

## FY 2016 Fair Student Funding Glossary

### **Fair Student Funding Formula Detail**

The Fair Student Funding (FSF) Formula is driven by the projected register for the upcoming school year and has three basic computational components: the “grade weight,” the “needs weight” and the “portfolio weight.” The sum of these comprises a school’s FSF register formula.

[Grade Weight Per Capitas x Registers] + [Needs Weight Per Capitas x Registers] + [Portfolio Weight Per Capitas x Registers]	=	FSF Register Formula
[FSF Register Formula] + [FY 2016 Foundation] + [System-wide Teacher Salary Change for Projected Weighted Register]	=	<b>FY 2016 Fair Student Funding Formula at 100%</b> excluding collective bargaining

For a detailed description of the grade, needs and portfolio weight computations, the foundation, and the funding for Teacher Salary Change, please refer to the Fair Student Funding Reference Guide. The formula amount is shown as a point of reference for all schools.

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### Fair Student Funding Calculation Columns

?	Fair Student Funding Formula Details	AA	BB	CC	DD	EE DD * BB	FF DD - CC	GG FF * BB
?	Fair Student Funding Weighted Register Formula	?	?	?	FY 2016 Projected		Register Change	
		?	?	?	?	?	?	?
		?	?	?	?	?	?	?

Term	Definition
Fair Student Funding Weighted Register Formula	The Fair Student Funding formula for FY 2016 is based on the school's student register and the makeup of its population.
FY 2016 Weight	Weights reflect evidence-based judgments about the fairest levels of funding for students across New York City. They are designed to meet the needs of students, with higher weights in grades and for students who need the greatest support, and reflect fair, objective criteria that can be applied across schools.  Weights encourage success by allowing schools to get or keep resources when they are successful at improving student achievement.
FY 2016 Per Capita without Funding for System-wide Teacher Salary Change	The per capita represents a base per student funding amount allocated for school services. It is multiplied by the weights in the Fair Student Funding formula.
FY 2015 Actual Registers	Mid-year adjustments were made for grade-level and portfolio weights based on audited October 31, 2014 registers. For special education needs, December 31, 2014 data is used.  The Academic Intervention and ELL registers are based on test score data for pupils from the prior year.
FY 2016 Projected Register	Projected registers for Fiscal Year 2016 are generated based on historical enrollment trends for existing schools and enrollment targets for new schools. Principals work with the Office of Student Enrollment and their school support team to project their registers using a web-based projected register tool. These projections are the basis for preliminary funding for general education and special education students at a specific school.  NOTE: ELL and Academic Intervention Weights are based on prior year actual registers rather than projected registers.
FY 2016 Formula	Represents the total preliminary funding for this category after multiplying the projected register by the FY 2016 per capita before Funding for System-wide Teacher Salary Change, if any.
Register Change	Represents the change in register (FY 2016 Projected Registers – FY 2015 Actual Registers) for this category.
Register Change Formula	Represents the change in funding for this category.

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Fair Student Funding Weighted Register Entitlement

Term	Definition
<b>Fair Student Funding Weighted Register Entitlement</b>	<b>The revised Fair Student Funding formula for FY 2016 is based on the school's student register and the makeup of its population.</b>
Grade Weight	Every student receives a grade weight determined by his or her grade level. Middle school students receive the largest weights because these students are most at risk for declining achievement. Schools with non-traditional grade configurations receive their base weight funding in more than one grade span category.
Need Weight	In addition to the grade weight, schools will receive additional funding based upon students' needs. Students are eligible for need-based weights based on poverty (entry grade before 4th), achievement (entry grade 4th or later), English language learner status, and special education needs.
Academic Intervention	<p>Academic Intervention weights are intended to meet the needs of students, with higher weights for students who need the greatest academic support.</p> <p><b>Poverty Weight</b> For schools beginning before 4th grade, poverty is used as a proxy for low academic achievement. Students qualify for the poverty weight if they qualify for Title I. Schools receive the poverty weight for all eligible pupils, even if the school does not meet the borough cut-offs for determining school Title I status.</p> <p><b>Achievement Weights</b> At schools beginning in 4th grade or later, students receive additional weights based on their test score data upon entering the school follows:</p> <ul style="list-style-type: none"> <li>• "Well Below Standards" weights are assigned if students score Level 1 on both the New York State's English Language Assessment and math exams; or Level 1 on one exam and Level 2 on the other;</li> <li>• "Below Standards" weights are used for students who scored Level 2 on both exams; or Level 1 on one exam and a Level 3 or 4 on the other.</li> </ul> <p><b>Heavy Graduation Challenge OTC</b> An Over-age, under-credited, over-the-counter needs weight is included under this category of Academic Intervention to better support high school students with significant graduation challenges.</p> <p>Over-the-counter students are students admitted between July and October who do not go through the High School Admissions process.</p> <p>Additional information on FSF AIS funding eligibility is available in the FY 2016 FSF Guide.</p>
English Language Learners	Students are eligible for this weight based on results of the Home Language Survey and the New York State English as a Second Language Achievement test (NYSESLAT). Students in higher grades receive slightly more funding because of the additional requirements of specialized instruction.

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Special Education	<p>Schools receive per-student funding based on the number of periods of special education services that a student requires per day according to his or her Individualized Education Plan (IEP).</p> <ul style="list-style-type: none"> <li>• The "<b>Less than or equal to 20</b>" and "<b>Between 21% and 59%</b>" categories generally covers Special Education Teacher Support Services (SETSS) and multiple SETSS, and part-time Integrated Co-Teaching (ICT) services.</li> <li>• In "<b>Greater than or equal to 60%</b>" categories, funding is allocated for "filled" seats and covers self-contained and ICT.</li> </ul> <p>Special education students are also eligible for the poverty, academic intervention, and English language learner weights.</p>										
Portfolio	<p>Students at the high school level are provided with a portfolio of different education models, including career and technical education, specialized academic, specialized audition, and transfer schools. Students attending these schools are eligible for additional funding.</p> <p>There are two transfer schools weights in the Portfolio category, are the heavy challenge weight is for students enrolled at transfer schools with significant graduation challenges. The regular challenge weight is for all other transfer school students. See below chart for the definition of heavy graduation challenged.</p> <table border="1"> <thead> <tr> <th>Age</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>Less than 11 credits</td> </tr> <tr> <td>17</td> <td>Less than 22 credits</td> </tr> <tr> <td>18</td> <td>Less than 33 credits</td> </tr> <tr> <td>19-21</td> <td>Less than 44 credits</td> </tr> </tbody> </table>	Age	Credits	16	Less than 11 credits	17	Less than 22 credits	18	Less than 33 credits	19-21	Less than 44 credits
Age	Credits										
16	Less than 11 credits										
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Total Fair Student Funding Weighted Register And Formula	<p>The Fair Student Funding Weighted Register and Formula is the sum of each calculated item in the Fair Student Funding Formula.</p>										
Adjustment for System-wide Teacher Salary Change at 100% of FSF	<p>The Fair Student Funding per capita reflects the cost of education based on the system-wide average teacher salary. This amount reflects the system-wide impact of the average teacher salary variance from FY 2015 to FY 2016, excluding collective bargaining , which is incorporated separately.</p> <p>For FY 2016, attrition and new staff hires, which start at a lower salary, exceeded increases in teacher salaries due to steps and increments.</p> <p>The net adjustment of -\$18.17 to the per capita weights in FY 2016 is based on the system-wide impact of the average teacher salary change from FY 2015 to FY 2016, divided by the system-wide projected weighted register.</p> <p>The <b>Adjustment for System-wide Teacher Salary Change at 100% of FSF</b> equally apportions this amount to every school based on their projected weighted register.</p>										
FY 2016 Foundation	<p>All schools receiving Fair Student Funding, regardless of size or type, receive a lump-sum foundation of \$225,000 to cover administrative overhead such as the cost of a principal, school secretary, and basic support services.</p>										
FY 2016 Fair Student Formula at 100% excluding collective bargaining	<p>The detailed calculations for the formula are shown in the FSF detail page. The formula amount is shown as a point of reference for all schools.</p>										

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Walk Through From Fair Student Funding Weighted Register Formula to Preliminary Allocation

Term	Definition			
FY 2015 Revised Base Allocations	<p>The FY 2015 Revised Base Allocation is based on three components:</p> <ul style="list-style-type: none"> <li>• TL Fair Student Funding [row a] + TL 09 C4E CTT. [row b] The final FY 2015 actual is based on aligning the Initial FY 2015 Fair Student Funding allocation with actual October 31st registers for the Grade and Portfolio Weight &amp; December 31st registers for Special Education Needs. No adjustments are made to the ELL and Academic Intervention Weights. In reconciling the Galaxy FSF budget, one time adjustments such as school-to-school transfers for shared services, Deferred Program Planning Initiative removals, and other types of set-asides that may have been removed from school budgets are restored.</li> <li>• TL Funds over Formula (FOF) [row c] Schools that historically received a Fair Student Funding base allocation that exceeded the schools entitlement have the excess amounts (<i>greater than 100% of formula</i>) placed in a discrete allocation category.</li> </ul>			
Weighted Register Change	<p>This represents the adjustment for year over year change to the weighted per-pupil register.</p> <p>The Adjustment for Register Change is calculated as follows:</p> <table border="1"> <tr> <td> <math display="block">\frac{(\text{FY 2016 projected registers} - \text{FY 2015 actual registers})}{\text{FY2016 Weight for the relevant FSF category}}</math> </td> <td>=</td> <td>Weighted Register Change</td> </tr> </table>	$\frac{(\text{FY 2016 projected registers} - \text{FY 2015 actual registers})}{\text{FY2016 Weight for the relevant FSF category}}$	=	Weighted Register Change
$\frac{(\text{FY 2016 projected registers} - \text{FY 2015 actual registers})}{\text{FY2016 Weight for the relevant FSF category}}$	=	Weighted Register Change		
Adjustment for Register Change	<p>This represents the adjustment for year over year change to the weighted per-pupil register. This amount excludes collective bargaining and the FY 2016 system-wide teacher salary change, which is shown separately.</p> <p>The Adjustment for Register Change is calculated as follows:</p> <table border="1"> <tr> <td> <math display="block">\frac{\text{Weighted Register Change} * \\$ 4,122.55 * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.}}</math> </td> <td>=</td> <td><b>Adjustment for Register Change</b></td> </tr> </table>	$\frac{\text{Weighted Register Change} * \$ 4,122.55 * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.}}$	=	<b>Adjustment for Register Change</b>
$\frac{\text{Weighted Register Change} * \$ 4,122.55 * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.}}$	=	<b>Adjustment for Register Change</b>		
Collective Bargaining for Register Change	<p>This represents the adjustment for year over year change to the weighted per-pupil register. This amount is only for collective bargaining and excludes the FY 2016 system-wide teacher salary change, which is shown separately.</p> <table border="1"> <tr> <td> <math display="block">\frac{\text{Weighted Register Change} * [\text{CB Rate}] * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The collective bargaining (cb) rate is the system-wide FY 2016 collective bargaining needs divided by the system-wide weighted register.}}</math> </td> <td>=</td> <td><b>Collective Bargaining for Register Change</b></td> </tr> </table>	$\frac{\text{Weighted Register Change} * [\text{CB Rate}] * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The collective bargaining (cb) rate is the system-wide FY 2016 collective bargaining needs divided by the system-wide weighted register.}}$	=	<b>Collective Bargaining for Register Change</b>
$\frac{\text{Weighted Register Change} * [\text{CB Rate}] * \text{FSF Preliminary \% (capped at 100\%)}}{\text{The collective bargaining (cb) rate is the system-wide FY 2016 collective bargaining needs divided by the system-wide weighted register.}}$	=	<b>Collective Bargaining for Register Change</b>		
Base-lined Collective Bargaining FY 2016 Costs for FY 2015 Staffing	<p>Schools receive additional collective bargaining costs associated with the school's FY 2015 staffing levels. FY 2015 staff includes staff on school payroll as well as Per-Diem, Per-Session, Prep Period Coverage and F status.</p>			

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<p>System-wide Teacher Salary Change for Projected Weighted Register</p>	<p>The Fair Student Funding per capita reflects the cost of education based on the system-wide average teacher salary. This amount reflects the system-wide impact of the average teacher salary variance from FY 2015 to FY 2016, excluding collective bargaining , which is incorporated separately.</p> <p>For FY 2016, attrition and new staff hires, which start at a lower salary, exceeded increases in teacher salaries due to steps and increments.</p> <p>The net adjustment of -\$18.17 to the per capita weights in FY 2016 is based on the system-wide impact of the average teacher salary change from FY 2015 to FY 2016, divided by the system-wide projected weighted register.</p> <p>When there is an average teacher salary increase, additional dollars are distributed at 100% of formula. When there is a decrease it is distributed in relation to the Preliminary FSF Funding Percent, capped at 100%.</p> <p>The <b>System-wide Teacher Salary Change for Projected Weighted Register</b> is calculated as follows:</p> <table border="1"> <tr> <td> <p>FY 2016 Projected Weighted Register * -\$18.17 * FSF Preliminary % (capped at 100%)</p> </td> <td style="text-align: center;"> <p>=</p> </td> <td> <p><b>System-wide Teacher Salary Change for Projected Weighted Register</b></p> </td> </tr> <tr> <td colspan="3"> <p>The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.</p> </td> </tr> </table>	<p>FY 2016 Projected Weighted Register * -\$18.17 * FSF Preliminary % (capped at 100%)</p>	<p>=</p>	<p><b>System-wide Teacher Salary Change for Projected Weighted Register</b></p>	<p>The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.</p>		
<p>FY 2016 Projected Weighted Register * -\$18.17 * FSF Preliminary % (capped at 100%)</p>	<p>=</p>	<p><b>System-wide Teacher Salary Change for Projected Weighted Register</b></p>					
<p>The Preliminary FSF Funding Percent represents FY 2015 school percent of formula after Mid-Year Register adjustment.</p>							
<p>FY 2016 New School Foundation</p>	<p>All schools receiving Fair Student Funding, regardless of size or type, receive a lump-sum foundation of \$225,000 to cover administrative overhead such as the cost of a principal, school secretary, and basic support services. This row accounts for such funds for schools newly opened in FY 2016. Existing schools already have this amount included in their base.</p>						
<p>Adjustments to Change School's FSF Funding Percent</p>	<p>Additional Adjustments to Change School's FSF Funding Percent are based on the following:</p> <ul style="list-style-type: none"> <li>• All Renewal Schools, Community Schools and Persistently Failing Schools were raised to a minimum of 92%.</li> <li>• All other schools were raised to a minimum of 82.0 %</li> </ul>						
<p>FY 2016 Initial Fair Student Funding Preliminary Allocation</p>	<p>The FY 2016 Initial FSF Funds are allocated in Galaxy in four allocation categories: TL Fair Student Funding (HS); TL 09 C4E CTT; TL Fair Student Funding Intensive Support and TL Funds over Formula (HS) <i>(amount exceeding 100% of formula)</i></p>						
<p>Final FSF Percent of Formula</p>	<p>The <b>FY 2016 Final Percent of Formula</b> is based on the quotient of (FY 2016 Fair Student Funding Preliminary Allocation - Collective Bargaining for register change - Base-lined FY 2016 Collective Bargaining - FY 2016 foundation of \$225,000 + Funding Adjustment ) and (FY 2016 Fair Student Funding Formula at 100% - the FSF foundation of \$225,000)</p>						