Slide 1

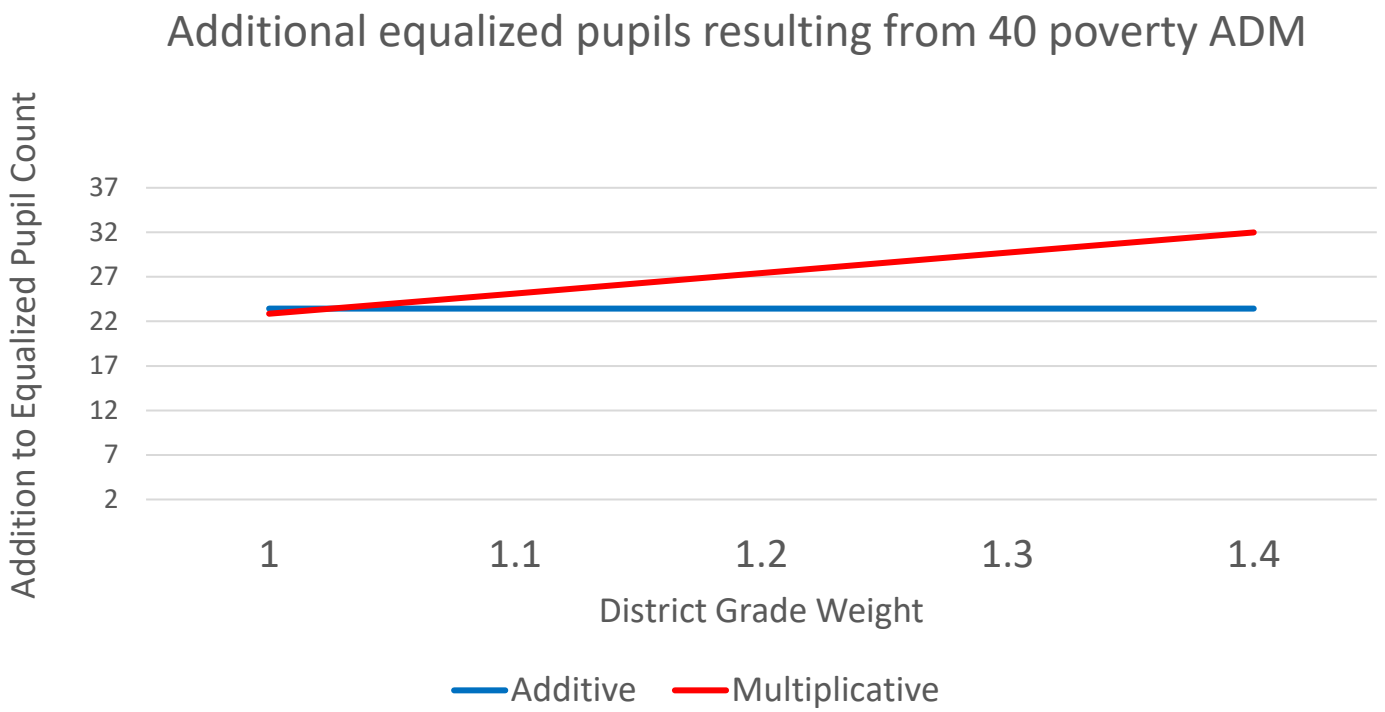
Additive v. Multiplicative Weights--Example

	Assumptions	Dist. 1 Elementary	Dist. 2 Secondary
1	ADM	200	200
2	Grade Weight	1	1.44
3	Poverty ADM	40	40
4	Poverty %	20%	20%
5	Poverty Weight	0.81	0.81

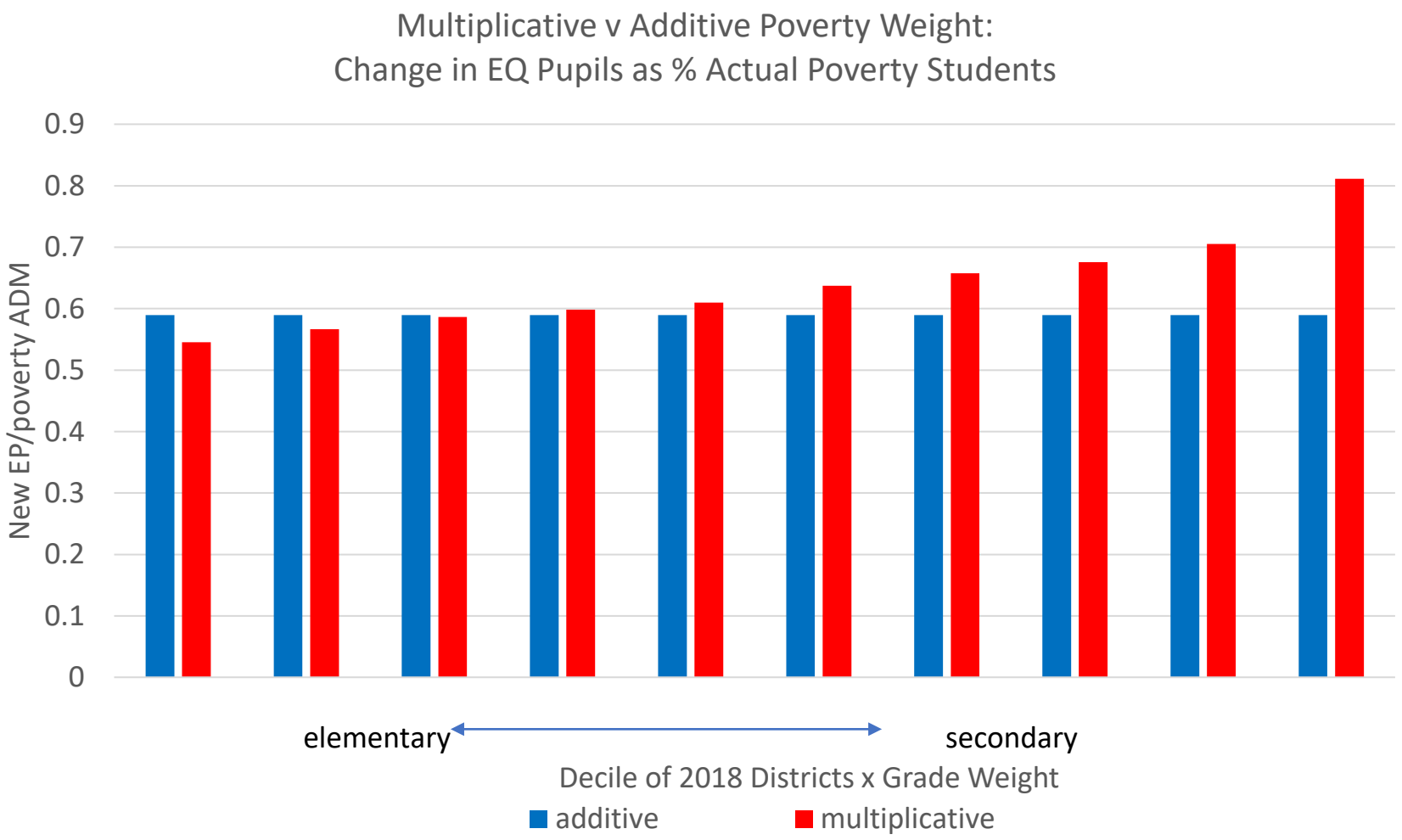
	Additive	Dist. 1 Elementary	Dist. 2 Secondary
6	Grade WTD (1x2)	200	288
7	Poverty WTD (1x4x5)	32.4	32.4
8	WTD Pupils (6+7)	232.4	320.4
9	EQ ratio	0.72	0.72
10	EQ pupils (8x9)	168.2	231.8

	Multiplicative	Dist. 1 Elementary	Dist. 2 Secondary
6	Grade WTD (1x2)	200	288
7	Poverty WTD (6x4x5)	32.4	46.7
8	WTD Pupils (6+7)	232.4	334.656
9	EQ ratio	0.71	0.71
10	EQ pupils (8x9)	163.9	236.1

Slide 2. Poverty Rate Addition to EQ Pupil Count Varies by Grade Weight and Additive v. Multiplicative: Conceptual

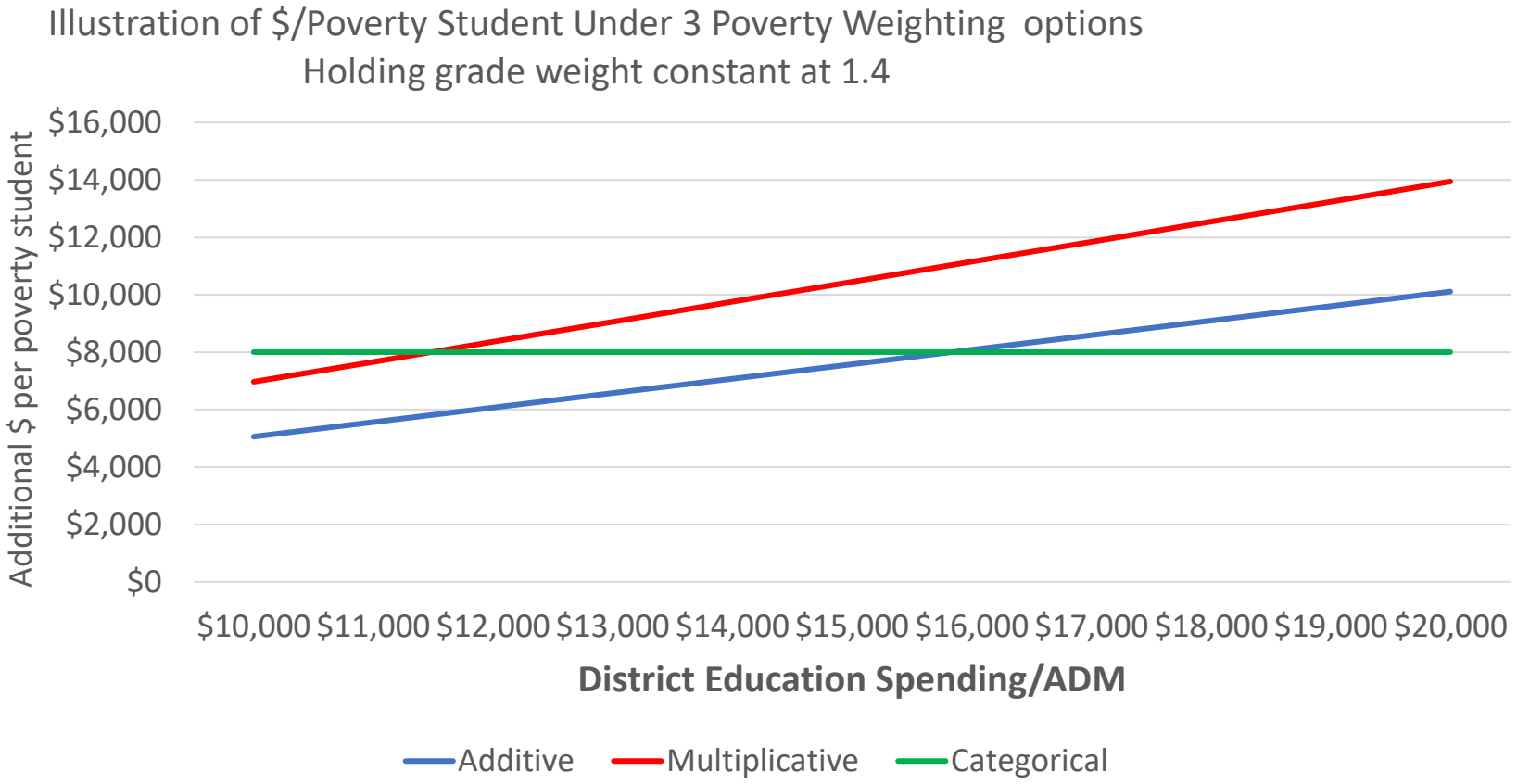


Slide 3. Poverty Rate Addition to EQ Pupil Count Varies by Grade Weight: 2018 Estimate

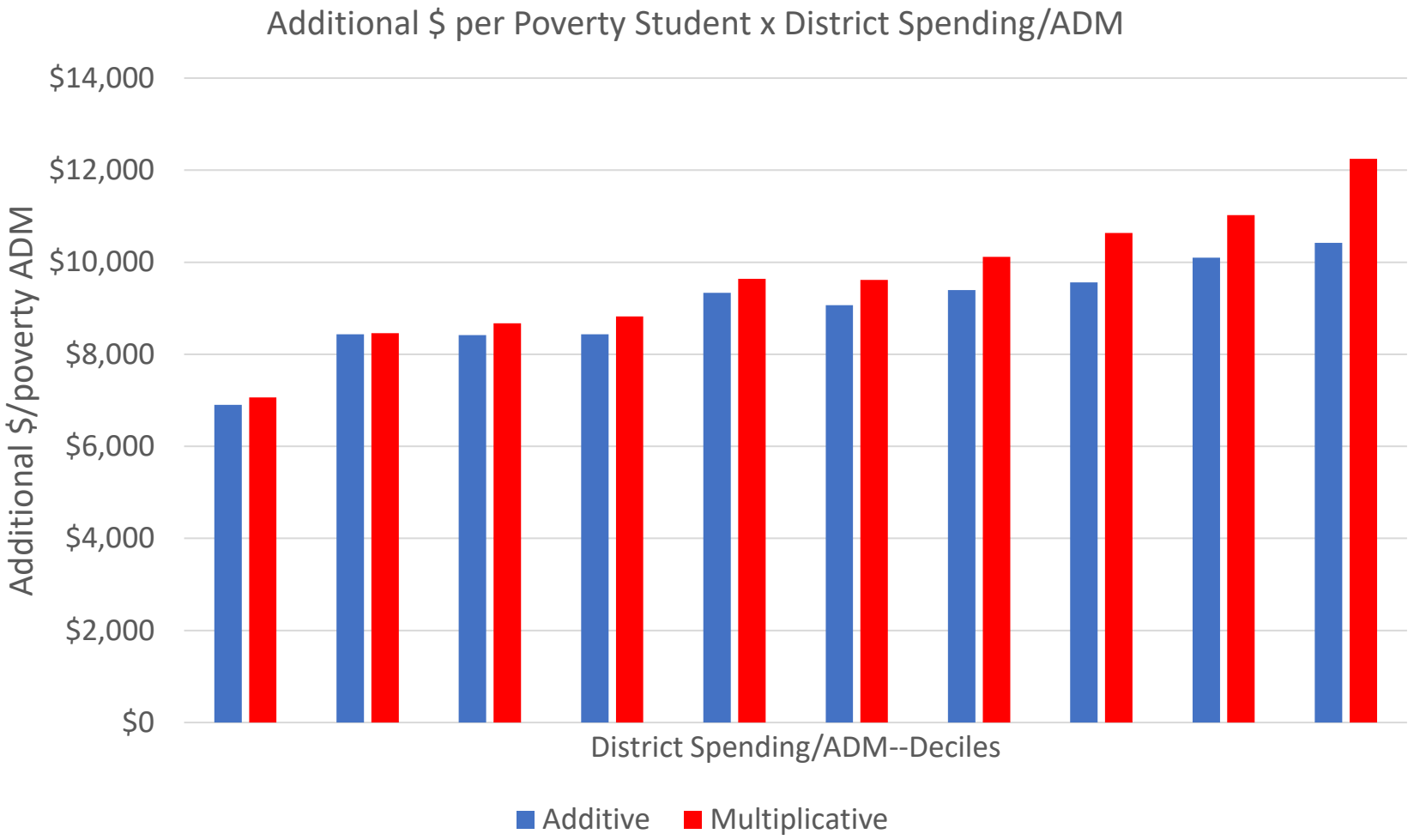


Slide 4.

Dollars per Poverty Student Vary by District Spending and by Type of Poverty Weight



Slide 5. Additional Poverty Spending Varies by District Spending and Additive v Multiplicative Poverty Weight



Slide 6. Application of Sample Weight Set to 2018 District Data

	1	2	3	4	5
	Weight	Cost	Pupils	Education Spending	% Education Spending
Base	1	$11,365	87,602	$995,566,143	74%
PK	-0.54	-$6,137	7,622	-$46,775,355	-3%
Middle	0.21	$2,387	18,586	$44,356,914	3%
High School	0.44	$5,000	22,798	$114,000,176	8%
Poverty	0.90	$10,237	18,713	$191,566,924	14%
Small School	0.22	$2,500	3,350	$8,375,748	1%
Sparsity 1	0.13	$1,477	12,052	$17,805,680	1%
Sparsity 2-3	0.06	$682	33,533	$22,865,450	2%