

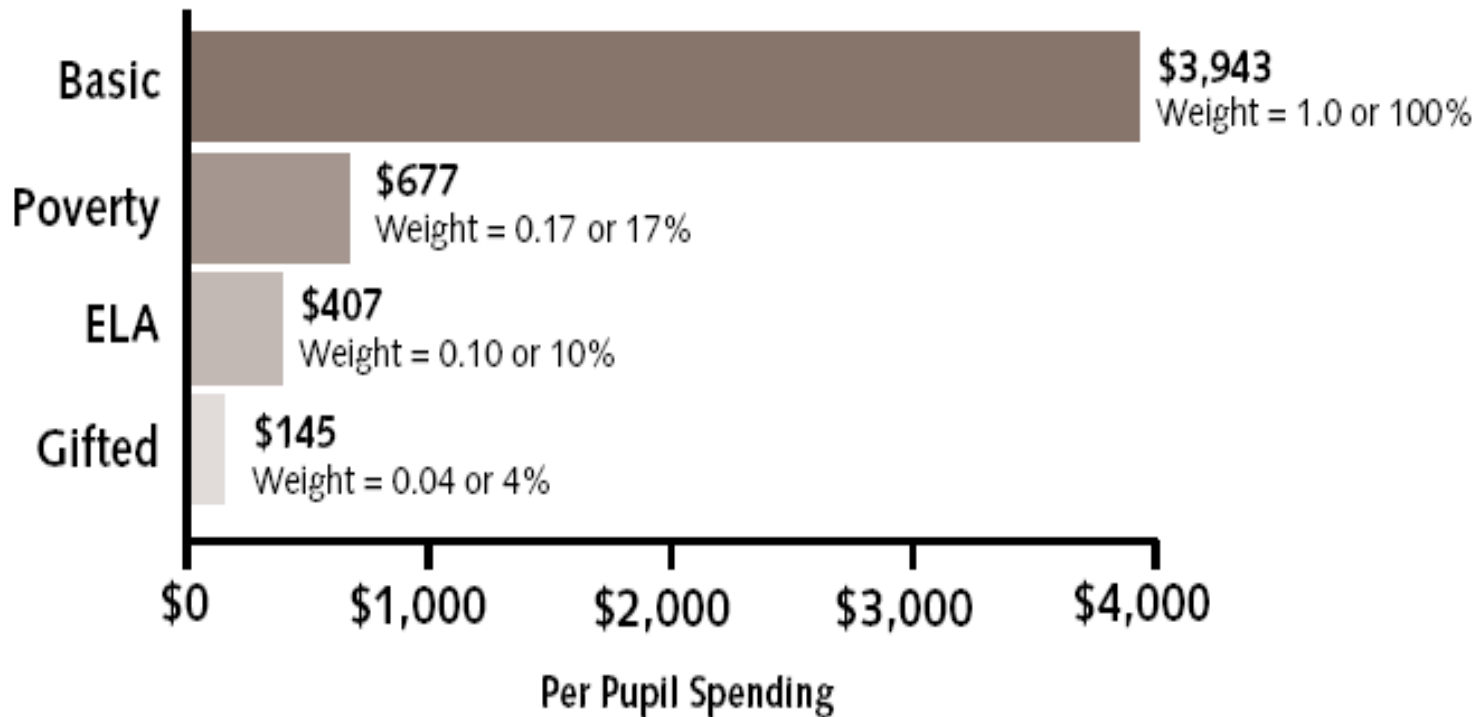
# WSF and NYC's FSF model

*Aug 4, 2022*

# Three models for how resources get to schools.



## Decentralized - Student Based Allocation (SBA) models



**Dollars** are allocated (not staff positions or other ingredients) **on the basis of students**. Students are weighted according to needs.

In contrast, traditional allocation practices (centralized model) distribute purchased schooling items (staff positions, supplies, books, etc.) to schools.

Funds then used to purchase labor, etc. at each school.



# Why SBA models are gaining traction in U.S.

- **Equity**
- Transparency
- Flexibility in resource use
- Accountability structures
- Financial sustainability
- Service-oriented central departments



## Some 30-40 districts use SBA/WSF

Atlanta Public Schools

Baltimore Public Schools

Boston Public Schools

Chicago Public Schools

Cleveland Metropolitan School District

Denver Public Schools

Hawaii Public Schools

Houston Independent School District

Indianapolis Public Schools

Metro Nashville Public Schools

Milwaukee Public School District

NYC Public Schools

Newark Public School District

Norwalk Public Schools

Orleans Parish Schools

Prince George's County Public Schools

San Francisco Unified School District

Shelby County Public Schools



<b>FSF Category Type of Pupil Need and Grade Span</b>	<b>Weights</b>	<b>FY 2023 Per Capita</b>
<b>Grade Weight - All Pupils: K-5</b>	<b>1</b>	<b>\$4,197.19</b>
<b>Grade Weight - All Pupils: 6-8</b>	<b>1.08</b>	<b>\$4,533.31</b>
<b>Grade Weight - All Pupils: 9-12</b>	<b>1.03</b>	<b>\$4,322.70</b>

<b>Academic Intervention - Poverty*</b>	<b>0.12</b>	<b>\$503.66</b>
<b>Academic Intervention - 4-5 Below</b>	<b>0.25</b>	<b>\$1,048.77</b>
<b>Academic Intervention - 6-8 Below</b>	<b>0.35</b>	<b>\$1,468.91</b>
<b>Academic Intervention - 9-12 Below</b>	<b>0.25</b>	<b>\$1,048.77</b>
<b>Academic Intervention - 4-5 Well Below</b>	<b>0.40</b>	<b>\$1,678.45</b>
<b>Academic Intervention - 6-8 Well Below</b>	<b>0.50</b>	<b>\$2,099.66</b>
<b>Academic Intervention - 9-12 Well Below</b>	<b>0.40</b>	<b>\$1,678.45</b>
<b>Academic Intervention - 9-12 Heavy Graduation Challenge OTC</b>	<b>0.40</b>	<b>\$1,678.45</b>



English Language Learner - K-5 Freestanding English as a New Language (ENL)	0.40	\$1,678.45
English Language Learner - 6-12 Freestanding English as a New Language (ENL)	0.50	\$2,099.66
English Language Learner - K-5 Bilingual	0.44	\$1,846.76
English Language Learner - 6-12 Bilingual	0.55	\$2,308.45
English Language Learner - K-5 Former ELL (Commanding)	0.13	\$545.63
English Language Learner - 6-12 Former ELL (Commanding)	0.12	\$503.66
English Language Learner - K-12 Student with Interrupted Formal Education (SIFE)	0.12	\$503.66

Special Education Programs – Low Intensity <=20% (SING)	0.56	\$2,350.68
Special Education Programs – Moderate Intensity 21% to 59% (MLT)	1.25	\$5,248.93
Special Education Programs - K-8 Less Inclusive >=60% (SC)	1.18	\$4,956.12
Special Education Programs - 9-12 Less Inclusive >=60% (SC)	0.58	\$2,451.51
Special Education Programs - K More Inclusive >=60% (ICT)	2.09	\$8,764.65
Special Education Programs - 1-12 More Inclusive >=60%	1.74	\$7,303.71
Special Education Programs - K-12 Post IEP Support	0.12	\$503.66



<b>Portfolio High Schools - CTE Tier 1</b>	<b>0.26</b>	<b>\$1,091.31</b>
<b>Portfolio High Schools - CTE Tier 2</b>	<b>0.17</b>	<b>\$713.71</b>
<b>Portfolio High Schools - CTE Tier 3</b>	<b>0.12</b>	<b>\$503.11</b>
<b>Portfolio High Schools - CTE Tier 4</b>	<b>0.05</b>	<b>\$209.54</b>
<b>Portfolio High Schools - Specialized Academic</b>	<b>0.25</b>	<b>\$1,048.77</b>
<b>Portfolio High Schools - Specialized Audition</b>	<b>0.35</b>	<b>\$1,468.91</b>
<b>Portfolio High Schools - Transfer - Heavy Graduation Challenge</b>	<b>0.40</b>	<b>\$1,678.45</b>
<b>Portfolio High Schools - Transfer - Regular Graduation Challenge</b>	<b>0.21</b>	<b>\$874.73</b>

## 4.2 Foundation

All schools receiving FSF, regardless of registers or type, will receive a lump-sum foundation of \$225,000. The dollars are not tagged to particular positions so that schools, rather than central administration, determine whether they need more or less core administrative staff, teachers, or other services. Schools can finance additional administrative staff using resources from the per-student allocations, other allocations such as parent coordinators, and other programmatic supports provided on a per-school basis.





# Boston Public Schools FY2014

<b>Grade</b>		
Grades K0-K1	1.80	\$ 6,611
Grade K2	1.60	\$ 5,877
Grades 1-2	1.40	\$ 5,142
Grades 3-5	1.30	\$ 4,775
Grades 6-8	1.40	\$ 5,142
Grades 9-12	1.30	\$ 4,775
<b>Students with Disabilities</b>		
Low severity	1.00	\$ 3,673
Moderate severity	1.40	\$ 5,142
<b>High Severity</b>		
Autism	4.30	\$ 15,794
Developmental Delay	6.00	\$ 22,038
Early Childhood Ages 3-4	3.20	\$ 11,754
Early Childhood Ages 5-6	3.00	\$ 11,019
Emotional Impairment	4.30	\$ 15,794
Full Inclusion - High Complexity	4.30	\$ 15,794
Intellectual Impairment	1.60	\$ 5,877
Multiple Disabilities	4.30	\$ 15,794
Physical Impairment	4.30	\$ 15,794
Sensory Impairment - Vision	3.00	\$ 11,019
Specific Learning Disability	1.60	\$ 5,877

<b>English Language Learners</b>		
K0-K5 ELD Levels 1-3	0.09	\$ 331
6-8 ELD Levels 1-3	0.33	\$ 1,212
9-12 ELD Levels 1-3	0.43	\$ 1,579
All Grades ELD Levels 4-5	0.02	\$ 73
<b>Students with Interrupted Formal Education (SIFE)</b>		
Grades 4-5 SIFE	0.50	\$ 1,837
Grades 6-8 SIFE	0.84	\$ 3,085
Grades 9-12 SIFE	0.94	\$ 3,453
<b>High Risk Students</b>		
9th Grade	0.20	\$ 735
<b>Poverty</b>		
Free and Reduced Lunch	0.10	\$ 367
Poverty Concentration ( $\geq 60\%$ )	0.10	\$ 367
<b>Vocational Students</b>	1.00	\$ 3,673



Outcomes 3-8 Avg...

New York FY18-19 Expenditures vs. Outcomes

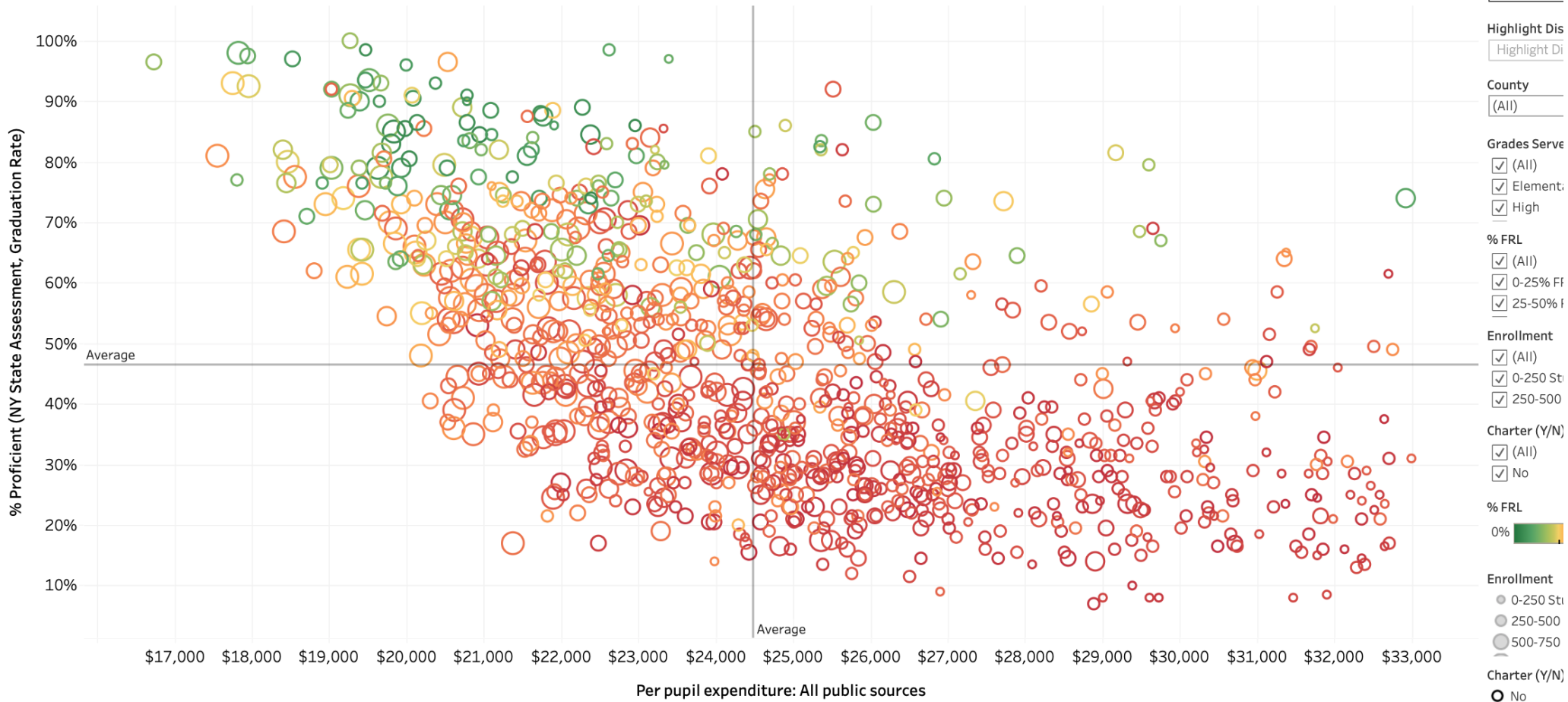


Table A1: Full results of progressivity analyses, WSF districts and matched comparison districts

WSF district	Progressivity (\$)	Progressivity (%)	Comparison district	Progressivity (\$)	Progressivity (%)
Atlanta Public Schools	\$400	3.6%	Savannah-Chatham County Public School System	\$67	0.8%
Baltimore City Public Schools	\$211	1.8%	Wicomico County Public Schools	\$154	1.2%
Boston Public Schools	\$196	1.9%	Worcester Public Schools	\$82	1.3%
Chicago Public Schools	\$491	6.3%	SD U-46 (Elgin)	-\$83	-1.1%
Cleveland Metropolitan School District	\$262	2.2%	Columbus City Schools	\$194	1.5%
Denver Public Schools	\$1,485	19.6%	Aurora Public Schools	\$405	5.8%
Douglas County School District	\$217	2.7%	Adams 12 Five Star Schools	\$334	4.5%
Houston Independent School District	\$384	6.6%	Dallas Independent School District	\$49	0.7%
Indianapolis Public Schools	\$93	1.4%	Fort Wayne Community Schools	\$119	2.1%
Jefferson County School District	\$254	3.6%	Cherry Creek School District	\$396	4.5%
Milwaukee School District	\$377	4.6%	Madison Metropolitan School District	\$568	5.5%
Metro Nashville Public Schools	\$101	1.4%	Hamilton County Schools	\$156	2.5%
Newark Public School District	\$818	5.30%	Elizabeth School District	\$191	1.70%
Norwalk School District	\$296	-2.1%	Danbury Public Schools	-\$89	-1.1%
New York City Department of Education	\$1,186	8.2%	Buffalo Public Schools	\$572	5.6%

Full study available at

[https://edunomicslab.org/wp-content/uploads/2022/03/Edunomics-Lab-Working-Paper\\_Do-Districts-Using-Weighted-Student-Funding-Formulas-Deliver-More-Dollars-to-Low-Income-Students.pdf](https://edunomicslab.org/wp-content/uploads/2022/03/Edunomics-Lab-Working-Paper_Do-Districts-Using-Weighted-Student-Funding-Formulas-Deliver-More-Dollars-to-Low-Income-Students.pdf)

NYC's FSF formula is "progressive" in that low income students attend schools that receive, on average \$1,186 more per pupil than attended by students who are not from low income families.



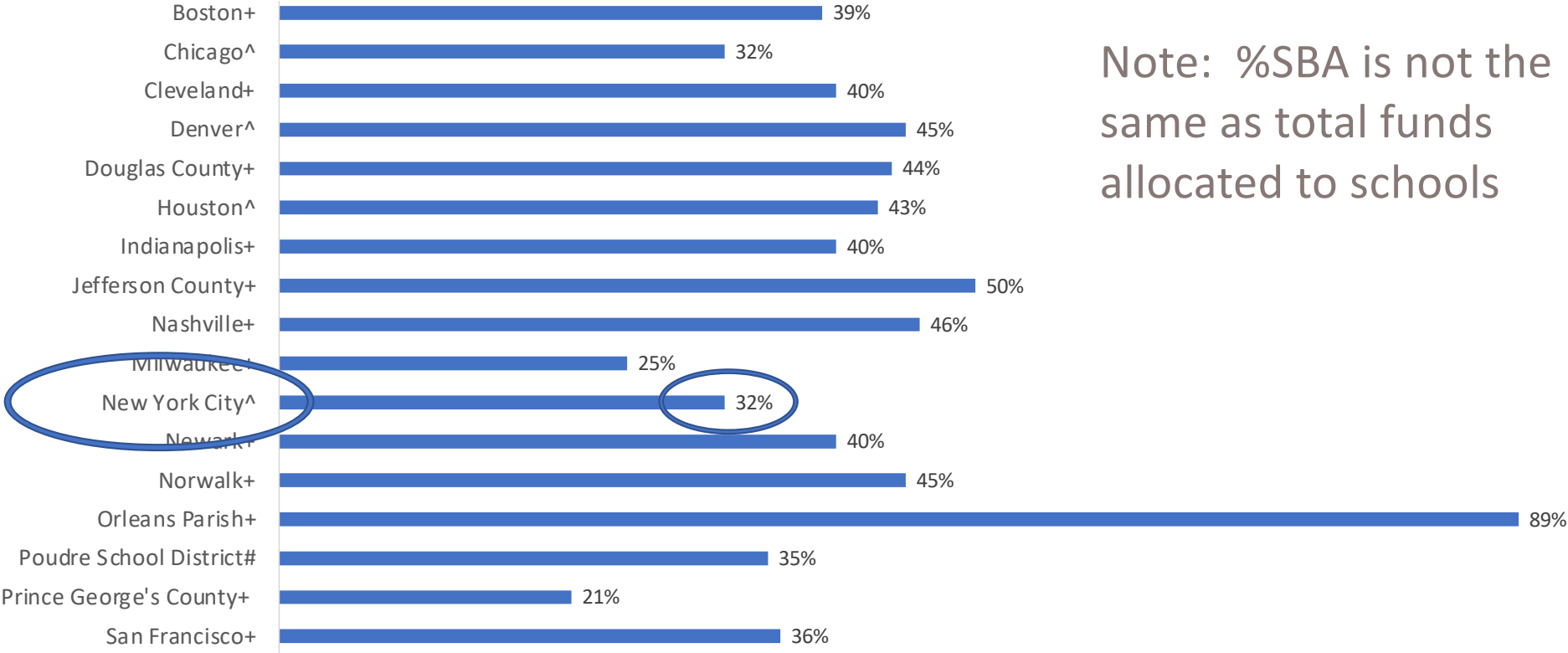
## Key implementation Issues

- Ensuring schools have the flexibility they need
- How much of the district's money goes into the formula?
- Real vs Average salaries
- Communication/transparency
- Low enrollment schools
- Principal training



# Districts formulas vary on % of the district's total funds allocated via the weighted student formula

Note: %SBA is not the same as total funds allocated to schools



THANK YOU!

Marguerite Roza: [MR1170@georgetown.edu](mailto:MR1170@georgetown.edu)  
[@MargueriteRoza](https://twitter.com/MargueriteRoza)

Interactive scatterplots: [edunomicslab.org/spending-v-outcomes/](https://edunomicslab.org/spending-v-outcomes/)

Research on WSF and equity: [edunomicslab.org/wp-content/uploads/2022/03/Edunomics-Lab-Working-Paper\\_Do-Districts-Using-Weighted-Student-Funding-Formulas-Deliver-More-Dollars-to-Low-Income-Students.pdf](https://edunomicslab.org/wp-content/uploads/2022/03/Edunomics-Lab-Working-Paper_Do-Districts-Using-Weighted-Student-Funding-Formulas-Deliver-More-Dollars-to-Low-Income-Students.pdf)

Landscape analysis of WSF [edunomicslab.org/2020/12/07/taking-stock-of-principals-role-in-wsf-districts-2/](https://edunomicslab.org/2020/12/07/taking-stock-of-principals-role-in-wsf-districts-2/)

Certificate in education finance: <https://mccourt.georgetown.edu/executive-education/certificate-in-education-finance-cef/>

