (n = 4,326) n (%)		Asian (n = 3,611) n (%)		Indigenous (n = 1,398) n (%)	
Gender												
Female	29,219 (48.7)		21,699 (48.5)		2,893 (49)		2,087 (48.2)		1,932 (50.7)		708 (50.6)	
Male	30,806 (51.3)		23,083 (51.5)		3,015 (51)		2,239 (51.8)		1,779 (49.3)		690 (49.4)	
Socioeconomic Status (FRL) (ref = no)	19,911 (33.2)		10,224 (22.8)		4,285 (72.5)		2,896 (66.9)		1,503 (41.6)		1,003 (71.7)	
Special Education Status (IEPs) (ref = no)	7,105 (11.8)		5,289 (11.8)		808 (13.7)		479 (11.9)		252 (7)		277 (19.8)	
Emotional/Behavioral Disabilities (ref = no)	877 (1.5)		570 (1.3)		195 (3.2)		39 (0.9)		10 (0.3)		66 (4.7)	
Reading Score												
Meets standard	45,136 (79.6)		40,063 (93.4)		3,938 (73.6)		2,946 (69.1)		2,957 (86.7)		989 (70.7)	
Does not meet standard	11,597 (20.4)		2,817 (6.6)		1,411 (26.4)		928 (21.5)		455 (13.3)		256 (20.6)	
Math Score												
Meets standard	44,529 (83)		41,704 (93.1)		4,100 (69.4)		2,244 (92.7)		2,386 (97.1)		1,124 (91.0)	
Does not meet standard	9,089 (17)		1,008 (2.3)		694 (11.7)		177 (7.3)		70 (2.9)		111 (9.0)	
Limited English Proficiency (ref = no)	5,088 (8.5)		311 (0.7)		974 (16.5)		2,220 (51.3)		1,568 (43.4)		15 (1.1)	
Out-of-home care (OHC) experience (ref = no)	740 (1.2)		347 (0.8)		205 (3.5)		44 (1.0)		18 (0.5)		126 (9.0)	
OSS experience (ref = no)	6,718 (11.2)		4,019 (9.0)		1,428 (24.2)		592 (13.7)		241 (6.7)		438 (31.3)	
	M	SD	M	SD	M	SD	M	SD	M	SD	M	SD
CPS Involvement (number of CPS investigations/assessments)	0.22	0.86	0.18	0.79	0.49	1.21	0.23	0.77	0.09	0.42	0.76	1.63
Attendance Rate	80.17	32.96	83.92	30.03	66.73	38.70	64.12	40.25	78.24	34.85	71.51	34.76
School-level characteristics												
Total number of students	445.25	204.11	456.73	202.48	392.23	201.20	411.51	215.70	456.38	200.22	362.09	176.44
Student/teacher ratio	13.94	9.92	14.25	8.94	13.07	14.37	12.57	11.11	13.93	11.88	11.64	6.85
Percentage of minority students	25.14	25.16	17.11	15.65	57.92	31.48	43.47	29.90	44.05	30.69	47.22	35.05
Percentage of minority staff	3.42	7.19	2.12	4.81	9.11	11.80	5.50	9.28	7.29	11.14	6.06	8.57
Percentage of resource personnel	4.12	6.26	3.30	3.34	7.04	10.27	6.98	10.83	5.84	8.41	5.87	16.82
Number of OSS experiences	0.18	0.64	0.14	0.54	0.44	1.03	0.21	0.64	0.08	0.36	0.63	1.25

Note. FRL refers to participation in the free/reduced price lunch program.

The Center for Advanced Studies in Child Welfare (CASCW) is a resource for child welfare professionals, students, faculty, policy-makers, and other key stakeholders concerned about child welfare in Minnesota.

Minn-LInK is a unique collaborative, university-based research environment with the express purpose of studying child and family well-being in Minnesota using state administrative data from multiple agencies.

For more information, contact Kristine Piescher at 612-625-8169 or email at kpiesche@umn.edu

SUPPLEMENTAL TABLE B TO BRIEF No. 45

**Students' Risks for Out-of-school Suspensions:
Indigenous Heritage and Child Protection System Involvement**

Count Model for Factors Influencing the OSS Experiences (*N=60,025, non-zeros=6,718*)

	Model 1			Model 2			Model 3		
	β	SE	Exp	β	SE	Exp	β	SE	Exp
Gender (ref = male)	-0.499 ***	0.051	0.607	-0.498 ***	0.051	0.608	-0.497 ***	0.051	0.608
Socioeconomic Status (FRL) (ref = no)	0.309 ***	0.051	1.362	0.307 ***	0.051	1.359	0.305 ***	0.051	1.357
Special Education Status (IEPs) (ref = no)	0.095	0.064	1.100	0.097	0.064	1.102	0.099	0.064	1.104
Emotional/Behavioral Disabilities (ref = no)	0.851 ***	0.093	2.342	0.848 ***	0.092	2.335	0.843 ***	0.092	2.323
Out-of-home care (OHC) (ref = no)	0.109	0.094	1.115	-0.106	0.096	0.899	-0.089	0.097	0.915
Attendance rate	-0.004 **	0.001	0.996	-0.003 ***	0.001	0.997	-0.003 ***	0.001	0.997
Math score (ref = does not meet standard)	-0.027	0.053	0.973	-0.023	0.054	0.977	-0.017	0.054	0.983
Reading score (ref = does not meet standard)	-0.311 ***	0.053	0.733	-0.310 ***	0.053	0.733	-0.309 ***	0.053	0.734
School-level characteristics									
Total number of students	0.000	0.000	1.000	0.000	0.000	1.000	0.000	0.000	1.000
Student/teacher ratio	-0.002	0.001	0.998	-0.002	0.001	0.998	-0.002	0.001	0.998
Percentage of minority students	0.014 ***	0.001	1.014	0.010 ***	0.001	1.010	0.010 ***	0.001	1.010
Percentage of minority staff	-0.002	0.003	0.998	-0.002	0.003	0.998	-0.002	0.003	0.998
Percentage of resource personnel	-0.003	0.002	0.997	-0.004	0.002	0.996	-0.003	0.002	0.997
Race (ref=White)									
Black				0.463 ***	0.065	1.589	0.456 ***	0.073	1.578
Hispanic				0.057	0.096	1.059	0.067	0.116	1.069
Asian				-1.066 ***	0.181	0.344	-1.124 ***	0.208	0.325
Indigenous				0.582 ***	0.090	1.790	0.725 ***	0.108	2.065
CPS Involvement (number of CPS investigations/assessments)				0.160 ***	0.018	1.174	0.170 ***	0.027	1.185
Interaction effect of ethnicity and CPS Involvement									
Black*CPS Involvement							-0.017	0.036	0.983
Hispanic*CPS Involvement							-0.098	0.069	0.907
Asian*CPS Involvement							0.347	0.251	1.415
Indigenous*CPS Involvement							-0.129 *	0.052	0.879
(Intercept)	-0.382 ***	0.100		-0.384 ***	0.102		-0.386 ***	0.103	
Log (theta)	-0.831	0.043		-0.828 ***	0.044		-0.816 ***	0.045	

Note. * indicates statistical significance at the level of $\alpha = .05$, ** $\alpha = .01$, and *** $\alpha = .001$