



# Becoming Future Ready: Where We've Been Where We Are Where We're Going

Presented by:

**Ryan Ruf**

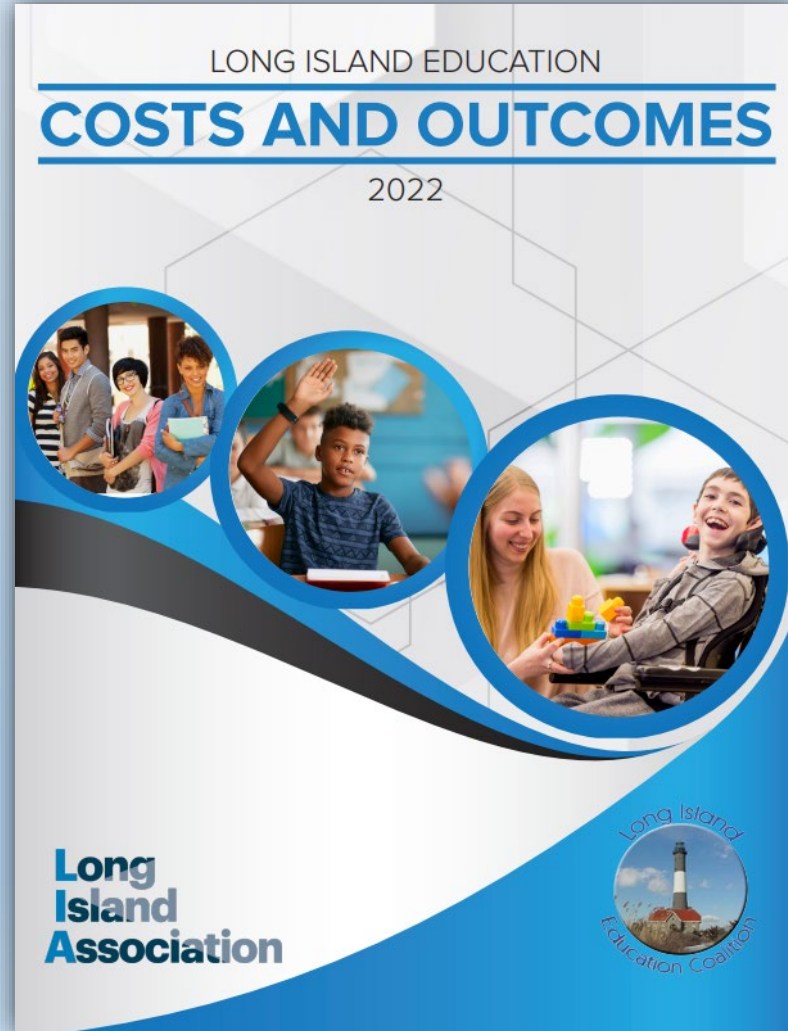
Eastern Suffolk BOCES Chief Operating Officer

February 4, 2023  
Longwood Legislative Breakfast

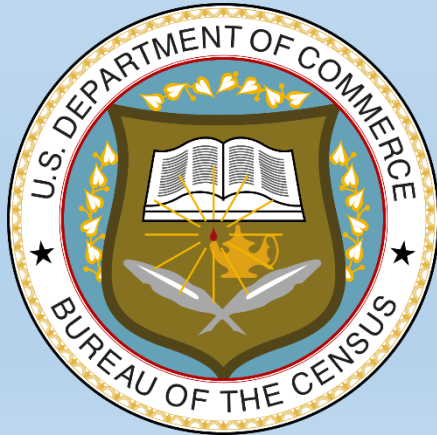
# Overview

- New York State & Long Island Census Data
- Long Island Student Demographics
- Assessments Performance & Outcomes
- Fiscal Status and Future Outlook
- Planning for the Future: Connecting with our Legislative Priorities

# Long Island Education Costs & Outcomes Report



# New York State and Long Island Census Data



United States<sup>TM</sup>  
**Census**  
Bureau

# New York State Population Count

↑ 4.2% (to 20.2 million)

## Largest Population Increases by County

County	2010 Population	2020 Population	# Change	% Change
Kings	2,504,700	2,736,074	231,374	9.2%
Rockland	311,687	338,329	26,642	8.5%
Queens	2,230,722	2,405,464	174,742	7.8%
Orange	372,813	401,310	28,497	7.6%
Saratoga	219,607	235,509	15,902	7.2%
Nassau	1,339,532	1,395,774	56,242	4.2%
Long Island	2,832,882	2,921,694	88,812	3.1%
Suffolk	1,493,350	1,525,920	32,570	2.2%

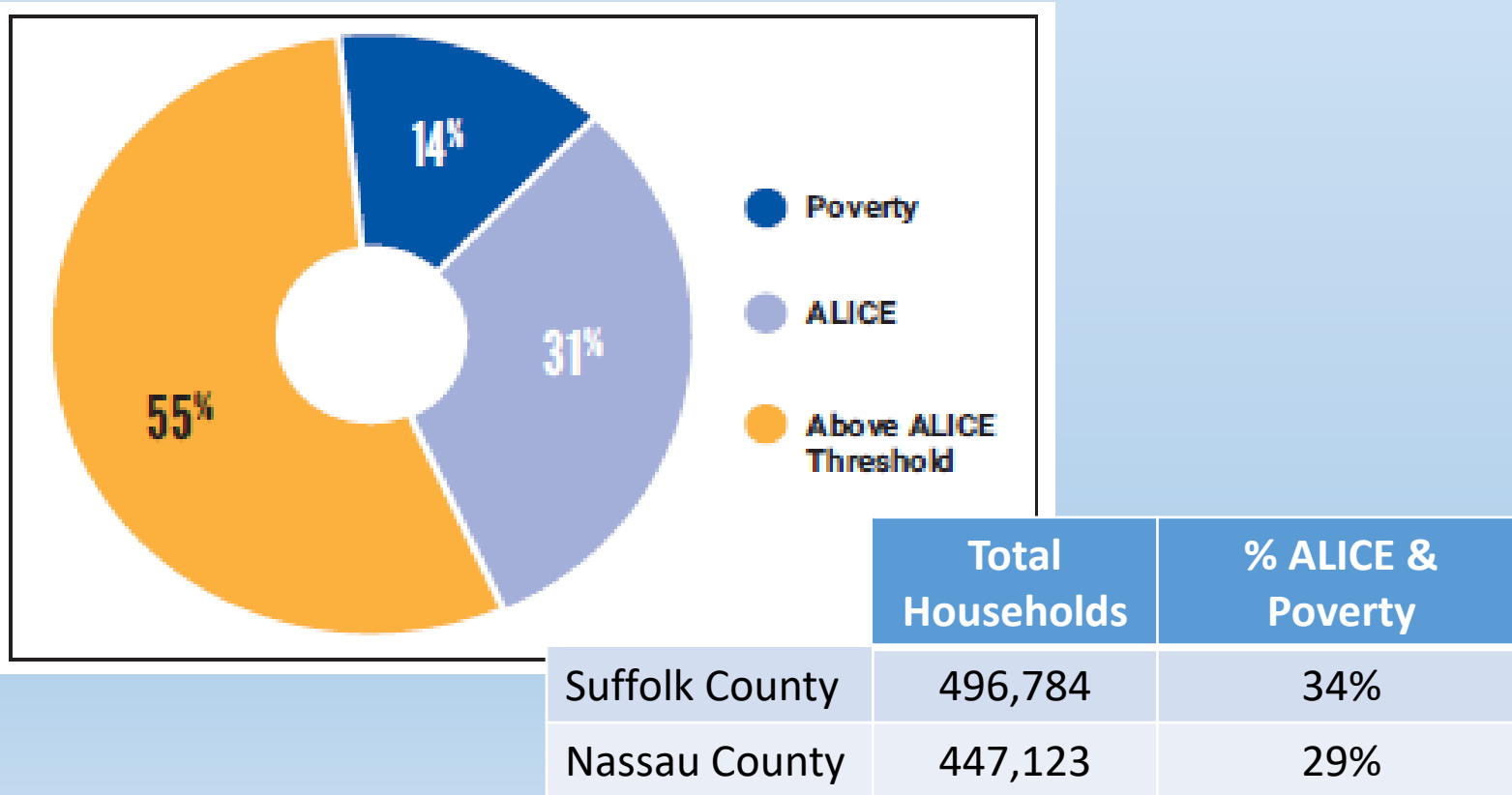
# New York State Race/Ethnicity Change 2010-2020

	Total	Non Hispanic White	Non Hispanic Black	Non Hispanic Asian	Hispanic
New York State	<b>823,147</b> 4.2%	<b>-705,340</b> -6.2%	<b>-24,835</b> -0.9%	<b>510,135</b> 36.3%	<b>531,110</b> 15.5%
Long Island	<b>88,812</b> 3.1%	<b>-199,253</b> -10.2%	<b>11,062</b> 4.5%	<b>76,331</b> 50.3%	<b>147,790</b> 33.5%

# Long Island's Workforce

## Asset Limited, Income Constrained, Employed

Rising costs and lower wages have increased the number of ALICE households by 39% in New York.



# Long Island Student Demographics



# Long Island Shifting Demographics

## K-12 Enrollment Change

	2012-13	2021-22	Total Change	% Change
<b>Suffolk County</b>	246,777	219,058	-27,719	-11.2%
<b>Nassau County</b>	200,221	190,506	-9,715	-4.9%
<b>Long Island</b>	446,998	409,564	-37,434	-8.4%
<b>Rest of State</b>	1,168,994	1,047,662	-121,332	-10.4%

# Long Island Shifting Demographics

## Racial/Ethnic Change

10-Year Change in Racial/Ethnic Groups (2012-13 to 2021-22)						
	American Indian/Alaskan Native	Asian/Pacific Islander	Black	Hispanic	Multiracial	White
<b>Suffolk</b>	-3.3%	5.6%	-18.6%	45.6%	113.8%	-33.1%
<b>Nassau</b>	18.9%	49.5%	-22.9%	31.4%	173.6%	-26.3%
<b>Long Island</b>	4.4%	35.8%	-20.9	39.7%	134.3%	-30.3%

## Key Fact:

According to federal guidelines, **34.4%** of the students enrolled in Long Island school districts (K-12) qualify as **Economically Disadvantaged** in 2021-2022.

# New York State Demographics

## Top Homeless Districts

District	# Homeless
Hempstead	734
East Ramapo	705
Mount Vernon	610
Newburgh	541
Yonkers City	349
Syracuse	291
William Floyd	268
Middletown	250
Albany	249
Uniondale	246
Rochester	216
Brentwood	209
Riverhead	165

# Long Island

## Top ELL/MLL Districts (K-12)

**(ELL: English Language Learners / MLL: Multilingual Learner)**

District	# of ELL/MLL
Brentwood	6,173
Hempstead	2,561
Central Islip	2,429
Riverhead	1,881
Westbury	1,460
Uniondale	1,456
Freeport	1,429
Patchogue-Medford	1,202
South Huntington	1,148
Huntington	956
Roosevelt	881
Copiague	819

# Long Island

## 20% or More ELL/MLL Enrollment (K-12)

District	Enrollment	% ELL/MLL
Hempstead	5,880	44%
Brentwood	17,608	35%
Riverhead	5,405	35%
Central Islip	7,297	33%
Westbury	4,589	32%
Hampton Bays	2,017	29%
Roosevelt	3,018	29%
Wyandanch	2,608	29%
Springs	664	26%
Uniondale	6,018	24%
Huntington	4,063	24%
Amityville	2,832	23%
Freeport	6,338	23%
Lawrence	2,260	23%
Southampton	1,339	21%
Greenport	654	21%
East Hampton	1,783	21%
South Huntington	5,661	20%
Wainscott	25	20%
Glen Cove	3,050	20%

# Long Island Shifting Demographics

## ELL/MLL Change

	2012-13	2021-22	Total Change	% Change
<b>Suffolk County</b>	15,882	25,091	9,209	58.0%
<b>Nassau County</b>	11,536	15,468	3,932	34.1%
<b>Long Island</b>	27,418	40,559	13,141	47.9%
<b>Rest of State</b>	38,720	50,032	11,312	29.2%

# Long Island Shifting Demographics

## Students with Disabilities Change

	2012-13	2021-22	Total Change	% Change
<b>Suffolk County</b>	33,338	36,096	2,758	8.3%
<b>Nassau County</b>	24,919	26,838	1,919	7.7%
<b>Long Island</b>	58,257	62,934	4,677	8.0%
<b>Rest of State</b>	162,393	164,428	2,035	1.3%



# Mental Health Statistics (national)

- **70%** of public schools reported an increase in students seeking mental health services since the start of COVID-19
- **76%** of public schools reported an increase in staff voicing concerns about their students' mental health

National Center for Education Statistics (NCES) – May 2022

- **37%** of high school students reported experiencing poor mental health during the pandemic
- **44%** reported persistently feeling sad or hopeless in the past year
- **55%** reported experiencing emotional abuse at home
- **11%** reported physical abuse
- **29%** reported an adult in their home lost a job

Centers for Disease Control and Prevention (CDC) - March 2022

# Mental Health Statistics (national)

- **7.6%** - the national average of students identified as having an Emotional Disturbance (ED) for an IEP
- **15%** of youth (age 12-17) reported suffering from at least one Major Depressive Episode (MDE) in the past year
- **60%** of youth with an MDE do not receive any mental health treatment

Mental Health America (MHA) – Youth Ranking 2022

# Long Island Combined Wealth Ratios (CWR)

The percentage of students in districts of *below average wealth* (CWR<1.00) on Long Island

Region	Enrollment (2022-23)	Students in Below Average Wealth Districts	
		#	%
Suffolk County	224,093	132,876	59.3
Nassau County	195,627	74,420	38.0
Long Island	419,720	207,296	49.4

# Wealthiest Long Island School Districts (highest to lowest CWR)

LI School District	2021-22 K-12 Enrollment	2021-22 CWR	% Enrollment Change (2012-13 to 2021-22)
Southampton	1,339	12.610	-13.2%
East Hampton	1,783	8.503	-4.0%
Oyster Bay	1,392	4.055	-14.3%
Lawrence	2,260	3.982	-20.3%
Westhampton Beach	1,783	3.554	-3.2%
Locust Valley	1,889	3.520	-13.0%
Cold Spring Harbor	1,626	3.395	-16.1%
Manhasset	3,009	3.064	-7.7%
Mattituck	1,066	2.857	-23.2%
Great Neck	6,516	2.604	3.5%

# Least Wealthy Long Island School Districts (lowest to highest CWR)

LI School District	2021-22 K-12 Enrollment	2021-22 CWR	% Enrollment Change (2012-13 to 2021-22)
Wyandanch	2,608	0.262	28.6%
Hempstead	5,880	0.280	-6.4%
Brentwood	17,608	0.340	2.7%
Roosevelt	3,018	0.348	8.6%
Central Islip	7,297	0.408	13.6%
William Floyd	8,847	0.466	-1.4%
Freeport	6,338	0.541	-1.5%
Copiague	4,702	0.565	-2.7%
Westbury	4,589	0.644	1.6%
Uniondale	6,018	0.673	-5.9%

# Assessments Performance & Outcomes

# Long Island Student Outcomes Elementary & MS Assessments

Students attending LI schools outperformed students from across the rest of the state in most assessments

However, a significant achievement gap continues to exist between students from high-wealth and low-wealth districts

# Long Island - Regents Exams

Assessments	Long Island		Rest of State (excluding NYC & LI)		New York State (excluding NYC, but including LI)	
	N	%	N	%	N	%
Common Core Algebra I	34,769	76.8%	81,347	70.7%	116,116	72.5%
Common Core Algebra II	23,048	81.3%	36,973	78.1%	60,021	79.3%
Common Core ELA	33,110	87.4%	43,484	84.9%	76,597	86.0%
Common Core Geometry	27,638	63.3%	48,320	63.2%	75,958	63.2%
Living Environment	33,584	82.1%	78,853	79.0%	112,437	79.9%
NF Global History	33,430	88.0%	78,010	81.8%	111,440	83.7%
Chemistry	21,305	72.9%	36,994	69.5%	58,299	70.7%
Earth Science	29,622	73.5%	61,250	68.9%	90,872	70.4%
Physics	9,513	67.0%	13,822	67.7%	23,335	67.4%

N = number of test takers    % = percentage of students scoring 3, 4, or 5 on Common Core Exams or 65+ on Regents Exams

Students attending LI schools outperformed students from across the rest of the state in all but one Regents exam.

- No data available for *U.S. History & Government* and *U.S. History & Government (Framework)* exams



# Long Island - Outcomes

## 2016 Total Cohort – 5 Year Outcome August 2021

The percentage of Long Island high school graduates earning a Regents Diploma and Regents Diploma with Advanced Designation ranked above the statewide median.

However, a significant achievement gap continues to exist between students from high-wealth and low-wealth districts.

Long Island was below the statewide median (6.4%) in the percentage of students reported as dropping out of school.

However, the dropout rate is greater in low-wealth school districts.

# Regeneron Science Talent Search Semifinalists

- If Long Island was a state, it would rank **3rd** in the number of 2023 Regeneron STS Semifinalists (38), behind only California (50) and NY (47 – for a total of 85).
- 12.7% of 2023 Regeneron STS Semifinalists identified from across the country were from Long Island (38 of 300).



# Regeneron Science Talent Search Finalists

**3** of the **40** high school seniors named Regeneron Science Talent Search Finalists for 2023 are from Long Island:

- Emily Kim Jericho High School
- Kevin Zhu Jericho High School
- Miah Margiano St. Anthony's High School





# Blue Ribbon Schools 2022

- 4 of the 16 New York State public schools awarded the Blue Ribbon were from Long Island.
- Long Island Schools awarded the Blue Ribbon:
  - ❖ Lloyd Harbor School - Huntington
  - ❖ Lynbrook Senior High School
  - ❖ Valley Stream Central High School
  - ❖ Ward Melville Senior High School – East Setauket

# 2022-23 Suffolk County Statistics for Visual Arts & Music

Event	# of Suffolk Students Selected	Component Districts Represented	Sponsoring Organization
Eastern Suffolk County Student Exhibition	2,235	17	Parrish Art Museum
Long Island Scholar Artists	8	2	Long Island Arts Alliance
All National Musicians (Grades 11 & 12)	14	9	Nat'l Assoc. for Music Education (NAfME)
All Eastern Musicians (Grades 11 and 12)	17	13	Nat'l Assoc. for Music Education (NAfME)
All State Musician (Grades 11 & 12)	53	24	NY School Music Association (NYSSMA)
All County Musicians (Grades 5-10)	2,673	43	Suffolk County Music Educators Association (SCMEA)
All County Musicians (Grades 11 & 12)	324	34	NYS Council of Admins of Music Ed (NYSCAME)/SCMEA

Source: Data shown was provided by each of the individual sponsoring organizations

# **Fiscal Status & Future Outlook**

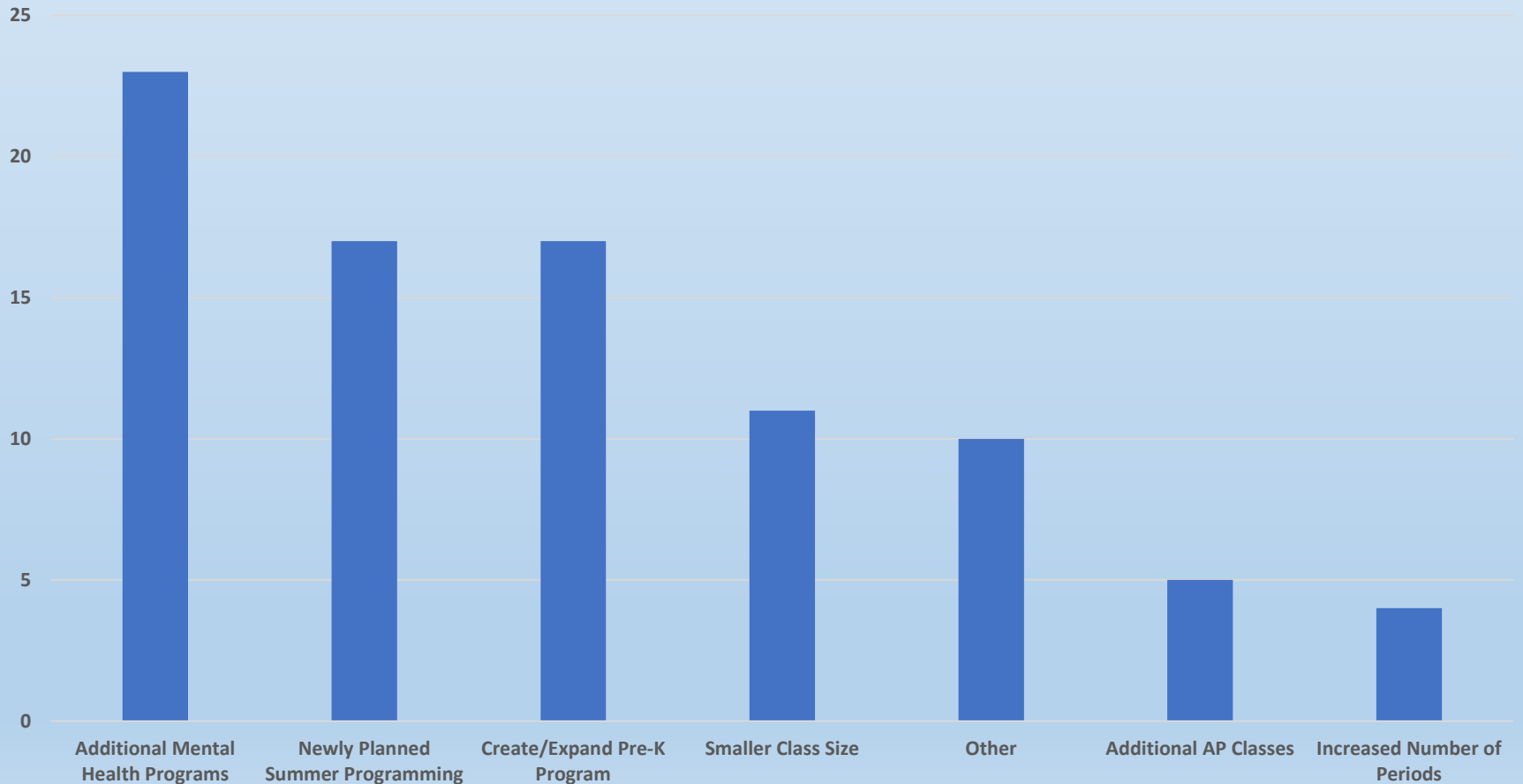
# Cares Act, CRRSA, ARP, Learning Loss Grant

Long Island has been allotted a total of **\$905.1 million** in federal funds in response to COVID-19

Wealth Category	Amount Received (in millions)	Percent Received
Low Wealth (CWR <1.0)	\$ 638.8	70.6%
Low Mid Wealth (CWR 1.0 - <1.5)	\$ 182.8	20.2%
Hi Mid Wealth (CWR 1.5 - 2.0)	\$ 36.2	4.0%
High Wealth (CWR >2)	\$ 47.4	5.2%

# Instructional Opportunities Added Due to an increase in State Aid

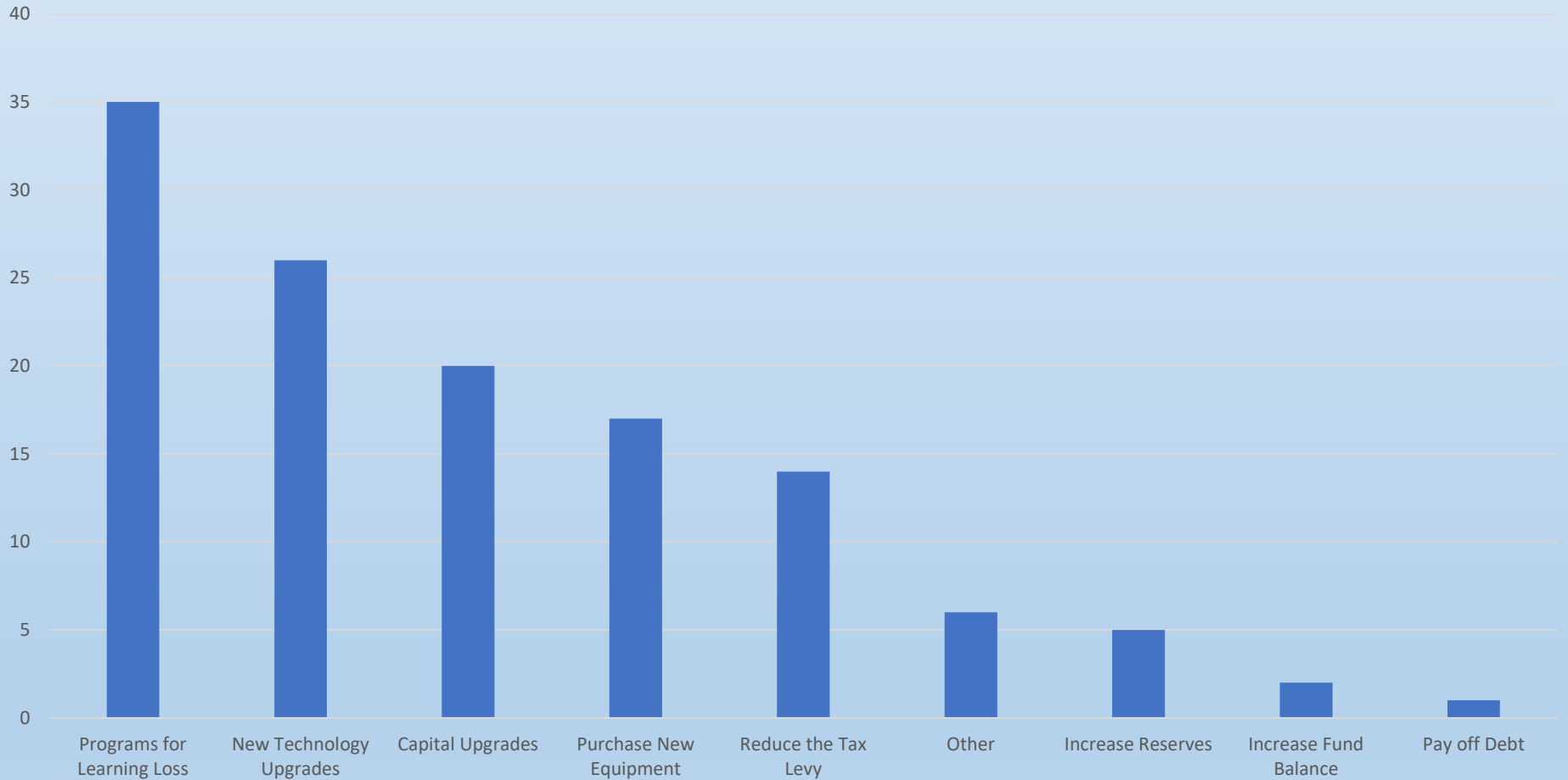
56 of 71 responding districts replied to this question.  
62.5% indicated there would be instructional opportunities added for the following reasons.





# Other Uses of Increased State Aid

41 of 71 responding districts replied to this question.



# Foundation Aid to New York Schools

2023-24

Foundation Aid

\$2.7 Billion

12.6% increase



6% increase

Third and final year  
of fully funding

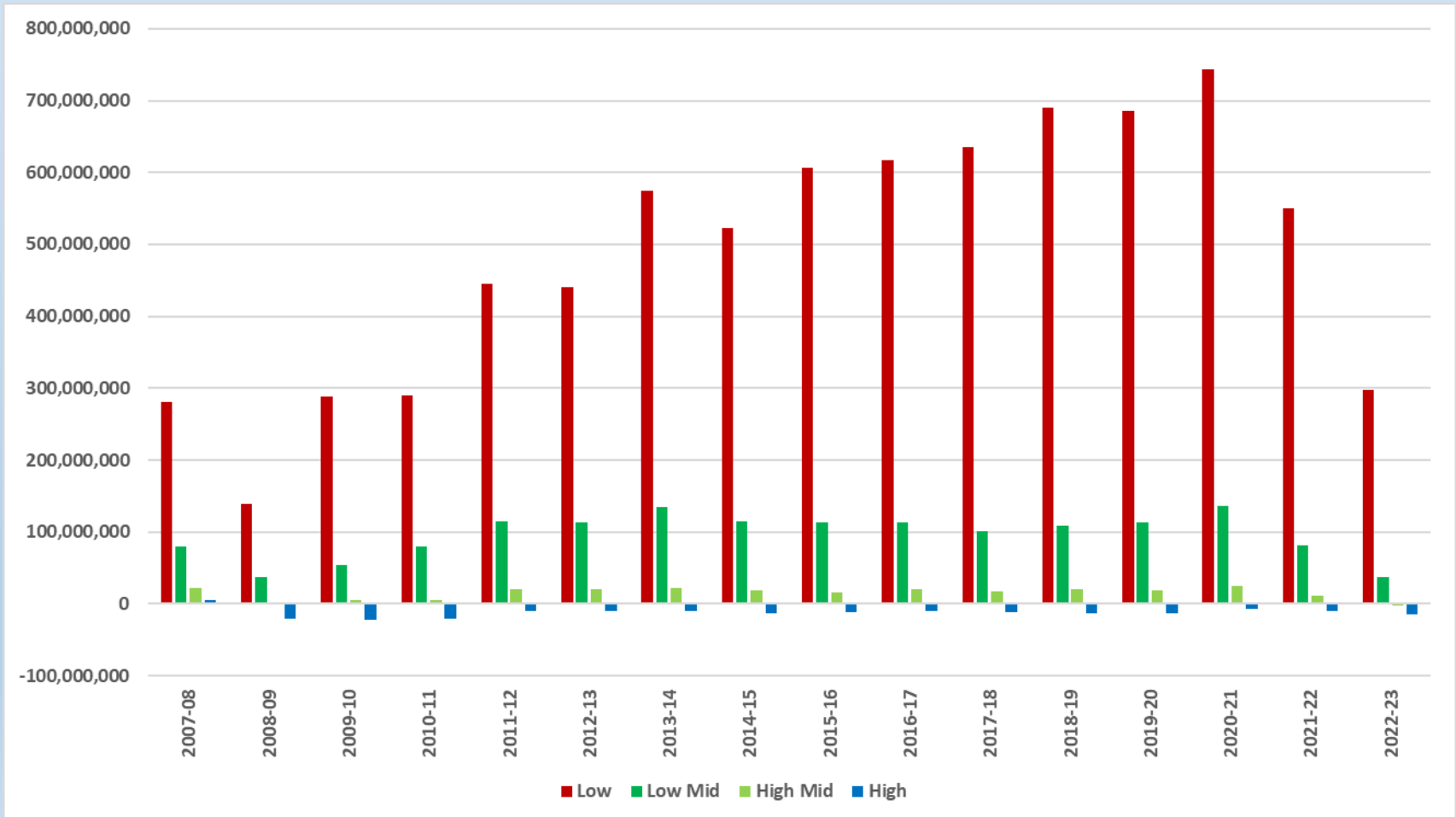


6.6% increase

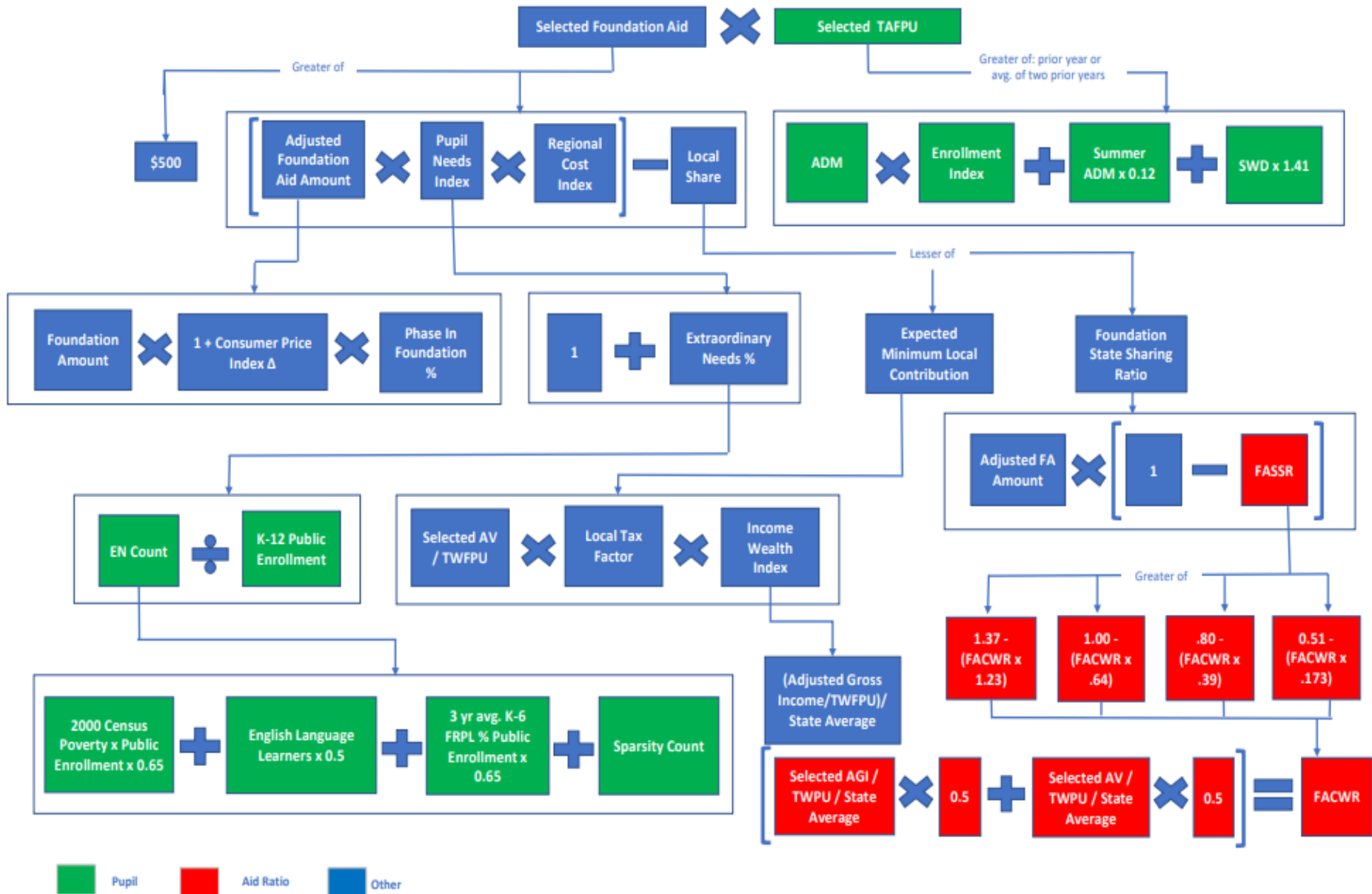
Consumer Price Index  
–Urban (CPI-U)

# Foundation Aid Owed by Wealth

## 2007-08 to 2022-23



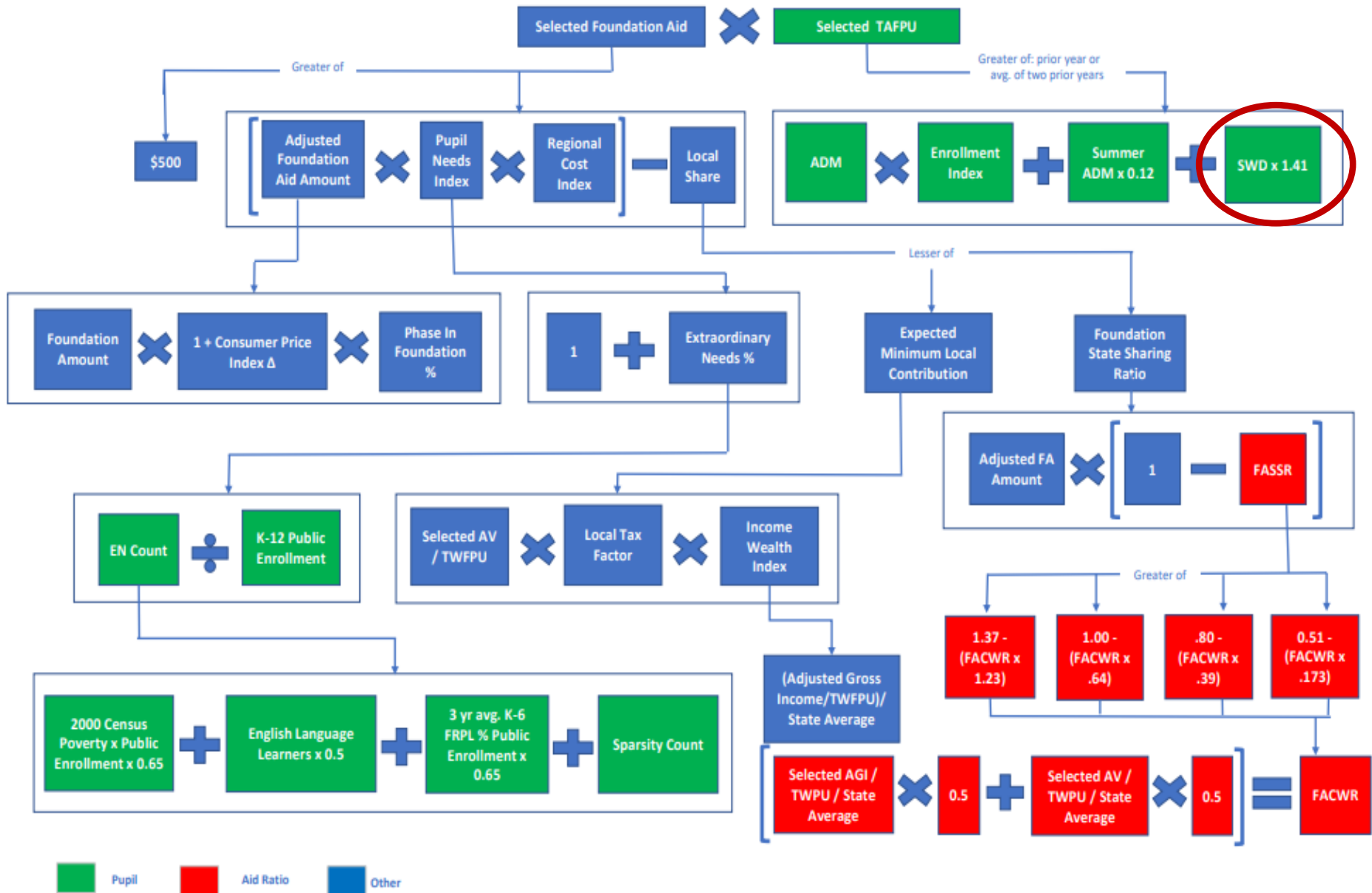
# Total Foundation Aid Formula



# Foundation Aid Formula Review

- **Review and adjust the weightings for high-need students**
- Improve data collection for measuring student poverty
- Update the Regional Cost Index
- Review the impact of student-based district wealth factors

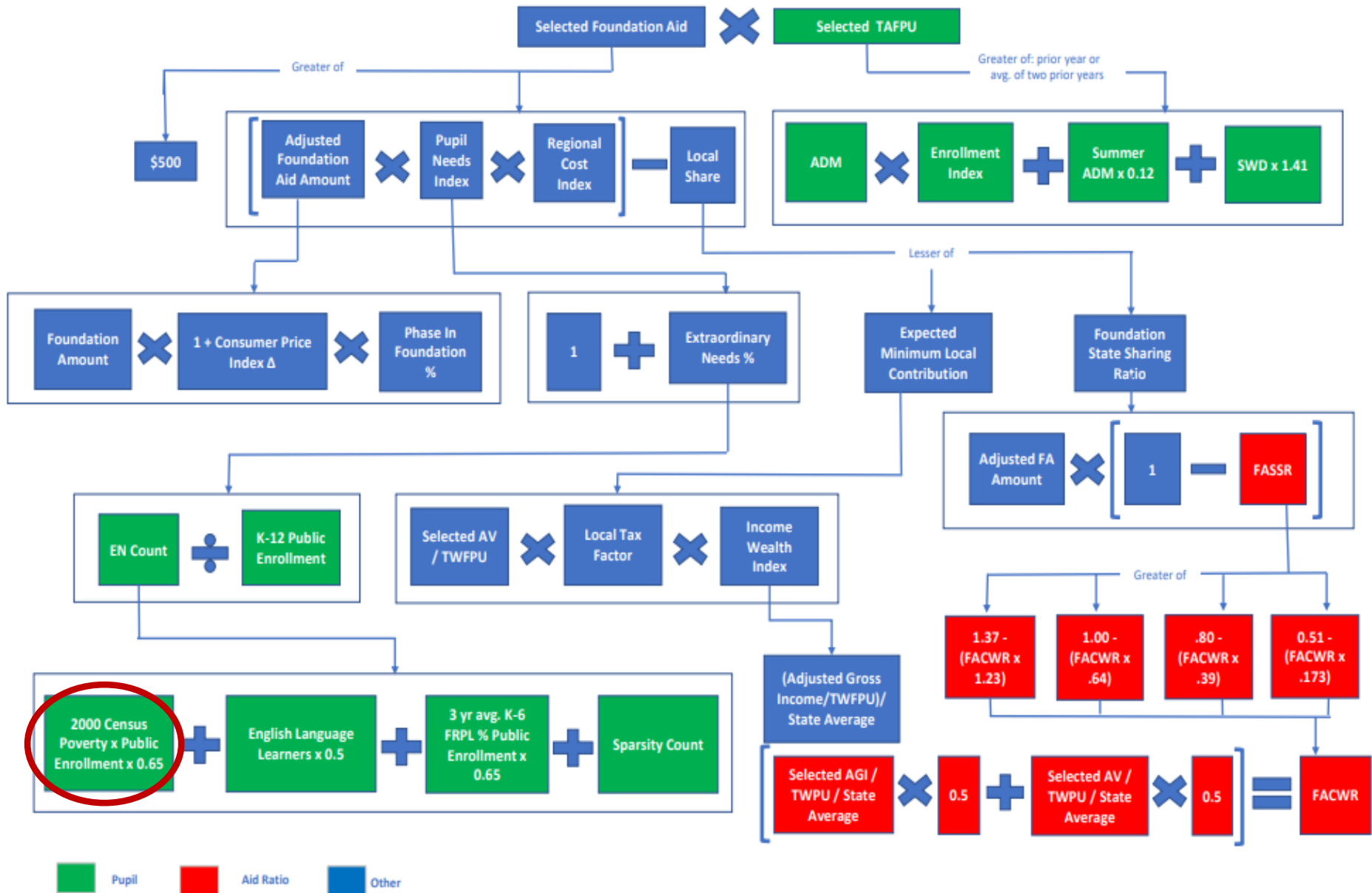
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# Total Foundation Aid Formula

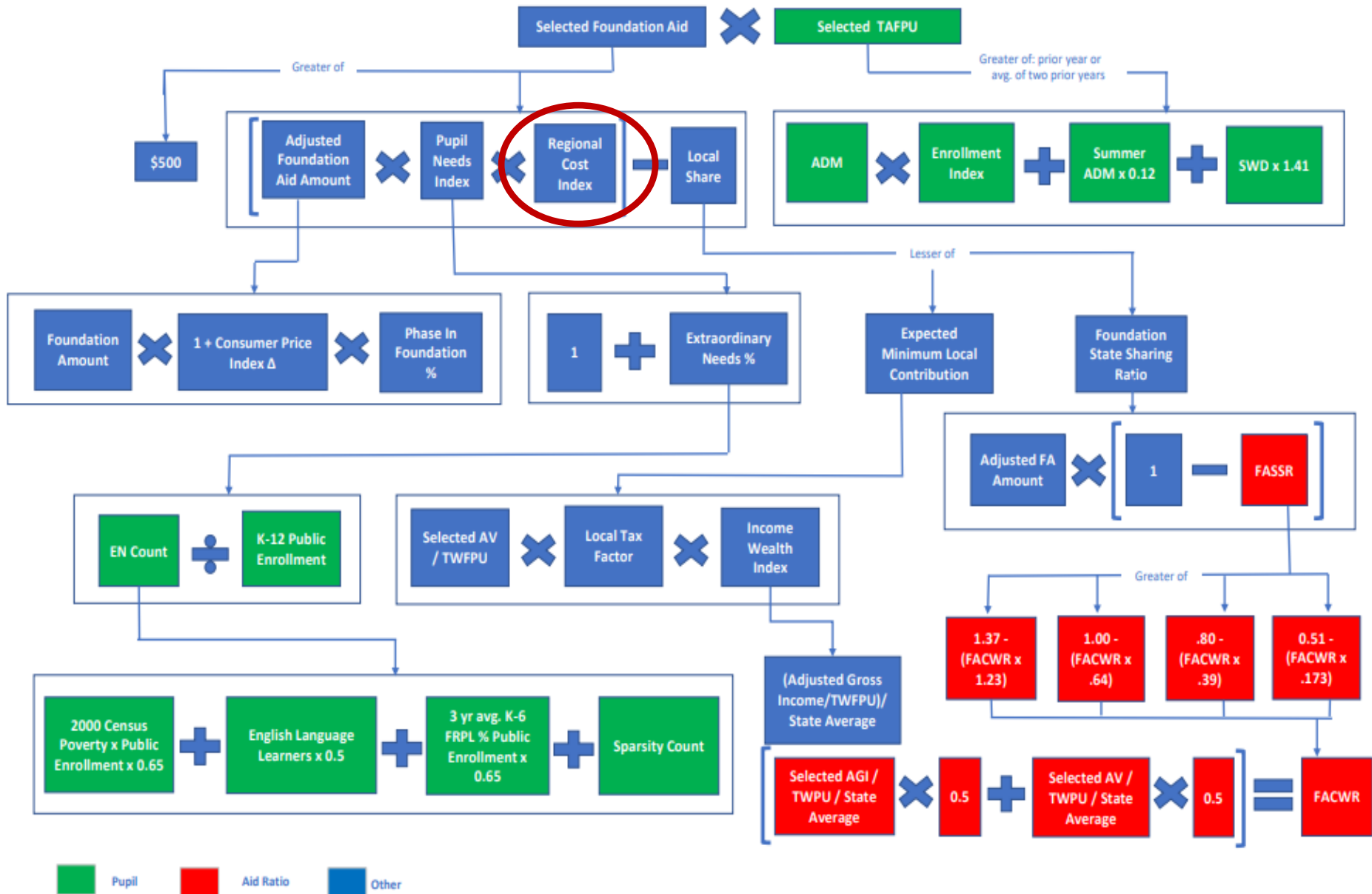




# Foundation Aid Formula Review

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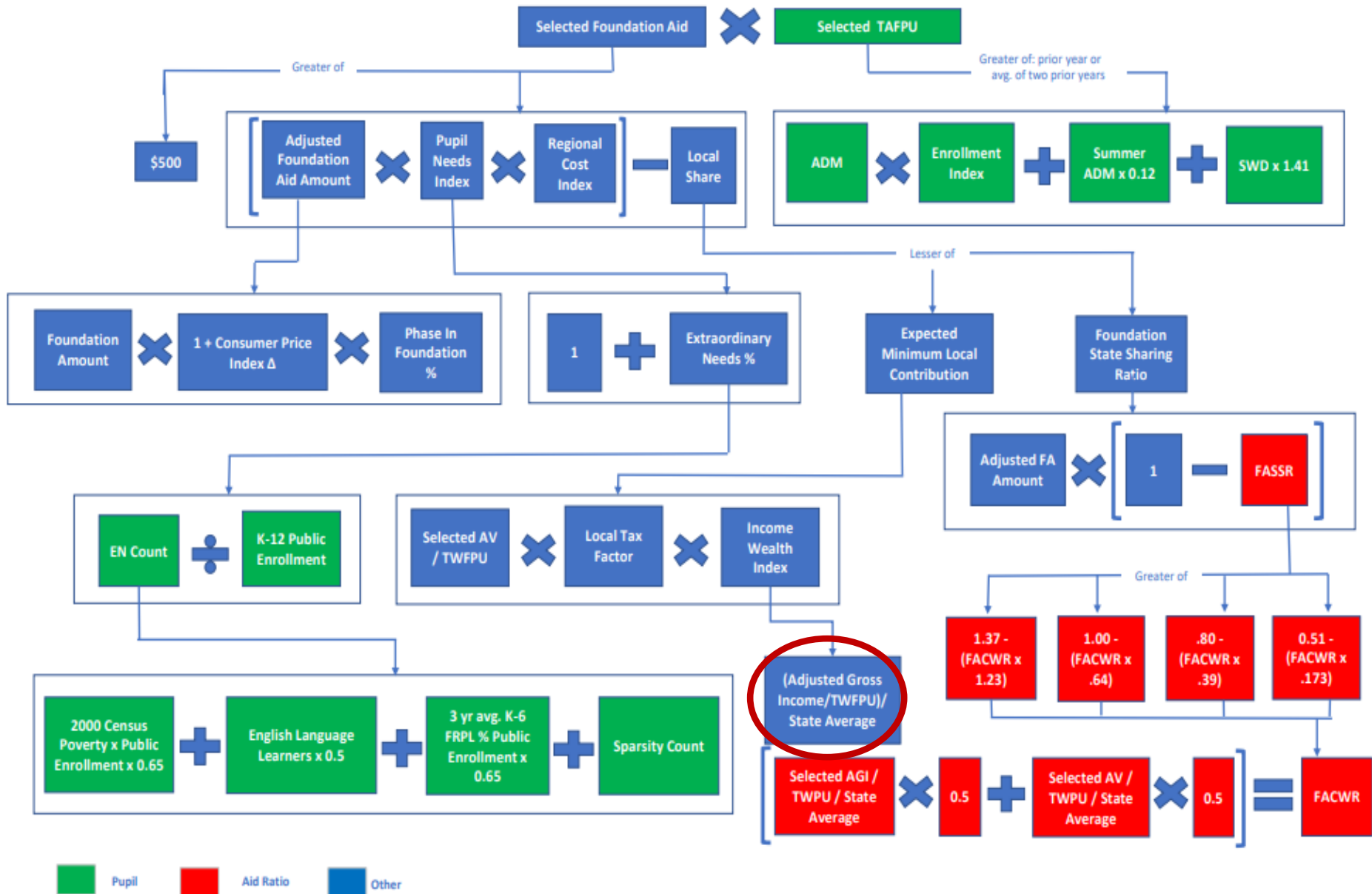
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## Foundation Aid Formula Review

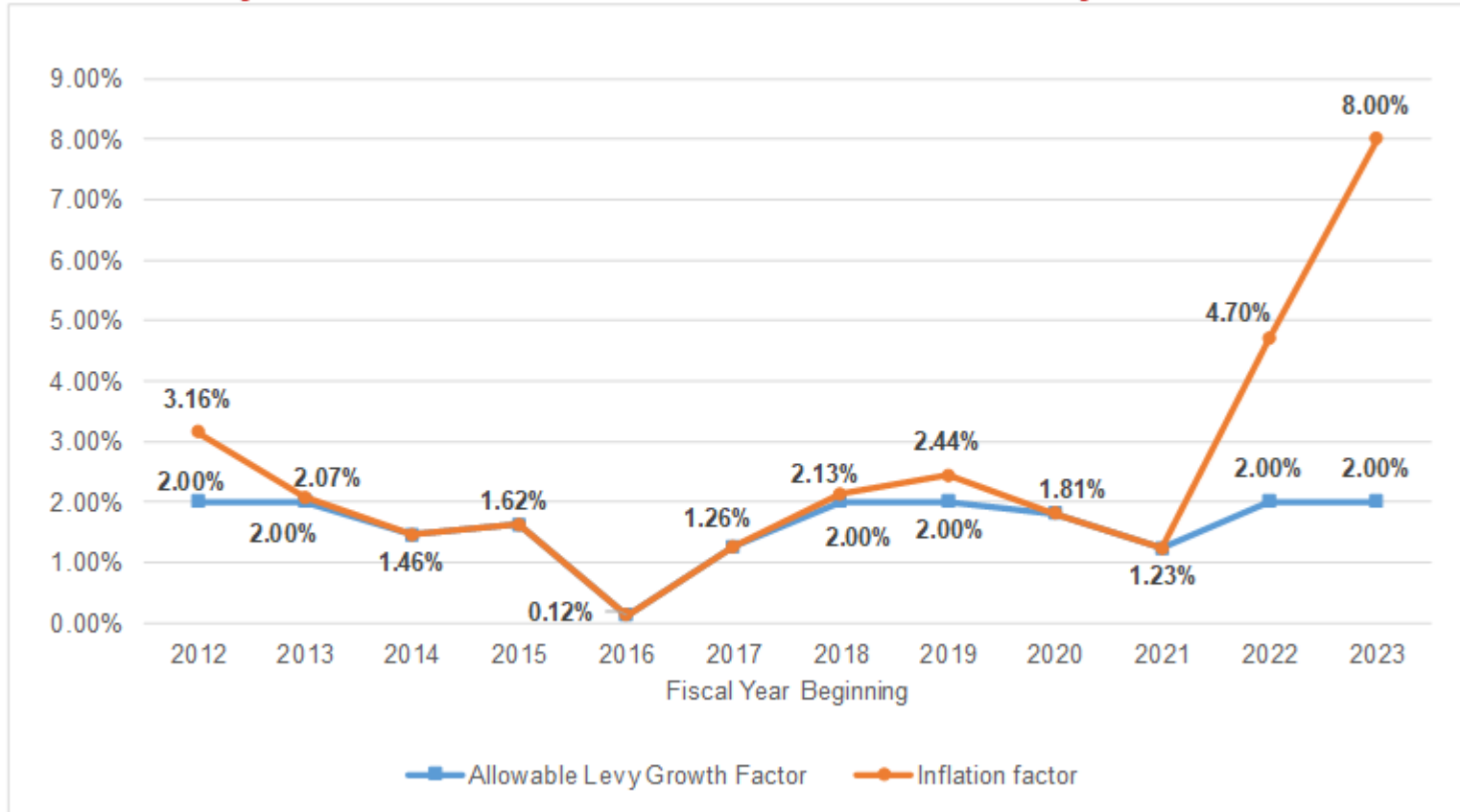
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- Update the Regional Cost Index
- **Review the impact of student-based district wealth factors**

# Total Foundation Aid Formula



# Tax Levy Limit vs. Inflation Rate

**Allowable Levy Growth and Inflation Factors for Entities with a July 1 - June 30 Fiscal Year**



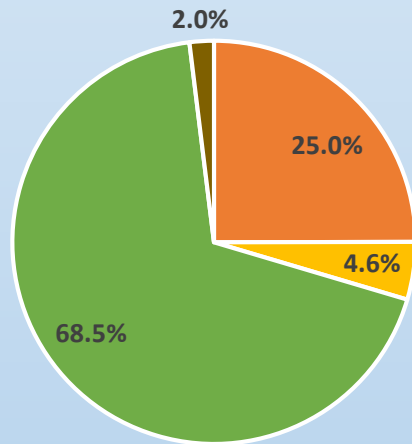
Note: Allowable levy growth factor is expressed as a percentage.

# Budgeting in a Tax Cap Era

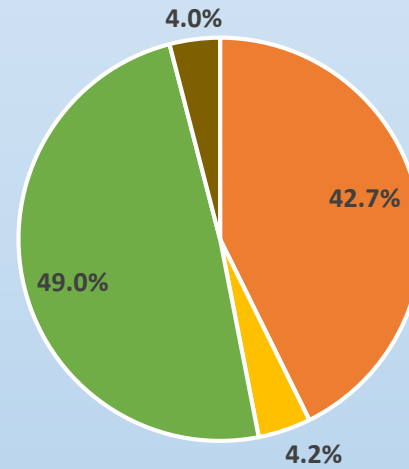
		Amount Increase/Decrease
<b>22/23 Hypothetical Budget</b>	\$ 100,000,000	
<b>23/24 Revenues</b>		
70% Property Taxes	\$ 71,400,000	2%
30% State Aid / Other	\$ 30,900,000	3%
<b>Total</b>	\$ 102,300,000	2.30%
<b>23/24 Expenditures</b>		
70% Salary for Staff	\$ 72,100,000	3%
8% Health Insurance	\$ 9,200,000	15%
6% Transportation	\$ 6,600,000	10%
1.5% Utilities	\$ 1,725,000	15%
2% Supplies and Equipment	\$ 2,180,000	9%
12.5% Other	\$ 12,500,000	0%
<b>Total</b>	\$ 104,305,000	4.3%
<b>Difference to stay within the cap</b>	\$ (2,005,000)	

# School District Revenues

Long Island



Rest of State (excluding NYC & LI)



■ State Aid Receipts  
■ Federal Aid Receipts

■ STAR Subsidy Receipts  
■ Property Tax Levy & Other Revenue

Total Receipts from State = State Aid Receipts + STAR Subsidy Receipts

Total Revenue = Total Receipts from State + Federal Aid Receipts + Property Tax Levy and Other Revenue

Source: NYSED Fiscal Analysis and Research Unit, 2020-21

# **Planning for the Future: Connecting with Our Legislative Priorities**



# Legislative Priorities

- Student Mental Health and School Safety
- Funding Flexibility
- Modifications to the 2% Tax Levy Cap
- Civil Service Reform
- APPR Review
- Universal Pre-K
- Universal School Meals

# What We Need to Serve Our Collective Communities

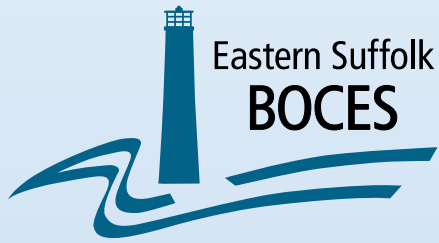
- Ongoing collaboration with our legislators
- A recognition of our changing needs and these opportunities
- Sustainable funding that supports the future of Long Island students



## Reshaping the Future

- Understand the communities and students that we serve
- Continue to provide high-quality, well- rounded, educational programs
- Create multi-year financial plans that align with our student demographics





# Eastern Suffolk BOCES Board and Administration

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Fred Langstaff

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## Associate Superintendent

Claudy Damus-Makelele – Educational Services

## Associate Superintendent

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Christopher Cook – Human Resources

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Mark Finnerty – Facilities

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Susan Maddi – Administrative Services

Vacant – Technology Integration

Gina Reilly – Special Education

Darlene Roces – Regional Information Center

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