Supplemental Tables for: Is It Getting Fairer? Examining Five Years of School Allocations Under Fair Student Funding Return to PDF Return to HTML

Table 1: There Is Evidence of Convergence Towards the Fair Student Funding-Defined Weights Among Categories of Student Need That Were Above the Formula Weight	2
Table 2: Types of Students That Were Funded Significantly Below the Formula Weight	3
Table 3: Types of Students That Were Funded Significantly Above the Formula Weight	4
Appendix Table: Regression Results	
Part I	5
Part II	6
Part III	7

There is Evidence of Convergence Towards the Fair Student Funding-Defined Weights
Among Categories of Student Need That Were Above the Formula Weight

Provided Health Provided H					Implied Weights			
Grade Weights Enrollment 9-12 1.03 1.16 1.15 1.12 1.12 Academic Intervention Poverty 0.24/0.12 0.08 -0.01 0.02 0.06 Mell Below Standards 4-5 0.40 1.46 3.56 4.70 14.57 3.73 Well Below Standards 6-8 0.50 0.32 0.46 0.40 0.63 0.09 -0.53 -0.48 -0.60 0.63 0.48 -0.60 0.63 0.48 -0.60 0.63 0.46 0.40 0.63 0.60 0.63 0.48 -0.60 0.63 0.48 -0.60 0.63 0.48 -0.60 0.63 0.48 -0.60 0.63 0.48 -0.60 0.63 0.29 0.33 0.28 0.29 0.33 0.28 0.29 0.33 0.28 0.29 0.33 0.28 0.29 0.33 0.28 0.29 0.33 0.28 0.29 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.34 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>2010- 2011</th><th>2011- 2012</th></td<>							2010- 2011	2011- 2012
Poverty 0.24/0.12 0.08 0.01 0.02 0.08	Orodo Wojekto	Enrollment 6-8	1.08	1.05	1.00	1.02	1.02	1.08
Well Below Standards 4-5 0.40 1.46 3.56 4.70 14.55 Below Standards 4-5 0.25 -1.41 -2.58 -1.57 -3.73 Well Below Standards 6-8 0.50 0.32 0.46 0.40 0.66 Below Standards 6-8 0.35 -0.09 -0.53 -0.48 -0.66 Well Below Standards 9-12 0.40 0.19 0.26 0.19 0.15 Below Standards 9-12 0.25 -0.12 -0.29 -0.16 -0.05 Language ELL K-5 0.40 0.35 0.28 0.29 0.35 Language ELL 6-8 0.50 0.46 0.45 0.36 0.35 Learner ELL 9-12 0.50 0.37 0.30 0.30 0.31 Less Than 20% of the Day 0.68 1.56 1.06 1.32 1.55 Self Contained 9-12 Seats (More than 60% of the day) 0.73/0.58 1.69 1.10 0.89 0.76 Special Education ET K-8 Seats (More than 60% of the day) 0.73/0.58 1.69 1.10 0.89 0.76 CTT K-8 Seats (More than 60% of the day) 0.28 -	Grade Weights	Enrollment 9-12	1.03	1.16	1.15	1.12	1.11	1.08
Academic Intervention		Poverty	0.24/0.12	0.08	-0.01	0.02	0.05	0.00
Academic Intervention Mell Below Standards 6-8 0.50 0.32 0.46 0.40 0.65 Below Standards 6-8 0.35 -0.09 -0.53 -0.48 -0.66 Mell Below Standards 9-12 0.40 0.19 0.26 0.19 0.15 Below Standards 9-12 0.25 -0.12 -0.29 -0.16 -0.05 English Language ELL K-5 0.40 0.35 0.28 0.29 0.35 Lagrarer ELL 9-12 0.50 0.46 0.45 0.36 0.38 Learner ELL 9-12 0.50 0.37 0.30 0.30 0.35 Between 20 and 60% of the Day 0.68 1.56 1.06 1.32 1.55 Self Contained K-8 Seats (More than 60% of the day) 0.73/0.58 1.69 1.10 0.89 0.76 Special CTT K-8 Seats (More than 60% of the day) 2.28 2.35 2.19 2.14 2.32 CTT K Seats (More than 60% of the day) 2.28 2.35 2.19 2.14 2.32 CTT L-8 Seats (More than 60% of the day) 1.90 -		Well Below Standards 4-5	0.40	1.46	3.56	4.70	14.52	8.33
Intervention Well Below Standards 6-8 0.50 0.32 0.46 0.40 0.65 Below Standards 6-8 0.35 0.09 0.53 0.48 0.66 Well Below Standards 9-12 0.40 0.19 0.26 0.19 0.15 Below Standards 9-12 0.25 0.12 0.29 0.16 0.05 Below Standards 9-12 0.25 0.12 0.29 0.16 0.05 Below Standards 9-12 0.25 0.12 0.29 0.35 Language ELL K-5 0.40 0.35 0.28 0.29 0.35 Language ELL G-8 0.50 0.46 0.45 0.36 0.36 Less Than 20% of the Day 0.50 0.37 0.30 0.30 0.37 Between 20 and 60% of the Day 0.56 0.16 0.44 0.35 0.45 Between 20 and 60% of the Day 0.68 1.56 1.06 1.32 1.55 Self Contained K-8 Seats (More than 60% of the day) 1.23 2.62 2.30 2.16 2.03 Self Contained 9-12 Seats (More than 60% of the day) 0.73/0.58 1.69 1.10 0.89 0.77 Special Education CTT K-8 Seats (More than 60% of the day) 2.28 2.35 2.19 2.14 2.35 CTT L-8 Seats (More than 60% of the day) 1.90 -		Below Standards 4-5	0.25	-1.41	-2.58	-1.57	-3.73	-4.62
Below Standards 6-8 0.35 -0.09 -0.53 -0.48 -0.66		Well Below Standards 6-8	0.50	0.32	0.46	0.40	0.63	0.41
Below Standards 9-12 0.25 -0.12 -0.29 -0.16 -0.00	ntervention	Below Standards 6-8	0.35	-0.09	-0.53	-0.48	-0.66	-0.38
Ell K-5		Well Below Standards 9-12	0.40	0.19	0.26	0.19	0.15	0.17
Larguage ELL 6-8 0.50 0.46 0.45 0.36 0.38		Below Standards 9-12	0.25	-0.12	-0.29	-0.16	-0.09	0.15
Language Learner ELL 6-8 0.50 0.46 0.45 0.36 0.36 0.36 0.36 0.37 0.30 0.30 0.30 0.30 0.37 0.30 0.30 0.30 0.37 0.30	English	ELL K-5	0.40	0.35	0.28	0.29	0.35	0.33
Less Than 20% of the Day	_	ELL 6-8	0.50	0.46	0.45	0.36	0.38	0.36
Between 20 and 60% of the Day 0.68 1.56 1.06 1.32 1.55	_earner	ELL 9-12	0.50	0.37	0.30	0.30	0.37	0.36
Self Contained K-8 Seats (More than 60% of the day) 1.23 2.62 2.30 2.16 2.03		Less Than 20% of the Day	0.56	0.16	0.44	0.35	0.49	0.52
More than 60% of the day 1.23 2.62 2.30 2.16 2.03		Between 20 and 60% of the Day	0.68	1.56	1.06	1.32	1.55	1.05
CTT K-8 Seats CTT L-8 Seat			1.23	2.62	2.30	2.16	2.03	1.46
Education (More than 60% of the day) 2.28 2.35 2.19 2.14 2.32 CTT K Seats (More than 60% of the day) 2.28			0.73/0.58	1.69	1.10	0.89	0.70	0.57
CTT 1-8 Seats	•		2.28	2.35	2.19	2.14	2.32	_
More than 60% of the day) 1.90			2.28					1.56
More than 60% of the day) 2.52/2.1 0.90 1.26 1.73 1.93			1.90					2.09
Portfolio Schools CTE-Health/Trade/Technical CTE-Business CTE-Business CTE-Home Economics/Arts Specialized Academic Specialized Audition Transfer Schools CTE-Home Economics/Arts O.12 O.14 O.12 O.12 O.14 O.12 O.10 O.10 O.10 O.10 O.10 O.10 O.11 O.10 O.10 O.10 O.11 O.11 O.12 O.12 O.15 O.15 O.15 O.16 O.17 O.16 O.17 O.16 O.17 O.17 O.18 O.19 O.10 O.10			2.52/2.1	0.90	1.26	1.73	1.93	1.43
Portfolio Schools CTE-Business 0.12 0.14 0.12 0.25 0.27 Schools CTE-Home Economics/Arts 0.05 0.19 0.10 -0.02 0.05 Specialized Academic 0.25 0.11 0.08 0.10 0.13 Specialized Audition 0.35 0.35 0.31 0.32 0.34 Transfer Schools 0.40 0.39 0.36 0.39 0.35		CTE-Nursing	0.26	0.14	0.27	-0.31	0.17	0.20
Portfolio Schools CTE-Home Economics/Arts 0.05 0.19 0.10 -0.02 0.05 Specialized Academic 0.25 0.11 0.08 0.10 0.13 Specialized Audition 0.35 0.35 0.31 0.32 0.34 Transfer Schools 0.40 0.39 0.36 0.39 0.39		CTE-Health/Trade/Technical	0.17	0.18	0.17	0.16	0.17	0.17
Schools CTE-Home Economics/Arts 0.05 0.19 0.10 -0.02 0.08 Specialized Academic 0.25 0.11 0.08 0.10 0.13 Specialized Audition 0.35 0.35 0.31 0.32 0.34 Transfer Schools 0.40 0.39 0.36 0.39 0.39		CTE-Business	0.12	0.14	0.12	0.25	0.27	0.23
Specialized Academic 0.25 0.11 0.08 0.10 0.13 Specialized Audition 0.35 0.35 0.31 0.32 0.34 Transfer Schools 0.40 0.39 0.36 0.39 0.39		CTE-Home Economics/Arts	0.05	0.19	0.10	-0.02	0.05	-0.13
Transfer Schools 0.40 0.39 0.36 0.39 0.39		Specialized Academic	0.25	0.11	0.08	0.10	0.13	0.23
		Specialized Audition	0.35	0.35	0.31	0.32	0.34	0.33
		Transfer Schools	0.40	0.39	0.36	0.39	0.39	0.43
Number of Schools in Sample 1,396 1,437 1,472 1,495	Number of School	ols in Sample		1,396	1,437	1,472	1,495	1,506
Adjusted R-Squared 0.9858 0.9863 0.9876 0.9872	Adjusted R-Squa	red		0.9858	0.9863	0.9876	0.9871	0.9928

SOURCE: Analysis of Department of Education data on school-level Fair Student Funding allocations NOTES: For weights that were revised in 2011-2012, the original weight is listed first and the revised weight is listed second. Only statistically significant results appear in bold font.

				Imp	lied Weight	ts	
		FSF Formula Weights	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011 2012
Crada Waighta	Enrollment 6-8	1.08		1.00	1.02	1.02	
Grade Weights	Enrollment 9-12	1.03					
	Poverty	0.24/0.12	0.08			0.05	
	Well Below Standards 4-5	0.40					
	Below Standards 4-5	0.25					-4.62
cademic ntervention	Well Below Standards 6-8	0.50					
iter verition	Below Standards 6-8	0.35		-0.53	-0.48	-0.66	-0.38
	Well Below Standards 9-12	0.40	0.19				0.17
	Below Standards 9-12	0.25		-0.29			
English	ELL K-5	0.40		0.28	0.29		0.33
anguage	ELL 6-8	0.50					0.36
.earner	ELL 9-12	0.50	0.37	0.30	0.30	0.37	0.36
	Less Than 20 % of the Day	0.56					
	Between 20 and 60% of the Day	0.68					
	Self Contained K-8 Seats (More than 60% of the day)	1.23					
Special Education	Self Contained 9-12 Seats (More than 60% of the day)	0.73/0.58					
	CTT K-8 Seats (More than 60% of the day)	2.28					-
	CTT K Seats (More than 60% of the day)	2.28			-	-	
	CTT 1-8 Seats (More than 60% of the day)	1.90			-	-	
	CTT 9-12 Seats (More than 60% of the day)	2.52/2.1	0.90	1.26	1.73	1.93	1.43
	CTE-Nursing	0.26					0.20
	CTE-Health/Trade/Technical	0.17					
	CTE-Business	0.12					
Portfolio Schools	CTE-Home Economics/Arts	0.05					
criodis	Specialized Academic	0.25	0.11	0.08	0.10	0.13	
	Specialized Audition	0.35					
	Transfer School	0.40					
lumber of Scho	ols in Sample		1,396	1,437	1,472	1,495	1,506
	ired		0.9858	0.9863	0.9876	0.9871	0.9928

Types of Students That Were Funded Significantly Above the Formula Weight							
			Implied Weights				
		FSF Formula Weights	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Crada Waidhta	Enrollment 6-8	1.08					
Grade Weights	Enrollment 9-12	1.03	1.16	1.15	1.12	1.11	1.08
	Poverty	0.24/0.12					
	Well Below Standards 4-5	0.40				14.52	8.33
	Below Standards 4-5	0.25					
Academic Intervention	Well Below Standards 6-8	0.50					
intervention	Below Standards 6-8	0.35					
	Well Below Standards 9-12	0.40					
	Below Standards 9-12	0.25					
English	ELL K-5	0.40					
Language Learner	ELL 6-8	0.50					
	ELL 9-12	0.50					
	Less Than 20% of the Day	0.56					
	Between 20 and 60% of the Day	0.68					
	Self Contained K-8 Seats (More than 60% of the day)	1.23	2.62	2.30	2.16	2.03	1.46
Connected	Self Contained 9-12 Seats (More than 60% of the day)	0.73/0.58	1.69				
Special Education	CTT K-8 Seats (More than 60% of the day)	2.28					
	CTT K Seats (More than 60% of the day)	2.28			-	-	
	CTT 1-8 Seats (More Than 60% of the day)	1.90					2.09
	CTT 9-12 Seats (More than 60% of the day)	2.52/2.1					
	CTE-Nursing	0.26					
	CTE-Health/Trade/Technical	0.17					
	CTE-Business	0.12			0.25	0.27	0.23
Portfolio Schools	CTE-Home Economics/Arts	0.05	0.19				
Schools	Specialized Academic	0.25					
	Specialized Audition	0.35					
	Transfer Schools	0.40					
Number of Scho	ols in Sample		1,396	1,437	1,472	1,495	1,506
Adjusted R-Squa	ared		0.9858	0.9863	0.9876	0.9871	0.9928
					-		

SOURCE: Analysis of Department of Education data on school-level Fair Student Funding allocations

NOTE: For weights that were revised in 2011-2012, the original weight is listed first and the revised weight is listed second.

		2008		2009	
			Standard		Standard
		Parameter	Error	Parameter	Error
	Intercept	463,532.4***	18,337.5	460,333.9***	1,6854.2
Crada Waighta	Enrollment K-5	3,663.7***	69.4	3,779.5***	62.9
Grade Weights	Enrollment 6-8	3,836.3***	65.3	3,790.9***	57.9
	Enrollment 9-12	4,236.6***	77.0	4,345.8***	68.4
	Poverty	278.6***	88.6	-22.2	83.4
	Well Below Standards 4-5	5,332.9	8,610.5	13,461.5	10,403.4
Academic	Below Standards 4-5	-5,152.7	6,722.6	-9756.0	8,307.4
Intervention	Well Below Standards 6-8	1,178.1*	700.5	1,725.1*	882.3
Weighta	Below Standards 6-8	-335.3	775.6	-1,989.2***	713.1
	Well Below Standards 9-12	701.3**	352.9	974.1***	322.6
	Below Standards 9-12	-440.0	423.6	-1,112.7***	362.5
	ELL K-5	1,297.5***	145.1	1,043.2***	132.8
ELL Weights	ELL 6-8	1,682.0***	327.9	1,711.6***	303.5
	ELL 9-12	1,362.0***	163.3	1,146.9***	146.1
	Less Than 20 percent of the Day	590.3	672.3	1,668.6***	607.6
	Between 20 and 60 percent of the Day	5,730.3**	2,816.0	4007.0	3,207.4
Special	Self Contained K-8 Seats (More than 60% of the day)	9,614.8***	444.0	8,703.9***	428.4
Education Weights	Self Contained 9-12 Seats (More than 60% of the day)	6,189.2***	817.4	4,150.5***	781.8
	CTT K-8 Seats (More than 60% of the day)	8,606.6***	512.7	8,274.1***	455.6
	CTT 9-12 Seats (More than 60% of the day)	3,287.9***	969.9	4,775.0***	785.2
	CTE-Nursing	519.8	468.3	1,002.0	1,147.7
	CTE-Health/Trade/Technical	666.8***	86.9	650.7***	86.0
	CTE-Business	513.0*	275.0	457.9	3,38.3
Portfolio Weights	CTE-Home Economics/Arts	688.4***	235.4	383.9**	171.1
weights	Specialized Academic	402.0***	92.9	307.2***	82.3
	Specialized Audition	1,299.6***	138.2	1,181.5***	129.1
	Transfer Schools	1,418.2***	183.0	1,371.7***	162.1
2012 Only: Special	Kindergarten Seats (More than 60% of the day)			-	
Education CTT Weights	1-8 Seats (More Than 60% of the day)			_	_
Adjusted R-squa		0.9858		0.9863	

SOURCE: Analysis of Department of Education data on school-level Fair Student Funding allocations NOTE: *p<0.10, **p<0.05, ***p<0.01

Regression Result	ts, Part II				
		2010		2011	
		Parameter	Standard Error	Parameter	Standard Error
	Intercept	345,577.6***	13,019.5	385,106.2***	1,2817.7
	Enrollment K-5	3,130.3***	48.9	30,41.8***	49.8
Grade Weights	Enrollment 6-8	3,187.2***	45.1	3,112.6***	44.3
	Enrollment 9-12	3,516.6***	51.1	3,370.8***	44.4
	Poverty	70.5	65.0	153.4**	64.2
	Well Below Standards 4-5	1,,4712.6	12,133.1	4,4180.8**	21,762.2
	Below Standards 4-5	-4908.6	10,015.5	-11,338.8	12,353.4
Academic Interven- tion Weights	Well Below Standards 6-8	1,238.5	991.2	1,921.4	1,317.2
don weights	Below Standards 6-8	-1,512.6**	653.3	-2,001.6***	699.1
	Well Below Standards 9-12	580.5*	329.1	445.1	384.9
	Below Standards 9-12	-506.1*	300.9	-286.2	316.0
	ELL K-5	902.1***	103.9	1,066.2***	100.5
ELL Weights	ELL 6-8	1,138.4***	233.6	1,150.5***	216.9
	ELL 9-12	951.6***	117.4	1,127.8***	109.9
	Less Than 20 percent of the Day	1,099.0**	494.6	1,495.7***	509.4
	Between 20 and 60 percent of the Day	4136.0	2,994.6	4723.5	3,050.9
Special Education	Self Contained K-8 Seats (More than 60% of the day)	6,751.8***	338.1	6,186.7***	343.2
Weights	Self Contained 9-12 Seats (More than 60% of the day)	2,778.9***	611.3	2,138.5***	548.1
	CTT K-8 Seats (More than 60% of the day)	6,714.4***	349.9	7067.6***	344.7
	CTT 9-12 Seats (More than 60% of the day)	5,404.2***	569.9	5,866.1***	542.2
	CTE-Nursing	-966.1	923.5	510.1	319.9
	CTE-Health/Trade/Technical	510.5***	59.3	528.9***	60.3
	CTE-Business	795.5***	166.8	807.5***	168.3
Portfolio Weights	CTE-Home Economics/Arts	-76.4	201.2	153.3	186.1
	Specialized Academic	323.0***	61.6	401.9***	55.5
	Specialized Audition	1,015.3***	99.3	1,038.7***	95.2
	Transfer Schools	1,221.4***	123.3	1,179.5***	130.0
2012 Only: Special Education CTT	Kindergarten Seats (More than 60% of the day)		-	-	-
Weights	1-8 Seats (More than 60% of the day)	<u></u>			
Adjusted R-squared		0.9876		0.9871	

SOURCE: Analysis of Department of Education data on school-level Fair Student Funding allocations NOTE: *p<0.10, **p<0.05, ***p<0.01

Regression Results, Part III				
		2012		
		Parameter	Standard Error	
	Intercept	361,527.0***	11,028.8	
	Enrollment K-5	3,564.5***	43.9	
Grade Weights	Enrollment 6-8	3,863.9***	45.6	
	Enrollment 9-12	3,835.7***	50.0	
	Poverty	-16.6	56.2	
	Well Below Standards 4-5	2,9708.4***	9,787.4	
	Below Standards 4-5	-16465.4***	5,914.0	
Academic Intervention Weights	Well Below Standards 6-8	1,454.8***	445.5	
Weights	Below Standards 6-8	-1365.3***	514.3	
	Well Below Standards 9-12	608.0***	178.4	
	Below Standards 9-12	528.9**	264.3	
	ELL K-5	1,172.7***	89.7	
ELL Weights	ELL 6-8	1,286.1***	168.4	
	ELL 9-12	1,274.7***	94.8	
	Less than 20 percent of the Day	1,840.3***	482.6	
	Between 20 and 60 percent of the Day	3756.0	2,845.5	
Special Education Weights	Self Contained K-8 Seats (More than 60% of the day)	5,220.7***	284.6	
Special Education Weights	Self Contained 9-12 Seats (More than 60% of the day)	2,021.4***	473.7	
	CTT K-8 Seats (More than 60% of the day)	-		
	CTT 9-12 Seats (More than 60% of the day)	5,104.5***	426.5	
	CTE-Nursing	713.6***	93.2	
	CTE-Health/Trade/Technical	593.5***	69.9	
	CTE-Business	802.6***	157.9	
Portfolio Weights	CTE-Home Economics/Arts	-446.2	281.6	
	Specialized Academic	827.1***	56.7	
	Specialized Audition	1,188.5***	84.0	
	Transfer Schools	1,518.9***	123.4	
2012 Only: Special	Kindergarten Seats (More than 60% of the day)	5,550.3***	1,726.1	
Education CTT Weights	1-8 Seats (More than 60% of the day)	7,459.6***	332.4	
Adjusted R-squared		0.9928		

SOURCE: Analysis of Department of Education data on school-level Fair Student Funding allocations NOTE: *p<0.10, **p<0.05, ***p<0.01