

LONG ISLAND EDUCATION
COSTS AND OUTCOMES
2018



LIA
Long Island Association
LEADING LONG ISLAND

Introduction



This twelfth update of Long Island Education: Costs and Outcomes is the joint work product of representatives of the Long Island Education Coalition (LIEC) and the Long Island Association (LIA). This updated biennial report that has proven to be critically important to our region over the past 23 years. The simple, straightforward idea behind this major effort continues to be the same today as it was in 1995 – “Let’s agree on the numbers, and then draw our conclusions.” Early on, we agreed to use only verified data from New York State sources and have continued that practice over the years.

The results of this approach have been consistent over the history of the collaboration. From day one, we found that regional cost differences disadvantage Long Island when it comes to state aid allocations, and presentation of comparative expense data. We also found that the high priority Long Island puts on education is reflected in student outcomes. That picture is somewhat more complex with the latest data.

As a result of this work, we have opened the door to having regional cost differences factored into the state aid formulas. Although these differences are now being acknowledged, they are still not being fully accounted for. In addition, this work has caused us to take a closer look at the inequities that exist within our region based upon school district wealth. We have documented the existence of a resource and achievement gap between Long Island’s wealthiest and least-wealthy school districts which continues to widen. Shifting demographics on Long Island have further impacted outcomes. We attempt to illustrate this in the data that is included.

We have much work to do within a region that is struggling from economic factors, changing demographics, unfunded mandates, and the challenges of a tax levy cap. Now, more than ever, it is important that we focus on the facts to craft meaningful strategies to address our challenges. Public education is one of our region’s most prized assets. We need to have the difficult conversations to ensure that it continues to prepare our children for the future.

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About Long Island Education

Costs and Outcomes

The Long Island Association (LIA) and the Long Island Education Coalition (LIEC) joined together in 1995 to complete a research project designed to reduce tension and enhance communications between the education and business communities. Simply stated, they “agreed to agree” on a set of facts, supported by verified data, that reflected the true cost and outcomes associated with Long Island schools.

The effort paid immediate dividends as the groups readily identified a fundamental flaw in the allocation of state aid across the state. The “flaw,” which was the total disregard for significant regional cost differences within the state, became the basis of an aggressive advocacy effort that exists to this day. Although changes to the state aid system have occurred over the past 23 years, a true, realistic regional cost adjustment has not been incorporated in a meaningful manner. Despite the opportunities afforded by the state through significant increases in aid to education, the settlement of the Campaign for Fiscal Equity (CFE) case, and the introduction of a Foundation Formula, the matter has not been appropriately addressed.

Along with advocacy for the use of a regional cost factor in the distribution of state aid, the groups agreed on two key facts that set the stage for further collaboration:

- The per pupil cost of education on Long Island is comparable to other regions of the state after accounting for regional cost differences.
- Educational outcomes on Long Island reflect the strong commitment to public education in the region.

The common ground that was established through this process has led to the biennial updating of the report over the past 23 years. On an annual basis, data from this report is used to inform a regional response to advocacy.

More recently, as the demographics of Long Island change, and the divide between the haves and the have nots increases, data from this report will help us to understand, as a region, that education and the business communities are struggling with similar challenges. We hope that this understanding is the basis for a solution to those challenges.

Long Island Education: Costs and Outcomes

Executive Summary 20 Key Facts

Public education may be the most significant economic, social, and cultural force on Long Island. It is a multi-billion dollar enterprise that shapes the region's present and future. Public schools are central to the quality of life that Long Islanders value above all else. The future of nearly half a million students depends upon the overall success of our 125 public school districts.

Since we first published the Long Island Education: Costs and Outcomes Report in 1996, the basic facts have remained constant:

- The per pupil cost of education on Long Island is comparable to the region at the median after accounting for regional cost differences.
- Students attending Long Island schools outperform students from across the rest of the state in most state assessments.

Since the 2010 report, we also focused on the existence of an achievement gap on Long Island. Through the use of disaggregated data, major differences between student outcomes in the region's wealthiest and least-wealthy school districts were identified. The data provided evidence of another basic fact:

- Student outcomes in Long Island's least-wealthy school districts are significantly below student outcomes within the Island's wealthiest school districts and in some areas that gap has continued to widen.

At the request of our collaborators, additional numbers regarding the least-wealthy and wealthiest districts throughout New York State have been provided with this edition of the report, which highlight a new fact:

- The achievement gap between the least-wealthy and wealthiest school districts across New York State is greater than it is in the least-wealthy and wealthiest districts on Long Island.

Given the size and complexity of the system, it is difficult to generalize. However, a review of achievement, financial, and demographic data reveals **20 key facts** about education on Long Island. The facts are as follows:

Achievement

1. Long Island's elementary, middle level, and secondary students outperformed most other students statewide on the English Language Arts, Science, and Math assessments, as well as the Regents exams (*see Tables 1 and 2*).

More importantly and key, the data clearly support the continued existence of a significant achievement gap between the least-wealthy and wealthiest school districts. Long Island's least-wealthy districts' performance on required grades 3-8 assessments are, depending on the exam results under study, anywhere from 4 to 43 percentage points below performance of the wealthiest school districts on Long Island. Performance on required Regents exams by the least-wealthy districts is anywhere from 10 to nearly 34 percentage points below performance of the wealthiest school districts on Long Island (*see Table 3 and Appendix D*).

In New York State, the least-wealthy districts' performance on required assessments are, depending on exam results under study, anywhere from 11 to nearly 53 percentage points

below the performance of the wealthiest districts in New York State.

The achievement gap between least-wealthy and wealthiest districts across New York State is greater than it is on Long Island (see *Table 4 and Appendix E*).

2. The percentage of Long Island's students participating in the Elementary and Middle Level Assessments was significantly less than the rest of the state. However, the percentage of Long Island's least-wealthy students participating in the Elementary and Middle Level Assessments was lower than the least-wealthy students in the state and significantly greater than Long Island as a whole (see *Tables 1a, 3a, and 4a*).

Outcomes/Enrollment

3. Only New York City and one other downstate county served a greater percentage of English Language Learner (ELL) students than Long Island (8.7%) in the 2016-17 school year.

The data indicate that the least-wealthy school districts on Long Island served a higher percentage of ELL students (26.5%) than Long Island as a whole (8.7%). Long Island as a region served a higher percentage of ELL students than New York State (5.5%).

Long Island's least-wealthy school districts also served a higher percentage of ELL students than the least-wealthy school districts in New York State (14.6%) (see *Tables 5 and 6*).

4. Long Island's percentage of high school students graduating with a Regents Diploma (94.1%) in 2016-17 ranked above the statewide median (90.4%). For the same year, Long Island's percentage of high school students graduating with a Regents Diploma with Advanced Designation (55.6%) ranked well above the statewide median (38.7%) (see *Table 7*).

The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma (89.8%) in 2016-17 was similar to the statewide median (90.4%) and below Long Island's wealthiest school districts (95.8%). For the same year, the percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma with Advanced Designation (22.4%) was below the statewide median (38.7%) and well below Long Island's wealthiest school districts (69.6%) (see *Tables 7 and 10*).

5. Long Island ranked fourth in the percentage of graduates (89.5%) planning to enter post-secondary education in 2016-17 (see *Table 8*).
6. The percentage of students educated in Long Island's least-wealthy districts planning to enter post-secondary education (80.6%) was slightly above the statewide median (77.3%), but it was over 12 percentage points below Long Island's wealthiest districts (93.0%) (see *Tables 8 and 10*).
7. Long Island was below the statewide median (2.2%) in the percentage of students reported as dropping out of school in the 2016-17 school year (1.6%) (see *Table 9*).

The dropout rate in the least-wealthy school districts (4.5%) on Long Island was 3.2 percentage points greater than that of the wealthiest districts on Long Island (1.3%), and 2.4 percentage points greater than New York State (2.1%) (see *Table 10*).

Costs

8. A state aid dollar on Long Island buys far less than in other regions of the state. The purchasing power of \$1,000 in the lowest cost regions (North Country and Mohawk Valley) is the equivalent of \$907 in the cost region at the median (Central New York), and only \$702 on Long Island/NYC (see *Table 11*).

Executive Summary: "20 Key Facts" (cont'd)

9. Long Island's regionally adjusted per pupil expense (\$18,271) was 4.8% below Tioga County (\$19,144), the county at the median (see *Table 14*).
10. Long Island averaged a 4.33 percentage point increase per year in per pupil expenditures over the past 10 years. The annual average percentage point increase for counties at the median was 4.82 (see *Table 15*).
11. Long Island continues to experience a decline in student enrollment (-6.5%). However, student enrollment declines in 51 other counties (91%) outpace the decline on Long Island (see *Table 16*).

Salaries

12. The mean (average) salary for elementary, middle, and secondary school teachers on Long Island ranges from \$100,380 to \$103,580. When adjusted for regional cost differences by the New York State Education Department's Professional Cost Index, these salaries range from \$70,442 to \$72,688. These adjusted salaries are comparable to the unadjusted statewide salary range (\$70,258 to \$73,480). When Long Island's adjusted salaries are compared to the adjusted statewide salary range (\$61,211 to \$63,963), the statewide range is lower than Long Island's adjusted salaries. This aligns with Long Island's position as the highest cost region in the state (see *Table 12*).
13. Average wages for teachers on Long Island are also comparable to wages in a wide variety of non-education occupations that require similar levels of educational attainment (see *Table 13*).

Local Effort/State Share

14. When New York City is included, the share of state aid directed to Long Island (12.2%) is less than the percentage of the state's children being educated on Long Island (17.3%) (see *Table 18*).
15. Long Island's least-wealthy and wealthiest districts receive significantly less state aid than both the least-wealthy and wealthiest districts in New York State (see *Table 5*).
16. The state share of funding on Long Island is 24.5% (excluding STAR). State aid, however, funds 42.5% of school revenues in the rest of the state (excluding STAR). When STAR is included, the shares are 31.5% and 48.7%, respectively. Property tax levy and other revenue provide 66.9% of school district revenues to Long Island compared to 47.7% in the rest of the state (see *Table 18*).
17. Long Island accounted for 30% of the annual taxable sales in the state (excluding New York City) (see *Table 19*).
18. Residents on Long Island (excluding New York City) paid 36.7% of the state's income taxes (see *Table 20*).
19. Long Island ranks as the third highest region in the state (excluding New York City) in the percentage of household income paid to property taxes (7.92%) (see *Table 21*).

Long Islanders spend approximately 66% more of their income on property taxes than New York in general (7.92% v. 4.77%). This occurs because property tax revenues fund a greater share of school expenses on Long Island than in the state as a whole (see *Table 21*).

Wealth

The New York State Education Department utilizes the Combined Wealth Ratio (CWR) to measure the wealth of school districts. It is based upon income and property wealth. The wealth of all school districts within the state can be compared using the CWR. A CWR of 1.000 represents the average wealth throughout the state. School district CWRs that are above 1.000 have above average wealth, while CWRs below 1.000 signify that a district is below the state average wealth.

20. Long Island has several very high profile “wealthy” school districts based upon an analysis of CWRs. However, many of these districts enroll a relatively small number of students. Many of the Island’s low-wealth school districts, on the other hand, tend to enroll a significantly larger number of students.

Accordingly, there is a wide gap between perception and reality when it comes to the wealth of Long Island schools.

Regional Enrollment

Region	Total Number of Students (2016-17)	% of Students Enrolled in Low-Wealth School Districts
Suffolk County	236,743	60.8
Eastern Suffolk BOCES	156,221	73.8
Western Suffolk BOCES	80,522	35.7
Nassau County (Nassau BOCES)	198,776	30.0
Long Island	435,519	46.8

Note: Total number of students excludes enrollment in Charter Schools.

Source: New York State Education Department, 2016-17 School Report Card database.

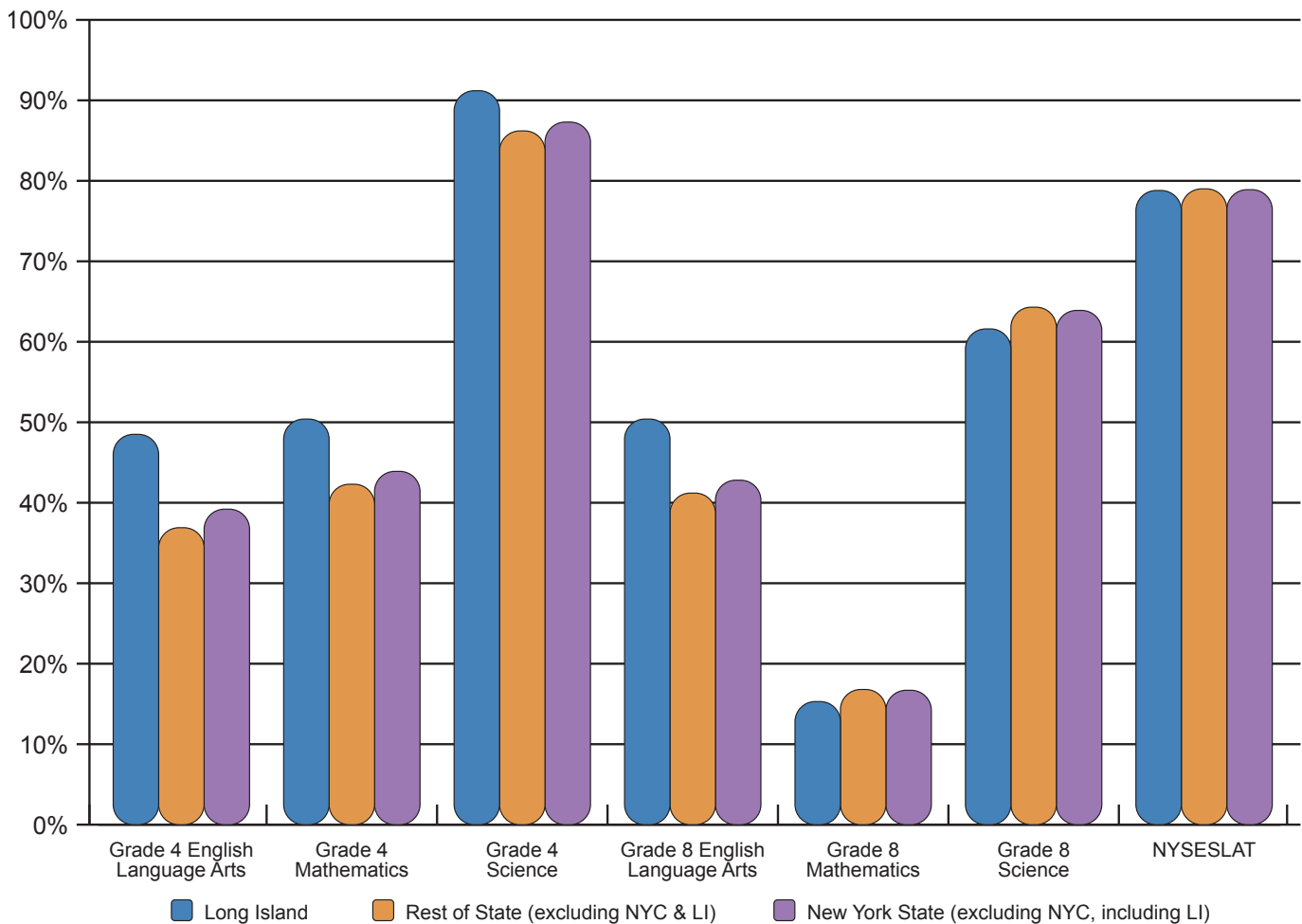
TABLE 1

**Percentage of Elementary and Middle Level Students
Scoring at Levels 3 or 4 on Assessments/3, 4, or 5 on NYSESLAT**

Assessments	Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%
Grade 4 English Language Arts	17,680	48.5	71,867	36.9	89,547	39.2
Grade 4 Mathematics	17,949	50.4	71,895	42.3	89,844	43.9
Grade 4 Science	21,875	91.2	76,170	86.2	98,045	87.3
Grade 8 English Language Arts	11,924	50.4	55,625	41.2	67,549	42.8
Grade 8 Mathematics	5,533	15.3	41,477	16.8	47,010	16.7
Grade 8 Science	7,853	61.6	47,630	64.3	55,483	63.9
NYSESLAT	39,435	78.8	49,483	79.0	88,918	78.9

Description: The total number of 4th and 8th grade students who were tested (N) and the percentage who scored at levels 3 or 4, respectively, and the total number tested on New York State English as a Second Language Achievement Test (NYSESLAT) who scored 3, 4 or 5 (levels that are at or above the state standards) on the New York State Assessments 2016-17.

Source: New York State Education Department, 2016-17 School Report Card database.



Key Fact:

1. Long Island's elementary and middle level students outperformed other students statewide on four of seven exams.

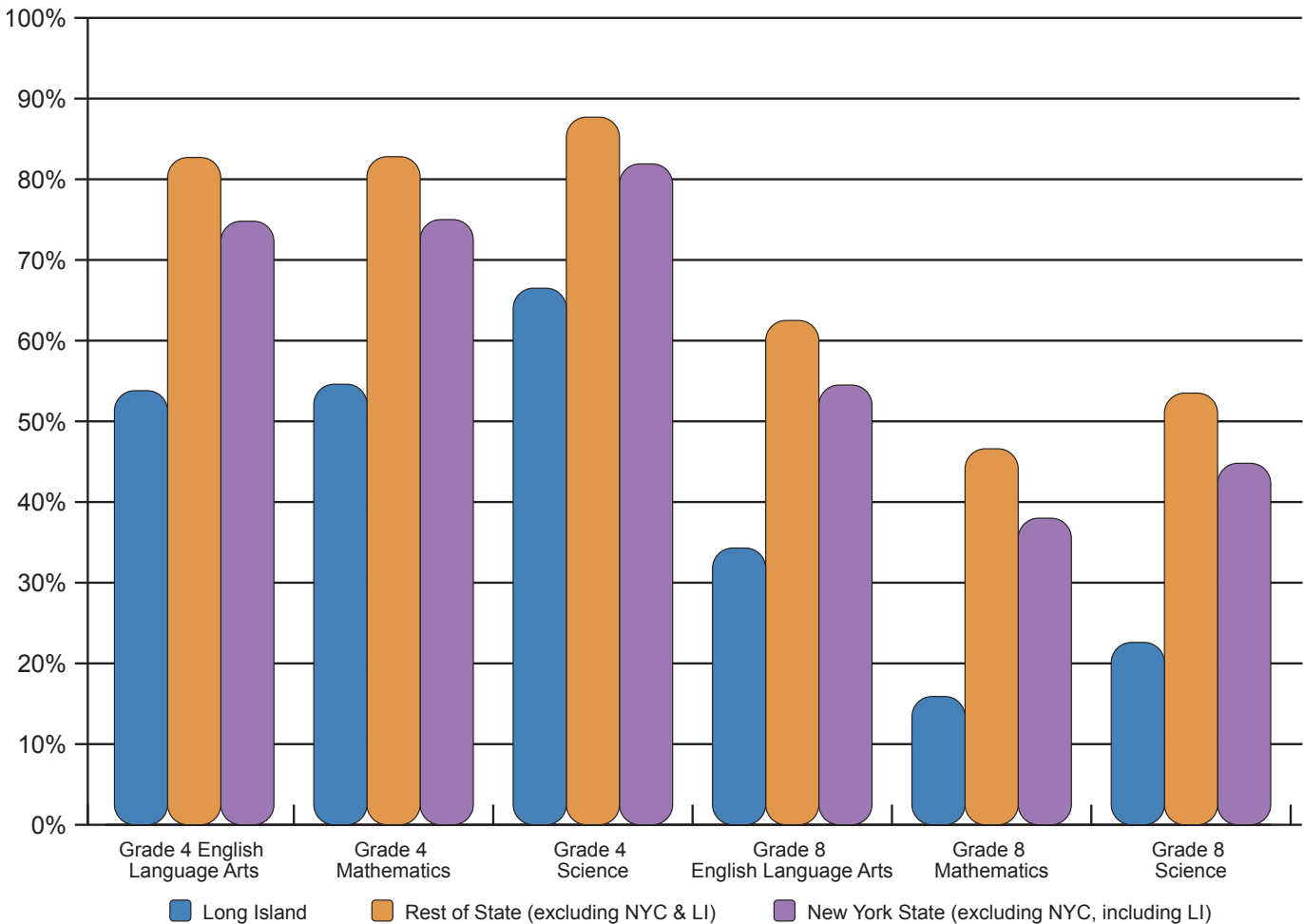
TABLE 1a

Participation of Long Island Students in Elementary and Middle Level Assessments

Assessments	Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%
Grade 4 Enrollment	32,878		86,870		119,748	
Grade 4 English Language Arts	17,680	53.8	71,867	82.7	89,547	74.8
Grade 4 Mathematics	17,949	54.6	71,895	82.8	89,844	75.0
Grade 4 Science	21,875	66.5	76,170	87.7	98,045	81.9
Grade 8 Enrollment	34,787		89,062		123,849	
Grade 8 English Language Arts	11,924	34.3	55,625	62.5	67,549	54.5
Grade 8 Mathematics	5,533	15.9	41,477	46.6	47,010	38.0
Grade 8 Science	7,853	22.6	47,630	53.5	55,483	44.8

Description: The number (N) of Long Island elementary and middle level students who were tested and the percentage of students who participated in the specified grade assessment. Note: Enrollment numbers include students who may qualify for alternate/other assessments or exemptions.

Source: New York State Education Department, 2016-17 School Report Card database.



Key Fact:

1. The percentage of Long Island's students participating in Elementary and Middle Level Assessments was significantly less than the rest of the state.

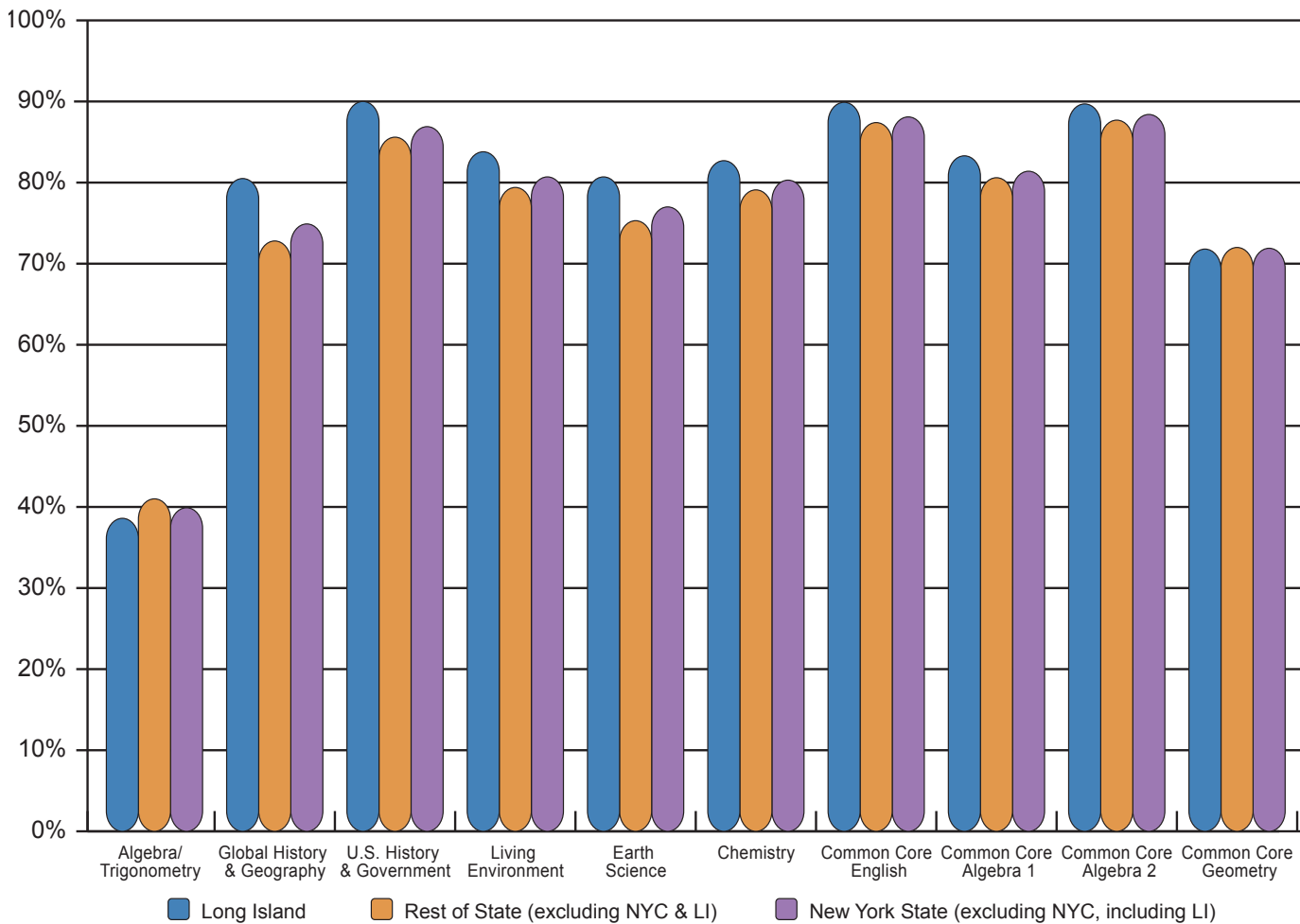
TABLE 2

**Percentage of Secondary Students Scoring 65+ on Regents Exams/
3, 4, or 5 on Common Core Exams**

Regents	Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%
Algebra/Trigonometry	1,958	38.6	2,448	41.0	4,406	39.9
Global History and Geography	39,578	80.5	105,329	72.8	144,907	74.9
U.S. History and Government	38,029	90.0	93,015	85.6	131,044	86.9
Living Environment	41,514	83.8	102,250	79.4	143,764	80.7
Earth Science	33,958	80.7	75,733	75.3	109,691	77.0
Chemistry	24,739	82.7	49,118	79.1	73,857	80.3
Common Core English	37,971	89.9	93,760	87.4	131,731	88.1
Common Core Algebra 1	44,810	83.3	111,462	80.6	156,272	81.4
Common Core Algebra 2	23,177	89.7	41,915	87.7	65,092	88.4
Common Core Geometry	34,453	71.8	66,999	72.0	101,452	71.9

Description: The number of secondary students tested (N) and the percentage who scored 65+ on the New York State Regents, and 3, 4, or 5 on Common Core Regents 2016-17.

Source: New York State Education Department, 2016-17 School Report Card database.



Key Fact:

1. Long Island's secondary students consistently outperformed other students statewide on eight of the ten Regents/Common Core exams.

TABLE 3

Percentage of Students in Long Island’s Least-Wealthy and Wealthiest School Districts Passing the Elementary/Middle Level Assessments and Regents Exams

Elementary and Middle Level Students Scoring at Levels 3 or 4 on Assessments and 3, 4, or 5 on NYSESLAT										
	Long Island Least-Wealthy Districts (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Grade 4 English Language Arts	3,575	28.6	1,190	67.6	17,680	48.5	71,867	36.9	89,547	39.2
Grade 4 Mathematics	3,682	30.1	1,230	68.6	17,949	50.4	71,895	42.3	89,844	43.9
Grade 4 Science	4,202	83.3	1,348	94.6	21,875	91.2	76,170	86.2	98,045	87.3
Grade 8 English Language Arts	2,047	22.0	988	65.3	11,924	50.4	55,625	41.2	67,549	42.8
Grade 8 Mathematics*	1,371	3.1	393	42.0	5,533	15.3	41,477	16.8	47,010	16.7
Grade 8 Science**	1,687	30.3	390	62.1	7,853	61.6	47,630	64.3	55,483	63.9
NYSESLAT***	17,837	75.8	1,889	79.7	39,435	78.8	49,483	79.0	88,918	78.9
Students Scoring 65+ on Regents Exams and 3, 4, or 5 on Common Core Exams										
	Long Island Least-Wealthy Districts (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Algebra/Trig****	298	29.9	35	40.0	1,958	38.6	2,448	41.0	4,406	39.9
Global History & Geography	6,179	61.9	2,452	82.0	39,578	80.5	105,329	72.8	144,907	74.9
U.S. History & Government	5,623	73.1	2,346	91.1	38,029	90.0	93,015	85.6	131,044	86.9
Living Environment	6,797	62.0	2,537	85.7	41,514	83.8	102,250	79.4	143,764	80.7
Earth Science	4,031	57.2	2,072	83.7	33,958	80.7	75,733	75.3	109,691	77.0
Chemistry	1,990	65.7	1,833	86.0	24,739	82.7	49,118	79.1	73,857	80.3
Common Core English	5,596	71.9	2,291	92.4	37,971	89.9	93,760	87.4	131,731	88.1
Common Core Algebra 1	7,583	64.1	2,607	86.0	44,810	83.3	111,462	80.6	156,272	81.4
Common Core Algebra 2	1,434	76.2	1,763	92.7	23,177	89.7	41,915	87.7	65,092	88.4
Common Core Geometry	3,751	48.2	2,262	81.7	34,453	71.8	66,999	72.0	101,452	71.9

Description: Number tested (N) and percentage of Long Island elementary and middle level students who scored at levels 3 or 4 on state assessments and 3, 4, or 5 on the New York State English as a Second Language Achievement Test (NYSESLAT), as well as the number tested (N) and percentage of secondary students who scored 65 or above on the New York State Regents, and 3, 4, or 5 on Common Core Regents, 2016-17. The least-wealthy school districts are those that serve 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWR in the region.

*Grade 8 Math - 8 of the 9 least-wealthy districts and 6 of the 9 wealthiest districts reported data.
 **Grade 8 Science - 8 of the 9 least-wealthy districts and 5 of the 9 wealthiest districts reported data.
 ***NYSESLAT – 8 of the 9 wealthiest districts reported data.
 ****Algebra/Trig – 8 out of 9 least-wealthy districts and 4 out of 9 wealthiest districts reported data.

Source: New York State Education Department, 2016-17 School Report Card database.

Key Facts:

1. Long Island’s least-wealthy school districts’ performance on required assessments, depending on the exam results under study, are anywhere from 4 to 43 percentage points below the performance of the wealthiest school districts on Long Island.
2. Long Island’s least-wealthy school districts’ performance on required Regents Common Core exams, depending on the exam results under study, are anywhere from 10 to nearly 34 percentage points below the performance of the wealthiest school districts on Long Island.
3. Students in Long Island’s wealthiest districts continue to outperform the rest of the state in all measures.

TABLE 3 (cont'd)

Percentage of Students in Long Island's Least-Wealthy and Wealthiest School Districts Passing the Elementary/Middle Level Assessments and Regents Exams

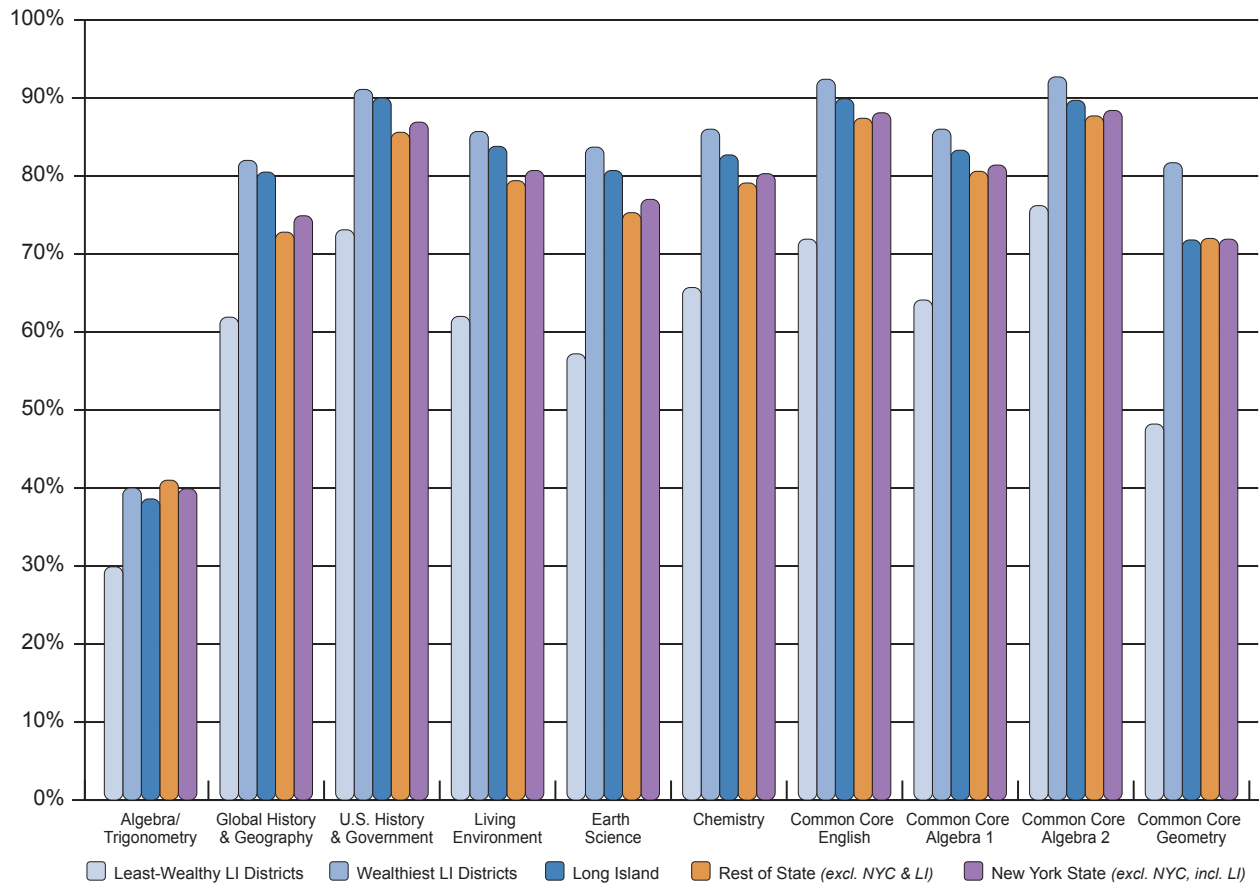
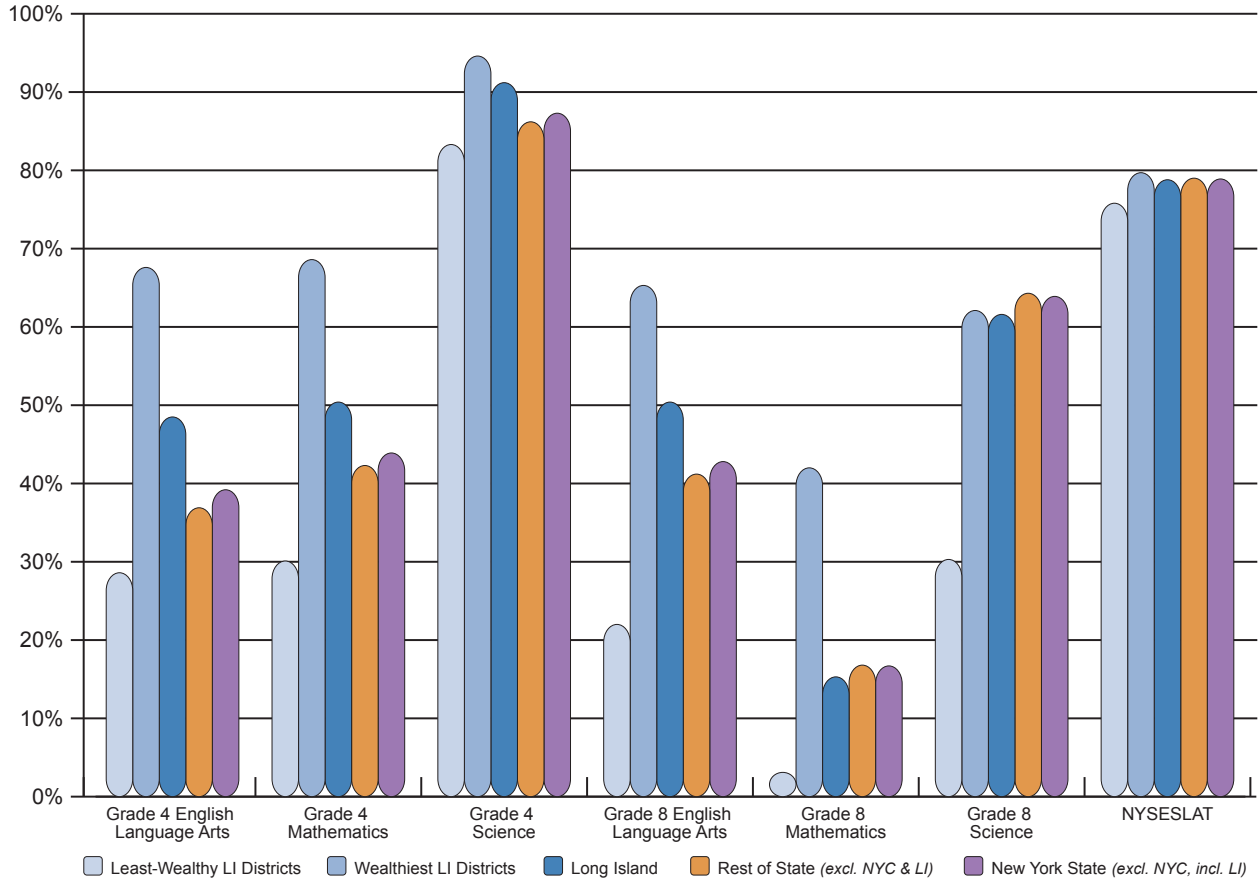


TABLE 3a

Participation of Long Island’s Least-Wealthy and Wealthiest School Districts in Elementary and Middle Level Assessments

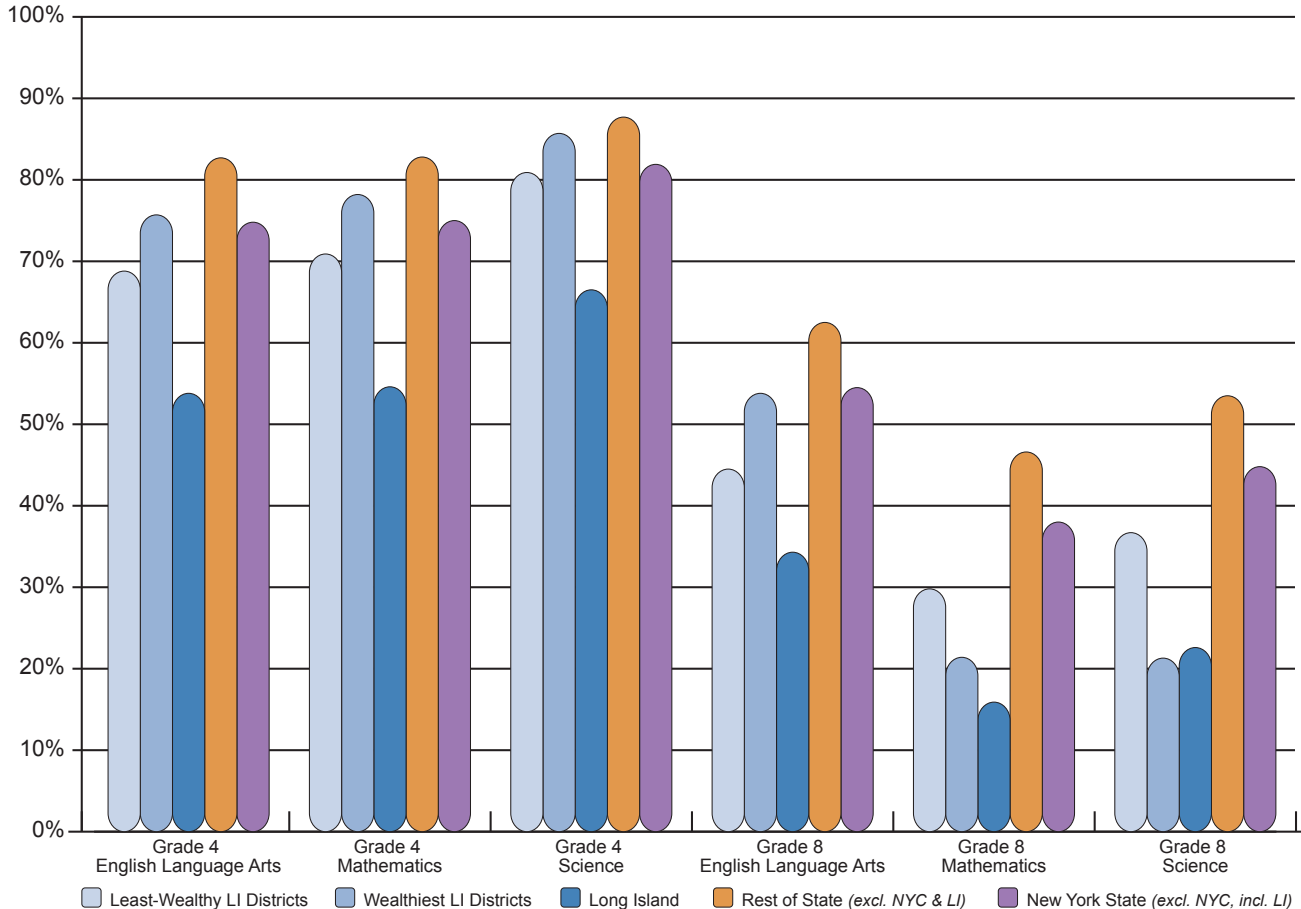
Assessments	Long Island Least-Wealthy Districts (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Grade 4 Enrollment	5,194		1,573		32,878		86,870		119,748	
Grade 4 English Language Arts	3,575	68.8	1,190	75.7	17,680	53.8	71,867	82.7	89,547	74.8
Grade 4 Mathematics	3,682	70.9	1,230	78.2	17,949	54.6	71,895	82.8	89,844	75.0
Grade 4 Science	4,202	80.9	1,348	85.7	21,875	66.5	76,170	87.7	98,045	81.9
Grade 8 Enrollment	4,600		1,835		34,787		89,062		123,849	
Grade 8 English Language Arts	2,047	44.5	988	53.8	11,924	34.3	55,625	62.5	67,549	54.5
Grade 8 Mathematics*	1,371	29.8	393	21.4	5,533	15.9	41,477	46.6	47,010	38.0
Grade 8 Science**	1,687	36.7	390	21.3	7,853	22.6	47,630	53.5	55,483	44.8

Description: The number (N) of Long Island elementary and middle level students who were tested and the percentage of students who participated in the specified grade assessment. The least-wealthy school districts are those that serve 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWRs in the region. Note: Enrollment numbers include students who may qualify for alternate/other assessments or exemptions.

*Grade 8 Math – 8 of the 9 least-wealthy districts and 6 of the 9 wealthiest districts reported data.

**Grade 8 Science – 8 of the 9 least-wealthy districts and 5 of the 9 wealthiest districts reported data.

Source: New York State Education Department, 2016-17 School Report Card database.



Key Fact:

1. The percentage of Long Island’s least-wealthy students participating in the Elementary and Middle Level Assessments was significantly greater than Long Island as a whole.

TABLE 4

Percentage of Students in New York State’s Least-Wealthy and Wealthiest School Districts Passing the Elementary/Middle Level Assessments and Regents Exams

Assessment Results – Number of Elementary and Middle Level Students Tested and Percentage Scoring at Levels 3 or 4 (3, 4, or 5 on NYSESLAT)												
	Long Island Least-Wealthy Districts* (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (22 districts) Total Enrollment 146,466		Rest of State (excl. LI & NYC) Wealthiest Districts (22 districts) Total Enrollment 66,082		New York State (excl. NYC, incl. LI) Least-Wealthy Districts*** (31 districts) Total Enrollment 198,898		New York State (excl. NYC, incl. LI) Wealthiest Districts (31 districts) Total Enrollment 97,580	
	N	%	N	%	N	%	N	%	N	%	N	%
Grade 4 English Language Arts	3,575	28.6	1,190	67.6	10,382	19.4	4,546	60.9	13,376	20.3	5,813	67.7
Grade 4 Mathematics	3,682	30.1	1,230	68.6	10,530	20.9	4,602	65.9	13,636	22.0	5,910	71.0
Grade 4 Science	4,202	83.3	1,348	94.6	10,813	68.1	4,765	94.1	14,308	70.7	6,480	95.8
Grade 8 English Language Arts	2,047	22.0	988	65.3	7,838	21.6	3,568	63.3	9,834	21.3	4,457	68.6
Grade 8 Mathematics	1,371	3.1	393	42.0	6,535	4.6	2,425	52.9	8,117	4.6	2,366	57.4
Grade 8 Science	1,687	30.3	390	62.1	6,998	33.6	2,334	83.7	8,836	32.9	2,749	84.9
NYSESLAT	17,837	75.8	1,889	79.7	15,662	71.2	3,130	85.8	28,787	72.7	4,718	83.7
Regents Exam Results – Number of Students Tested and Percentage Scoring 65+ (3, 4 or 5 on Common Core Exams)												
	Long Island Least-Wealthy Districts* (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (22 districts) Total Enrollment 146,466		Rest of State (excl. LI & NYC) Wealthiest Districts (22 districts) Total Enrollment 66,082		New York State (excl. NYC, incl. LI) Least-Wealthy Districts*** (31 districts) Total Enrollment 198,898		New York State (excl. NYC, incl. LI) Wealthiest Districts (31 districts) Total Enrollment 97,580	
	N	%	N	%	N	%	N	%	N	%	N	%
Algebra/Trigonometry	298	29.9	35	40.0	351	30.2	50	30.0	486	31.1	143	42.0
Earth Science	4,031	57.2	2,072	83.7	7,526	49.3	3,893	86.3	10,291	52.1	6,657	89.5
Global History & Geography	6,179	61.9	2,452	82.0	14,365	48.2	5,418	89.5	19,229	50.8	8,629	89.2
Living Environment	6,797	62.0	2,537	85.7	13,660	55.2	5,118	91.2	18,434	57.4	8,476	91.7
Chemistry	1,990	65.7	1,833	86.0	3,393	59.2	3,554	88.2	4,802	61.1	6,415	90.9
U.S. History & Government	5,623	73.1	2,346	91.1	10,846	67.9	5,018	95.7	15,297	68.7	8,376	95.3
Comprehensive English (Common Core)	5,596	71.9	2,291	92.4	11,040	72.3	5,292	96.6	15,300	72.2	8,582	95.4
Algebra 1 (Common Core)	7,583	64.1	2,607	86.0	16,115	57.8	5,906	92.3	21,763	59.8	9,240	92.7
Geometry (Common Core)	3,751	48.2	2,262	81.7	6,633	46.5	2,631	80.7	8,977	48.2	6,527	85.3
Algebra 2 (Common Core)	1,434	76.2	1,763	92.7	2,978	71.7	1,247	91.6	3,967	74.2	4,815	94.5

Description: Number tested and percentage of elementary and middle level students on Long Island and in the state who scored at levels 3 or 4 on state assessments and 3, 4, or 5 on the New York English as a Second Language Achievement Test (NYSESLAT), as well as the number tested and percentage of secondary students who scored 65 or above on the New York State Regents, and 3, 4, or 5 on Common Core Regents, 2016-17. The least-wealthy school districts are those that serve 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWR in the region.

*Long Island least-wealthy districts – 8 of 9 reported for Grade 8 Math, Grade 8 Science, and Algebra/Trig Regents. Wealthiest districts – 6 of 9 reported for Grade 8 Math; 5 of 9 for Grade 8 Science; 8 of 9 for NYSESLAT; 4 of 9 for Algebra/Trig Regents.

**Rest of State least-wealthy districts – 16 of 31 reported for NYSESLAT; 11 of 31 for Algebra/Trig Regents. Wealthiest districts – 21 of 31 reported for Grade 8 Math, Chemistry Regents, and Earth Science Regents; 17 of 31 for Grade 8 Science; 10 of 31 for Common Core Algebra 2; 15 of 31 for Common Core Geometry; 4 of 31 for Algebra/Trig Regents; 20 of 31 for NYSESLAT.

***New York State least-wealthy districts – 15 of 31 reported for Algebra/Trig Regents; 23 of 31 for NYSESLAT. Wealthiest districts – 25 of 31 reported for Grade 8 Math, Grade 8 Science, and Common Core Geometry; 30 of 31 for Chemistry and Earth Science Regents; 10 of 31 for Algebra/Trig Regents; 22 of 31 for Common Core Algebra 2; 28 of 31 for NYSESLAT.

Source: New York State Education Department, 2016-17 School Report Card database.

Key Facts:

1. New York State’s least-wealthy school districts’ performance on required assessments, depending on the exam results under study, are anywhere from 11 to nearly 53 percentage points below the performance of the wealthiest school districts in New York State.
2. New York State’s least-wealthy school districts’ performance on required Regents exams, depending on the exam results under study, are anywhere from 11 to over 38 percentage points below the performance of the wealthiest school districts in New York State.
3. The gap between least-wealthy and wealthiest districts across New York State is greater than it is on Long Island.

TABLE 4 (cont'd)

Percentage of Students in New York State's Least-Wealthy and Wealthiest School Districts Passing the Elementary/Middle Level Assessments and Regents Exams

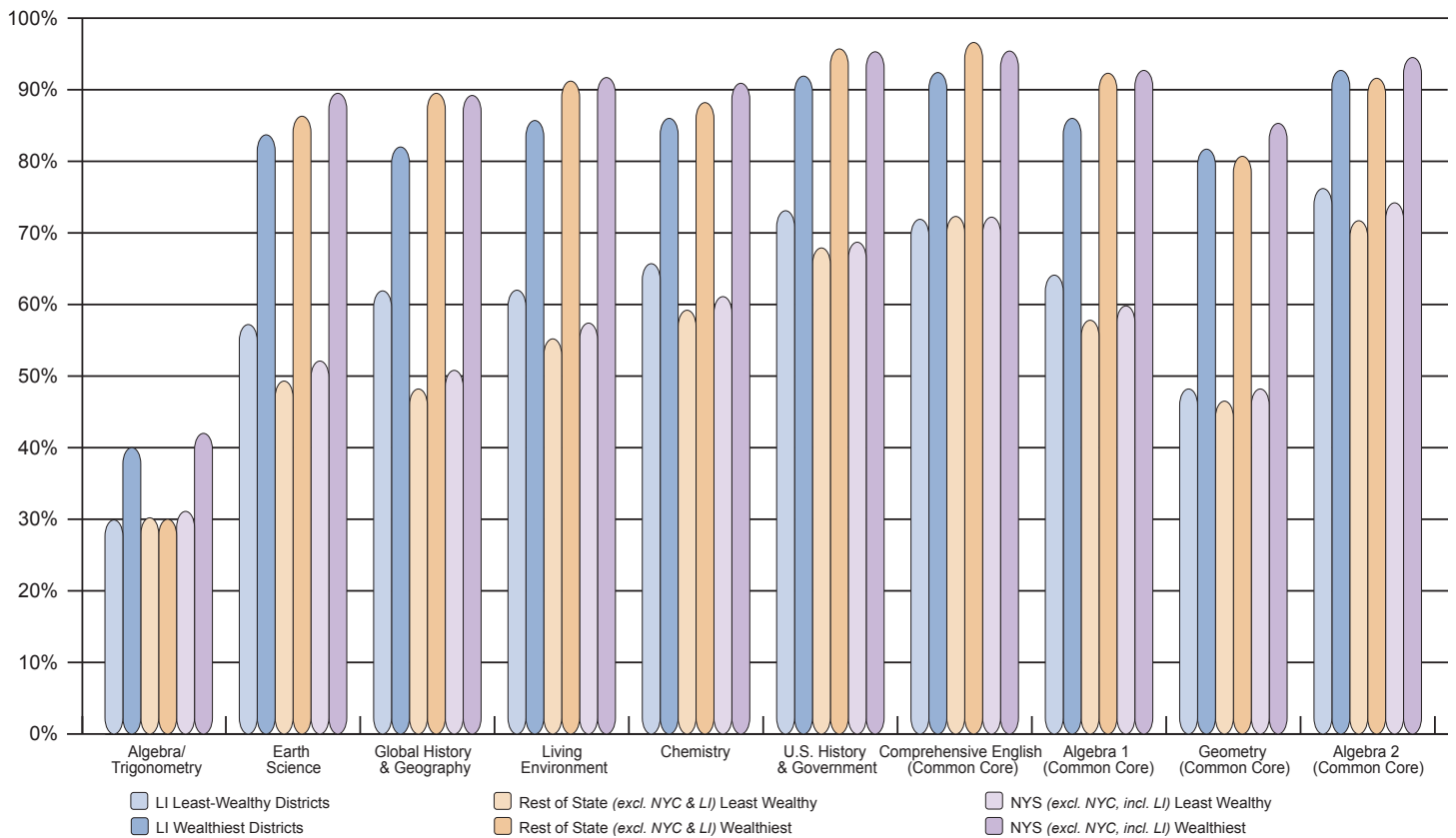
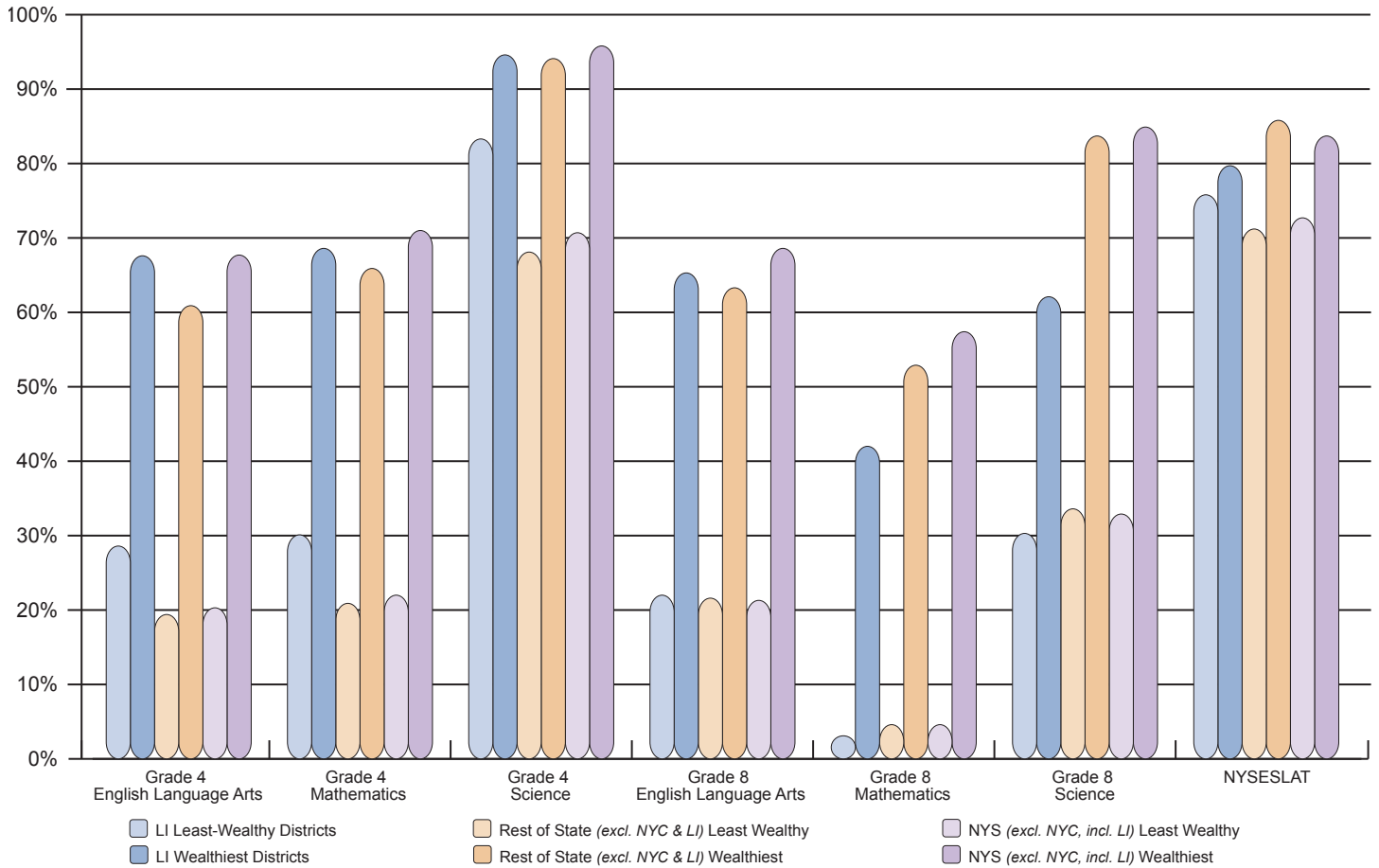


TABLE 4a

Participation of New York State’s Least-Wealthy and Wealthiest School Districts in Elementary and Middle Level Assessments

Assessments	Long Island Least-Wealthy Districts* (9 districts)		Long Island Wealthiest Districts (9 districts)		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (22 districts)		Rest of State (excl. LI & NYC) Wealthiest Districts (22 districts)		New York State (excl. NYC, incl. LI) Least-Wealthy Districts (31 districts)		New York State (excl. NYC, incl. LI) Wealthiest Districts*** (31 districts)	
	N	%	N	%	N	%	N	%	N	%	N	%
Grade 4 Enrollment	5,194		1,573		11,762		5,091		15,903		7,297	
Grade 4 English Language Arts	3,575	68.8	1,190	75.7	10,382	88.3	4,546	89.3	13,376	84.1	5,813	79.7
Grade 4 Mathematics	3,682	70.9	1,230	78.2	10,530	89.5	4,602	90.4	13,636	85.7	5,910	81.0
Grade 4 Science	4,202	80.9	1,348	85.7	10,813	91.9	4,765	93.6	14,308	90.0	6,480	88.8
Grade 8 Enrollment	4,600		1,835		10,553		5,237		14,245		7,778	
Grade 8 English Language Arts	2,047	44.5	988	53.8	7,838	74.3	3,568	68.1	9,834	69.05	4,457	57.3
Grade 8 Mathematics	1,371	29.8	393	21.4	6,535	61.9	2,425	46.3	8,117	57.0	2,366	30.4
Grade 8 Science	1,687	36.7	390	21.3	6,998	66.3	2,334	44.6	8,836	62.0	2,749	35.3

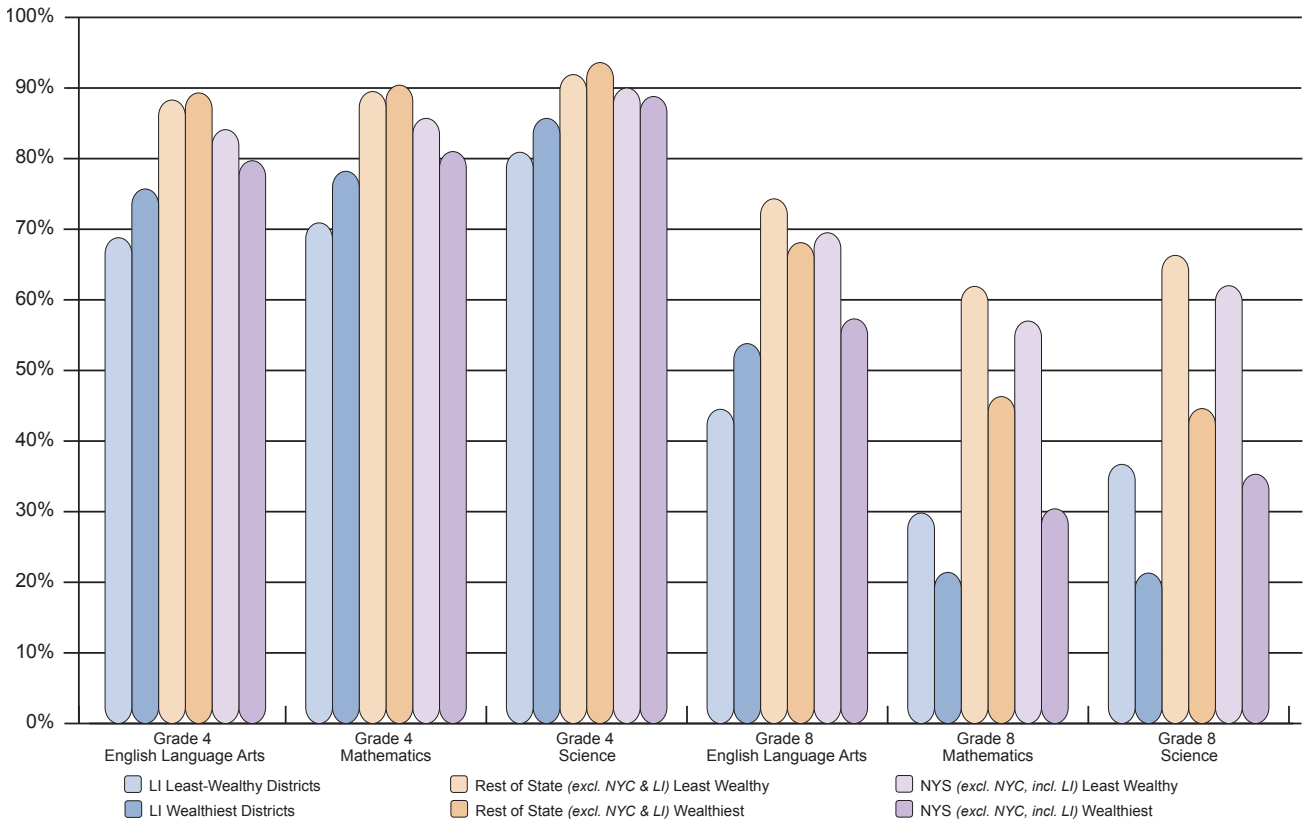
Description: The number (N) elementary and middle level students on Long Island and in the state who were tested and the percentage of students participated in the specified grade assessment. The least-wealthy school districts are those that service 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWRs in the region. Note: Enrollment numbers include students who may qualify for alternate/other assessments or exemptions.

*Long Island least-wealthy districts - 8 of 9 reported for Grade 8 Math and Grade 8 Science. Wealthiest districts - 6 of 9 reported for Grade 8 Math and 5 of 9 for Grade 8 Science.

**Rest of State wealthiest districts - 21 of 31 reported for Grade 8 Math; 17 of 31 for Grade 8 Science.

*** New York State wealthiest districts - 25 of 31 reported for Grade 8 Math and Grade 8 Science.

Source: New York State Education Department, 2016-17 School Report Card database.



Key Facts:

1. The percentage of Long Island’s least-wealthy students participating in the Elementary and Middle Level Assessments was lower than the least-wealthy students in the state, but significantly greater than Long Island as a whole.
2. The percentage of Long Island’s wealthiest students participating in the Elementary and Middle Level Assessments was lower than the wealthiest students in the state.

TABLE 5**New York State's Least-Wealthy and Wealthiest School Districts
Demographic and District Finance Data**

	Long Island Least-Wealthy Districts (9 districts)		Long Island Wealthiest Districts (9 districts)		Rest of State (excl. LI & NYC) Least-Wealthy Districts (22 districts)		Rest of State (excl. LI & NYC) Wealthiest Districts (22 districts)		New York State (excl. NYC, incl. LI) Least-Wealthy Districts (32 districts)		New York State (excl. NYC, incl. LI) Wealthiest Districts (32 districts)	
Total Enrollment	65,257		22,936		146,466		66,082		198,898		97,580	
Average Enrollment Per School District	7,251		2,548		6,658		3,004		6,416		3,148	
Demographics of Students	N	%	N	%	N	%	N	%	N	%	N	%
% White	6,862	10.5	12,978	56.6	54,859	37.5	43,150	65.3	64,770	32.6	64,375	66.0
% Black	13,250	20.3	924	4.0	50,174	34.3	2,871	4.3	59,471	29.9	3,088	3.2
% Hispanic	43,181	66.2	4,979	21.7	25,027	17.1	12,270	18.6	56,614	28.5	14,133	14.5
% Asian/Pacific Islander	1,104	1.7	3,509	15.3	9,421	6.4	5,545	8.4	10,125	5.1	13,364	13.7
% American Indian/Alaskan	160	0.2	134	0.6	1,117	0.8	56	0.1	1,229	0.6	207	0.2
% Multi-Racial	700	1.1	412	1.8	5,868	4.0	2,190	3.3	6,689	3.4	2,413	2.5
% Free/Reduced Lunch	46,901	71.9	6,012	26.2	109,360	74.7	9,262	14.0	146,983	73.9	14,913	15.3
% English Language Learners (ELL)	17,298	26.5	1,845	8.0	15,974	10.9	3,269	4.9	29,123	14.6	4,818	4.9
% Dropout Rate*	815	4.5	84	1.3	2,684	6.3	55	0.9	3,442	6.1	165	0.9
% Students with Disabilities	8,209	12.6	3,266	14.2	27,602	18.8	8,299	12.6	34,473	17.3	12,460	12.8
State Aid Share (State Aid as % of Total Aid)		54.7		5.6		71.2		7.7		68.9		6.4
State Aid with STAR (State Aid & STAR as % of Total Aid)		59.1		8.6		73.9		14.8		71.9		11.0
Average Per Pupil Expenditure	\$23,281		\$34,485		\$20,321		\$28,815		\$20,717		\$31,829	

Description: Total and average enrollment, percentage of students by race/ethnicity, Free/Reduced Lunch (FRL) eligibility, English Language Learners (ELL), and Dropout Rate for the least-wealthy and the wealthiest districts in New York State in 2016-17. Also, the state aid share (state aid as a percent of Total Aid), the state share with STAR (the total of State Aid and STAR as a percent of Total Aid) and the average per pupil expenditure for the least-wealthy and the wealthiest districts.

*Long Island - 8 of 9 least-wealthy districts and 6 of 9 wealthiest districts reported data. Rest of State - 21 of 22 least-wealthy districts and 5 of 22 wealthiest districts - 5 of 22 reported data. New York State - 29 of 31 least-wealthy districts and 14 of 31 wealthiest districts reported data.

Source: New York State Education Department, 2016-17 School Report Card database. Fiscal Analysis and Research Unit Fiscal Reporting System, 2015-16.

Key Facts:**On Long Island:**

1. There is a significantly higher percentage of minority students (89.5%) in the least-wealthy districts than there are in the wealthiest districts (43.4%).
2. There is a significantly higher percentage of students that receive free and reduced price lunch (71.9%) in the least-wealthy districts than there are in the wealthiest districts (26.2%).
3. The average enrollment of wealthy districts is significantly smaller (2,548 vs. 7,251), and the average per pupil expenditure is greater (\$34,485 vs. \$23,281).

Statewide:

1. Long Island's least-wealthy and wealthiest districts respectively receive significantly less state aid than both the least-wealthy and wealthiest districts in New York State.
2. Long Island's least-wealthy and wealthiest districts both have a significantly higher percentage of minority students than districts across New York State.
3. Long Island districts have a higher percentage of English Language Learners than their counterparts in New York State.
4. Free and reduced price lunch income qualifications are not regionally adjusted. Along with a higher cost of living, Long Island also has a high number of students qualifying for free and reduced price lunch.

TABLE 5 (cont'd)

**New York State's Least-Wealthy and Wealthiest School Districts
Demographic and District Finance Data**

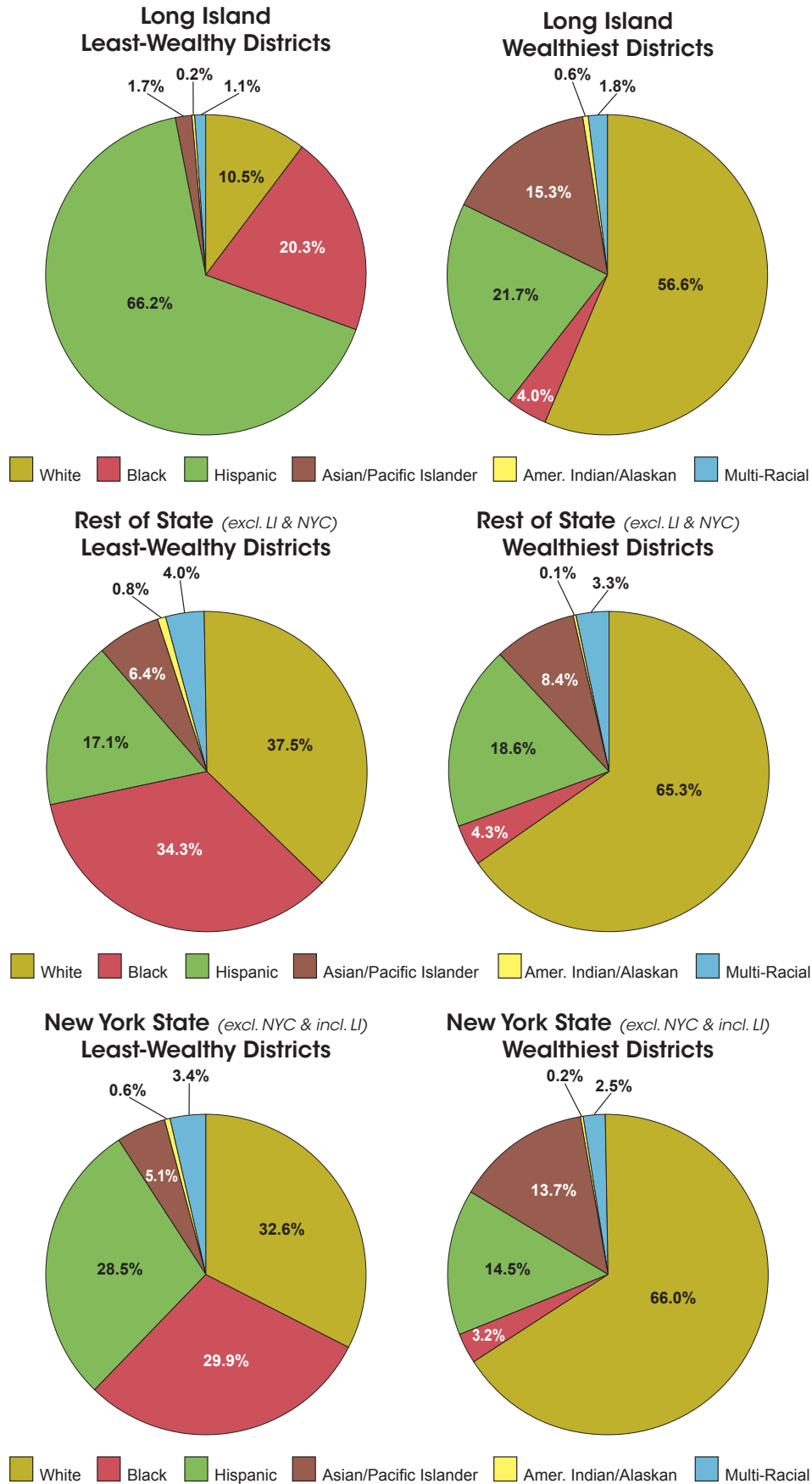


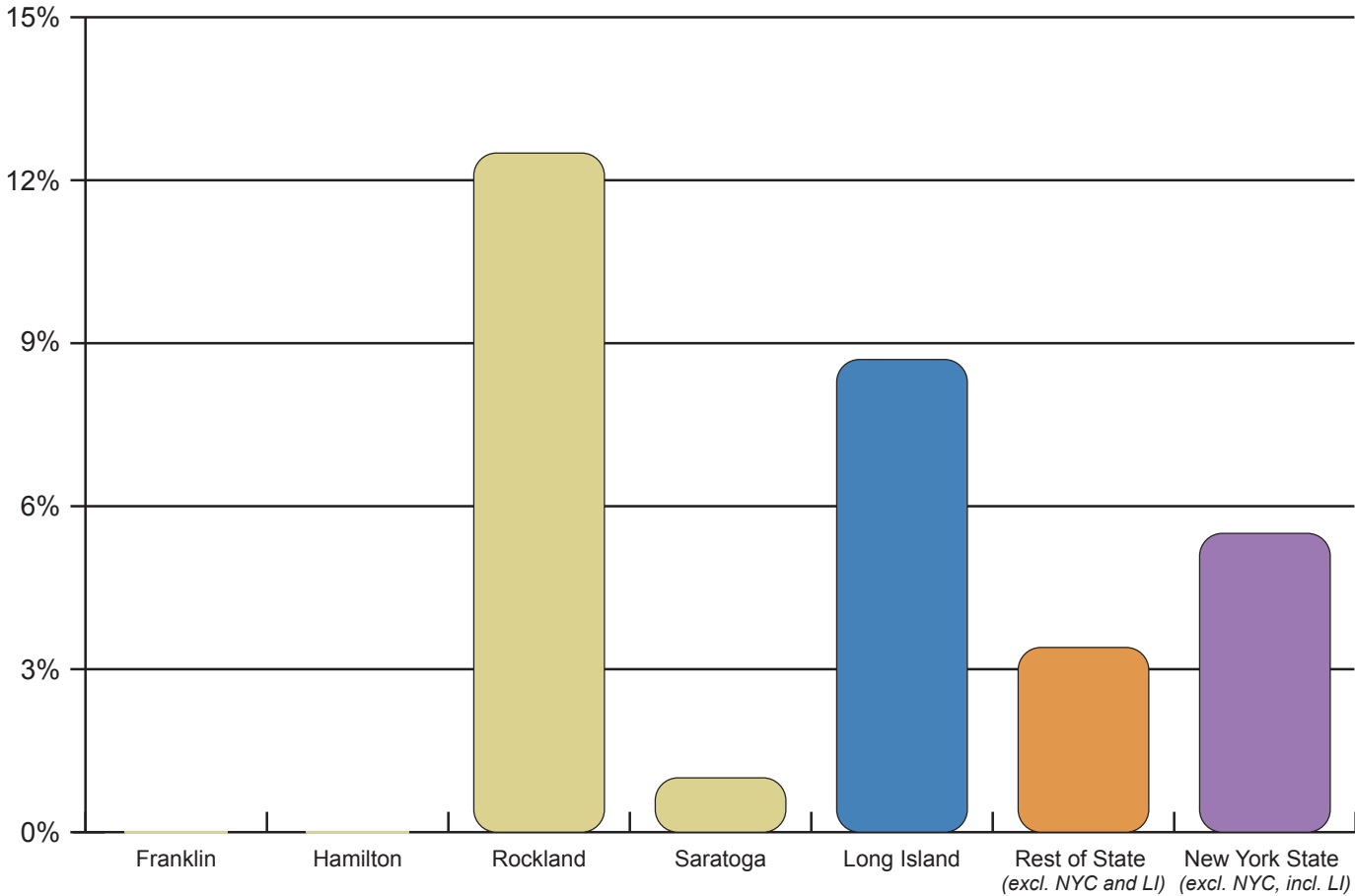
TABLE 6**Students Classified as English Language Learners (ELLs)
as a Percentage of Enrollment**

Rank	County/Region	Total Enrollment	% Classified as ELL	
			N	%
1	Franklin	7,158	0	0.0
1	Hamilton	401	0	0.0
56	Rockland	39,237	4,909	12.5
Median 28	Saratoga	33,329	327	1.0
55	Long Island	437,890	38,212	8.7
	Rest of State (excluding NYC and LI)	1,434,539	49,405	3.4
	New York State (excluding NYC, including LI)	1,581,353	87,617	5.5

Description: Number of English Language Learner (ELL) students enrolled in public schools, divided by the total public school enrollment of the region. Rankings closer to 1 indicate smaller percentages of Limited English Proficient students.

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking the percentage of ELL students from lowest (1) to highest (56).

Source: New York State Education Department, 2016-17 School Report Card database.

**Key Fact:**

1. The only region that served a greater percentage of ELL students than Long Island (8.7%) is Rockland County (12.5%), and New York City served 15%.

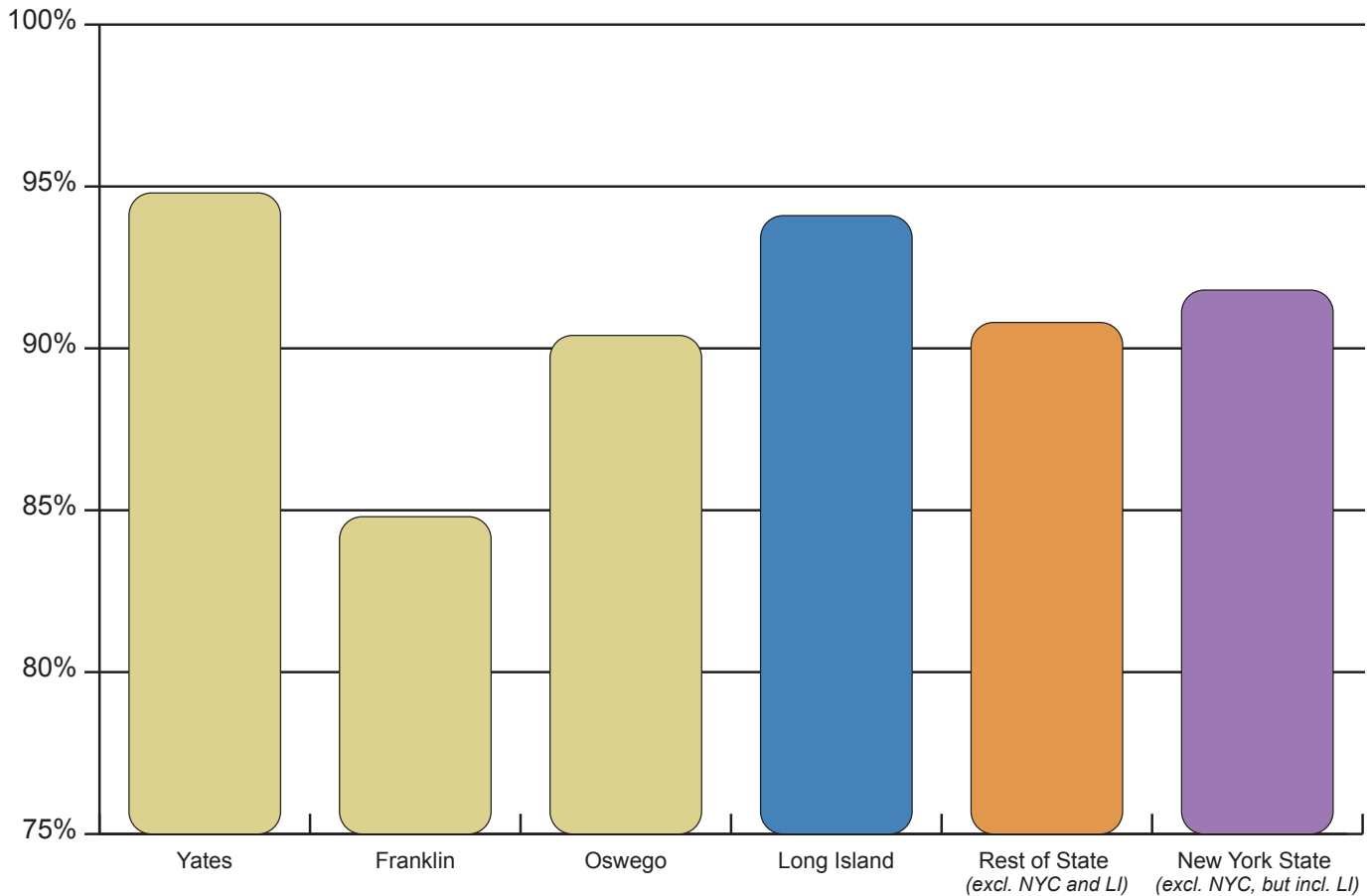
TABLE 7**Percentage of High School Graduates Earning a Regents Diploma**

Rank	County/Region	Number of Completers	Earning Regents Diploma	
			N	%
1	Yates	172	163	94.8
56	Franklin	525	445	84.8
Median 28	Oswego	1,423	1,286	90.4
2	Long Island	34,733	32,667	94.1
	Rest of State (excluding NYC and LI)	84,241	76,531	90.8
	New York State (excluding NYC, including LI)	118,974	109,198	91.8

Description: Percentage of 2016-17 high school graduates who satisfied the requirements established by New York State for award of a Regents endorsed diploma. The requirements for awarding the Regents Diploma consist of the completion of appropriate credits, coursework, and Regents examinations. The number of completers represents the total number of high school graduates who received diplomas.

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking percentage of graduates earning a Regents Diploma from highest (1) to lowest (56).

Source: New York State Education Department, 2016-17 School Report Card database.

**Key Facts:**

1. Long Island ranked above the statewide median in the percentage of high school students graduating with a Regents Diploma.
2. Ten years ago (during the 2006-07 school year), an average of 90.1% of Long Island students graduated with a Regents Diploma. In 2016-17, the percentage of Long Island high school graduates who earned a Regents Diploma had increased by 4 percentage points (94.1%).

TABLE 7 (cont'd)

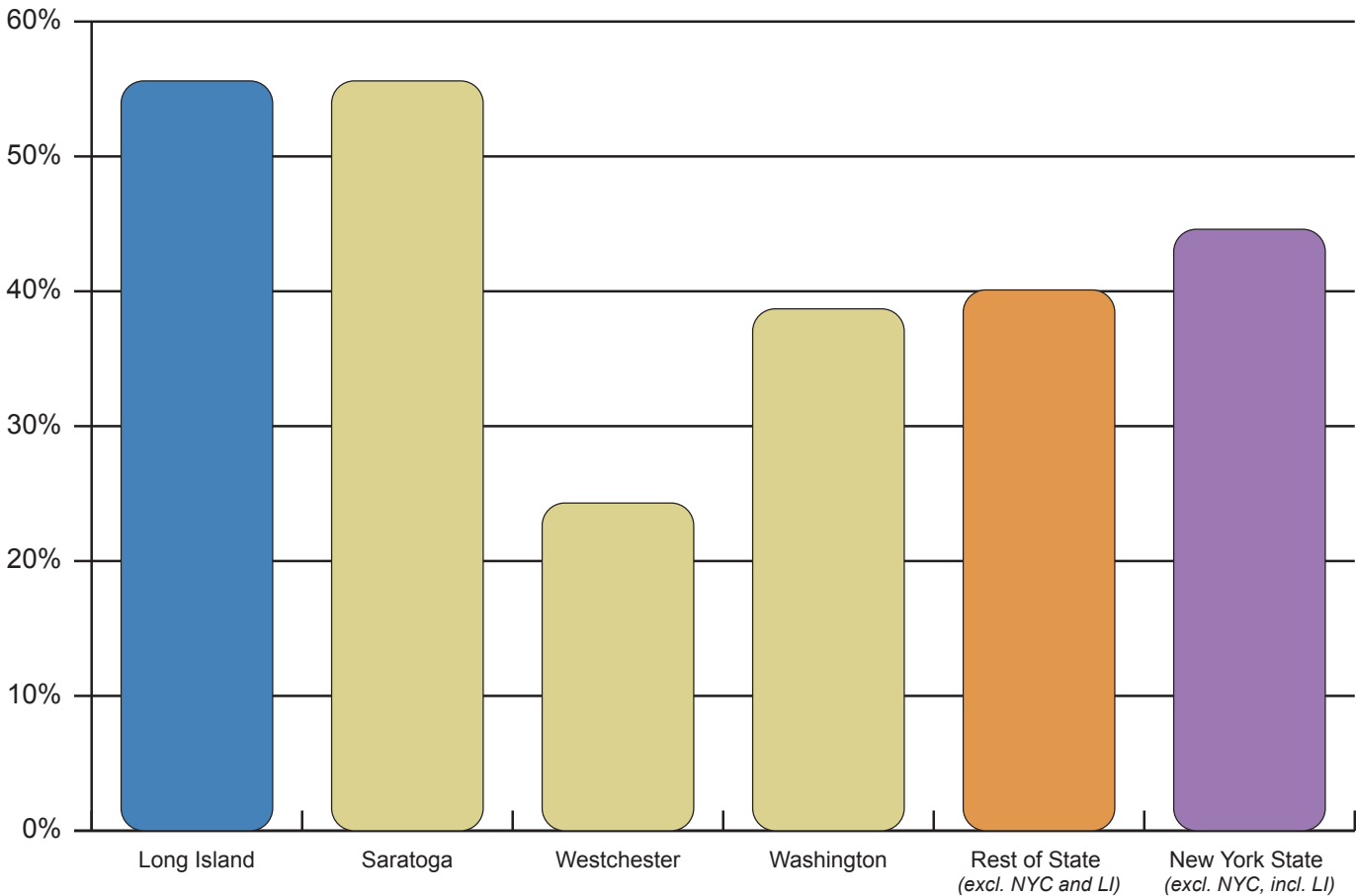
**Percentage of High School Graduates
Earning a Regents Diploma with Advanced Designation**

Rank	County/Region	Number of Completers	Earning Regents Diploma with Advanced Designation	
			N	%
1	Long Island	34,733	19,317	55.6
1	Saratoga	2,585	1,438	55.6
56	Westchester	10,462	2,547	24.3
Median 28	Washington	584	226	38.7
	Rest of State (excluding NYC and LI)	84,241	33,768	40.1
	New York State (excluding NYC, including LI)	118,947	53,085	44.6

Description: Percentage of 2016-17 high school graduates who satisfied the requirements established by New York State for award of a Regents Diploma with Advanced Designation. The requirements for awarding the Regents Diploma with Advanced Designation consist of those for a Regents Diploma, with the completion of additional credits, coursework, and Regents examinations. The number of completers represents the total number of high school graduates who received diplomas.

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking percentage of graduates earning a Regents Diploma with Advanced Designation from highest (1) to lowest (56).

Source: New York State Education Department, 2016-17 School Report Card database.



Key Facts:

1. Long Island ranked the highest along with Saratoga, in the percentage of high school students graduating with a Regents Diploma with Advanced Designation.
2. Ten years ago (during the 2006-07 school year), an average of 53.2% of Long Island students graduated with a Regents Diploma with Advanced Designation. In 2016-17, the percentage of high school graduates who earned a Regents Diploma with Advanced Designation had increased by 2.4 percentage points (55.6%).

TABLE 8**Percentage of High School Graduates Entering Post-Secondary Education**

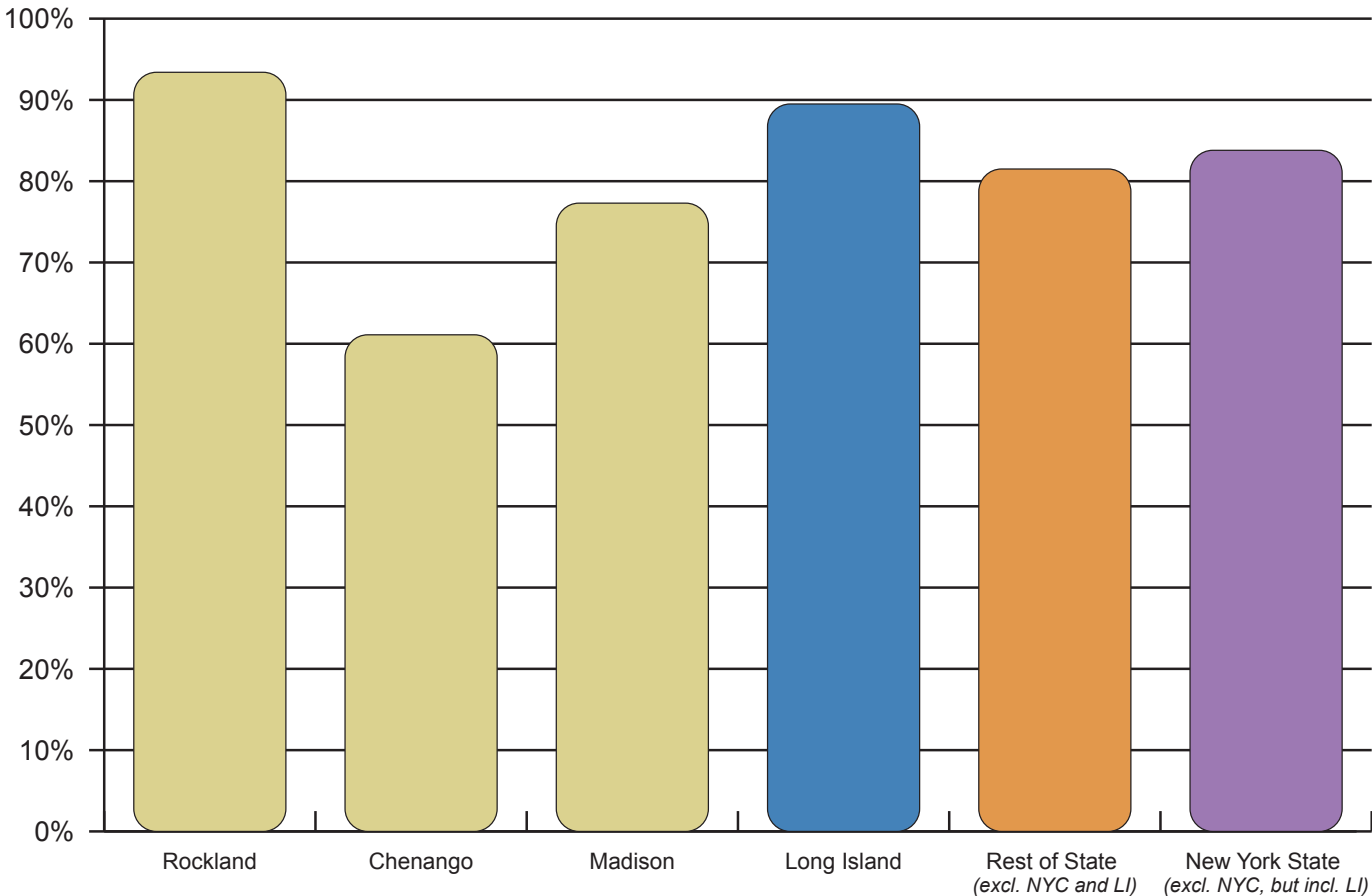
Rank	County/Region	Number of Completers* Reporting	Entering Post-Secondary Education	
			N	%
1	Rockland	2,889	2,697	93.4
56	Chenango	545	333	61.1
Median 28	Madison	715	553	77.3
4	Long Island	34,733	31,101	89.5
	Rest of State (excluding NYC and LI)	84,241	68,656	81.5
	New York State (excluding NYC, including LI)	118,974	99,757	83.8

Description: Percentage of 2016-17 high school graduates entering post-secondary education (4-year, 2-year and other post-secondary education). The number of completers represents the number of high school graduates who received diplomas.

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking percentage of graduates continuing post-secondary education from highest (1) to lowest (56).

Source: New York State Education Department, 2016-17 School Report Card database.

*Figures include completers earning Individualized Education Program diplomas.

**Key Fact:**

1. Long Island ranked fourth in the percentage of graduates (89.5%) planning to enter post-secondary education in 2016-17.

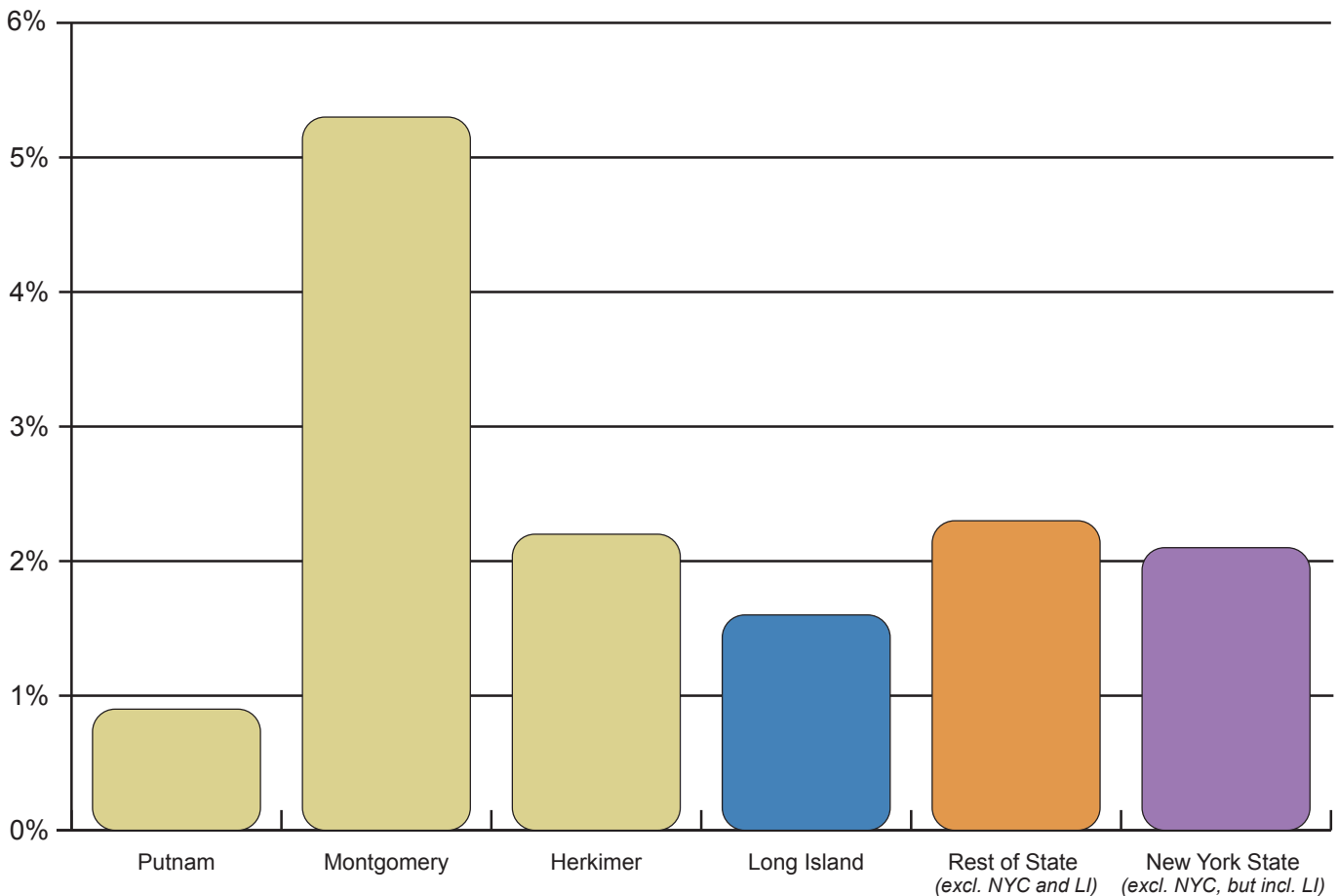
TABLE 9
Dropout Rate

Rank	County/Region	Total Enrollment	% Dropout Rate
1	Putnam	14,237	0.9
55	Montgomery	7,254	5.3
Median 28	Herkimer	8,902	2.2
9	Long Island	437,890	1.6
	Rest of State (excluding NYC and LI)	1,143,463	2.3
	New York State (excluding NYC, including LI)	1,581,353	2.1

Description: Percentage of students who were recorded by their school districts as having left school in 2016-17 prior to graduation without entry into another school or alternative program. Areas with the lowest percentage of students who completed high school are ranked closer to 1.

Method of Ranking: Long Island was compared to the other 54 counties in New York State (excludes Hamilton County, for which no data was available, and New York City) by ranking the percentage of dropouts from lowest (1) to highest (55).

Source: New York State Education Department, 2016-17 School Report Card database.



Key Fact:

1. The percentage of Long Island students reported as dropping out of school (1.6%) was below the statewide median (2.2%) in the 2016-17 school year.

TABLE 10

Youth Risk Indicators and Outcome Measures Among Long Island’s Least-Wealthy and Wealthiest School Districts

	Long Island Least-Wealthy Districts (9 districts) Enrollment 65,257		Long Island Wealthiest Districts (9 districts) Total Enrollment 22,936		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
% English Language Learners	17,298	26.5	1,845	8.0	38,212	8.7	49,405	3.4	87,617	5.5
% Free and Reduced Lunch	46,901	71.9	6,012	26.2	143,525	32.8	503,028	44.0	646,553	40.9
% Students with Disabilities	8,209	12.6	3,266	14.2	61,531	14.1	170,620	14.9	232,151	14.7
% Dropout Rate*	815	4.5	84	1.3	2,256	1.6	8,413	2.3	10,669	2.1
% Students Graduating with Regents Diploma**	3,476	89.8	2,009	95.8	32,667	94.1	76,531	90.8	109,198	91.8
% Students Graduating with Regents Diploma with Advanced Designation**	866	22.4	1,461	69.6	19,317	55.6	33,768	40.1	53,085	44.6
% Graduates to Post-Secondary Education	3,118	80.6	1,952	93.0	31,101	89.5	68,656	81.5	99,757	83.8

Description: Least-wealthy districts are those Long Island K-12 school districts with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,500+. Wealthiest districts are those Long Island school districts with the highest CWRs and student enrollment at 1,500+.

See Appendix D for a list of the least-wealthy and the wealthiest K-12 school districts on Long Island used for this analysis.

*7 of the 9 Long Island wealthiest districts and 8 of the 9 least-wealthy districts reported data.

**8 of the 9 Long Island wealthiest districts reported data.

Source: New York State Education Department, 2016-17 School Report Card database.

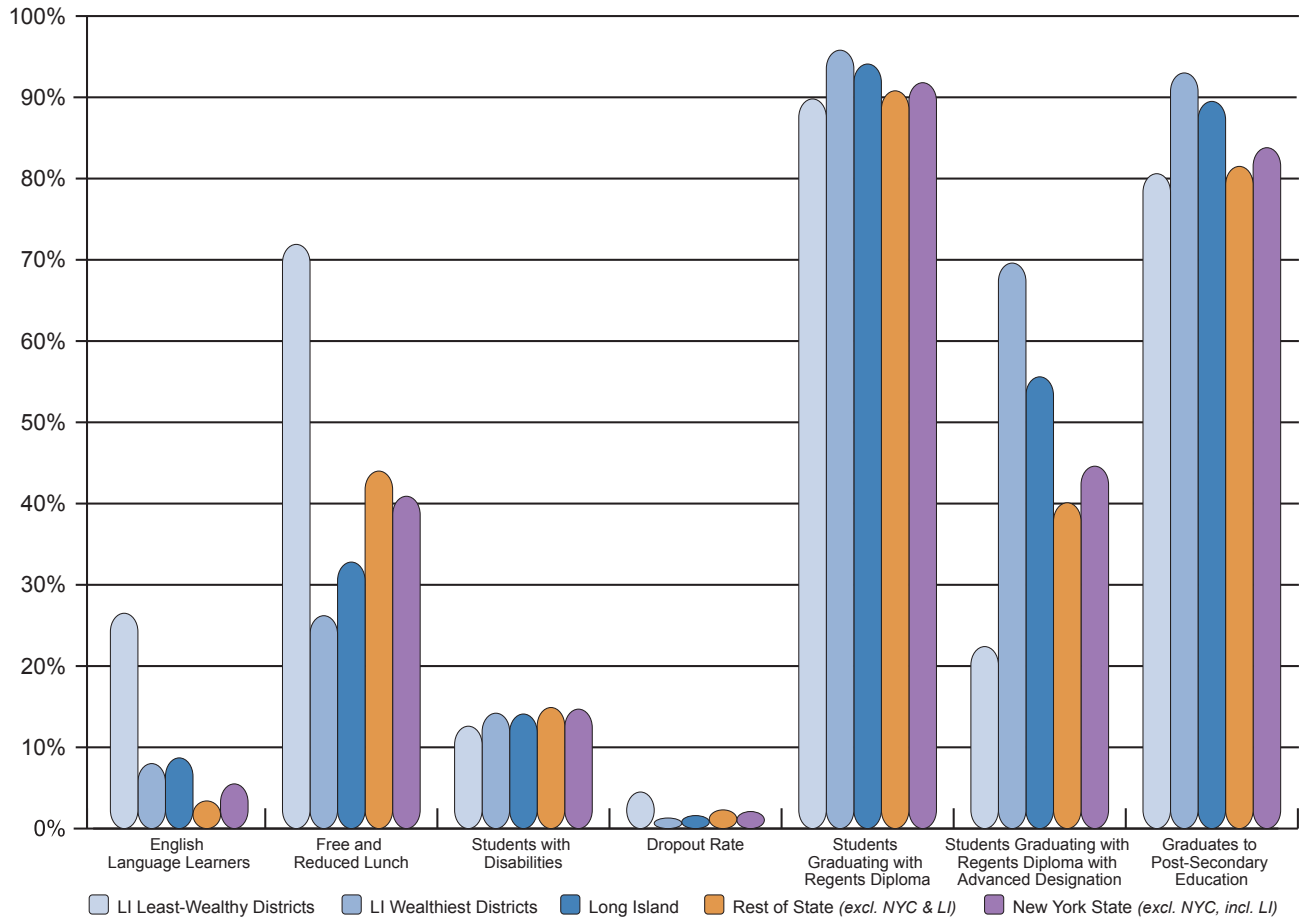


TABLE 10 (cont'd)

**Youth Risk Indicators and Outcome Measures Among
Long Island's Least-Wealthy and Wealthiest School Districts**

Key Facts:

1. Long Island's least-wealthy districts served a higher percentage of ELL students (26.5%) than Long Island as a whole (8.7%) and, as a group, served the highest percentage of ELL students in the state, when New York City (5.5%) was excluded.
2. The dropout rate in the least-wealthy school districts (4.5%) on Long Island was 3.2 percentage points greater than that of the wealthiest districts (1.3%), and 2.4 percentage points greater than New York State (2.1%).
3. The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma in 2016-17 (89.8%) was below the statewide median (90.4%, see Table 7) and significantly below Long Island's wealthiest school districts (95.8%).
4. The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma with Advanced Designation (22.4%) in 2016-17 was below the statewide median (38.7%) and well below Long Island's wealthiest school districts (69.6%).
5. Long Island's percentage of graduates entering post-secondary education ranked fourth highest in the state in 2016-17 (89.5%, see Table 8). However, for this same year, the percentage of students educated in Long Island's least-wealthy districts and planning to enter post-secondary education (80.6%) was above the statewide median (77.3%, see Table 8), but more than 12.4 percentage points below Long Island's wealthiest school districts (93.0%).

TABLE 11 Regional Cost Differences

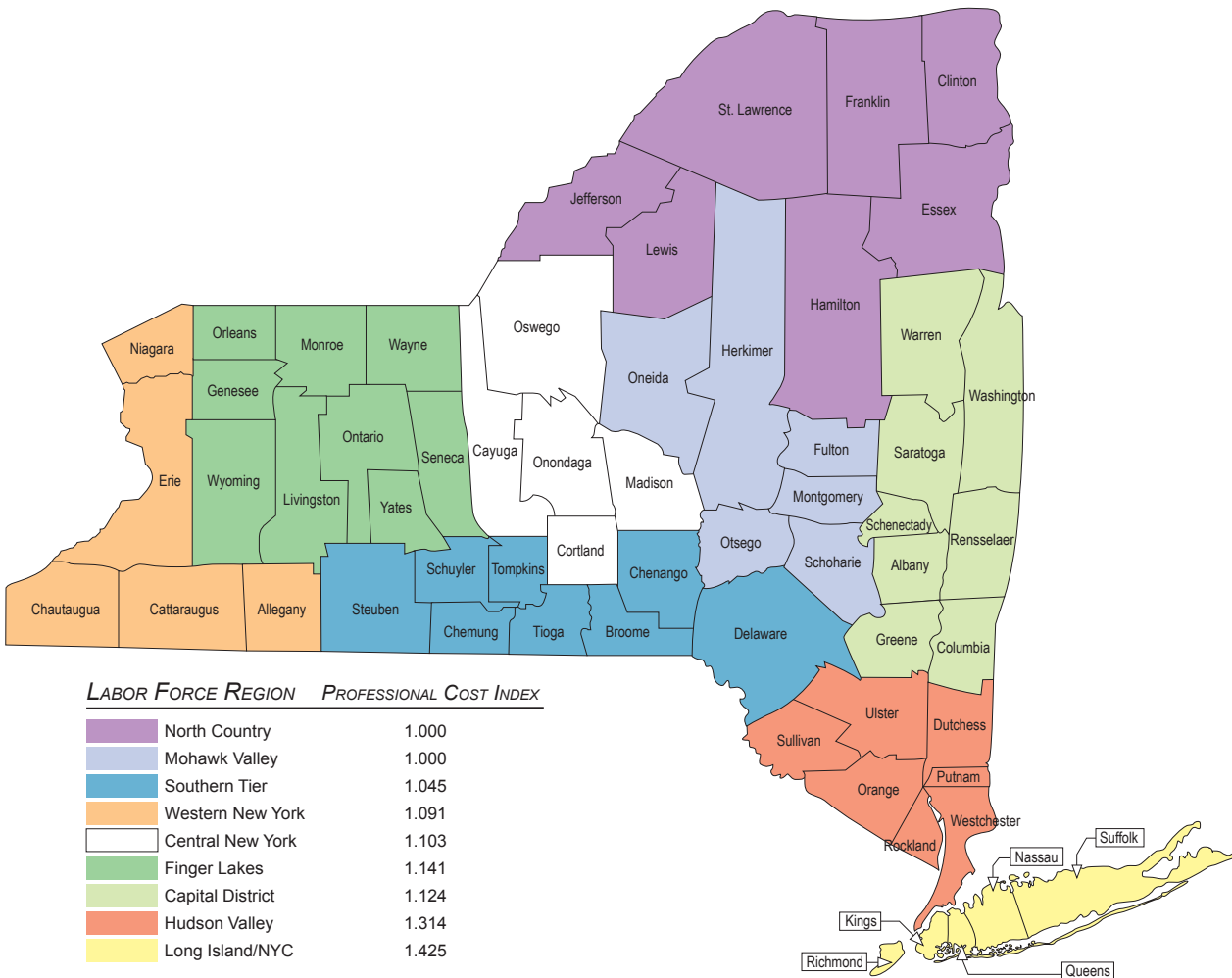
(Based on the Professional Cost Index for New York State Labor Force Regions)

Rank	Labor Force Region	Index Value	Purchasing Power \$1,000
1	North Country Mohawk Valley	1.000	\$1,000
9	Long Island/NYC	1.425	\$702
Median	Central New York	1.103	\$907

Description: This table presents cost differences by region as determined by the Professional Cost Index (2016). The Professional Cost Index reflects the professional service costs throughout the nine labor force regions of the state. The Professional Cost Index is based on median hourly wages for non-education professional titles statewide, obtained from the Occupational Employment Survey for New York State. The index begins at 1.00, being the labor force region with the lowest cost.

Method of Ranking: The nine Labor Force Regions were ranked by purchasing power using a Professional Cost Index derived from the New York State Education Department, Regional Cost Index (2016).

Source: New York State Education Department, Regional Cost Index (2016).



Key Facts:

1. The purchasing power of \$1,000 in the North Country and Mohawk Valley, the lowest cost regions in the state, is 42.5% greater than the purchasing power of \$1,000 on Long Island/NYC.
2. The purchasing power of \$1,000 in Central New York, the cost region at the median, is 29.1% greater than the purchasing power of \$1,000 on Long Island/NYC.
3. State aid dollars have less purchasing power on Long Island than any other region in the state.

TABLE 12
Comparative School Teacher Wage Data

Elementary School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$67,860	\$100,380	\$116,640
Long Island (adjusted)	\$47,621	\$70,442	\$81,853
Rest of State (excl. NYC & Long Island)	\$47,289	\$66,493	\$76,094
Rest of State (adjusted) (excl. NYC & Long Island)	\$42,825	\$60,057	\$68,672
New York State (excl. NYC, incl. Long Island)	\$49,574	\$70,258	\$80,599
New York State (adjusted) (excl. NYC, incl. Long Island)	\$43,358	\$61,211	\$70,137
Middle School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$79,200	\$103,580	\$115,770
Long Island (adjusted)	\$55,579	\$72,688	\$81,242
Rest of State (excl. NYC & Long Island)	\$48,186	\$68,403	\$78,515
Rest of State (adjusted) (excl. NYC & Long Island)	\$43,721	\$61,958	\$71,081
New York State (excl. NYC, incl. Long Island)	\$51,632	\$72,311	\$82,654
New York State (adjusted) (excl. NYC, incl. Long Island)	\$45,039	\$63,151	\$72,210
Secondary School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$70,140	\$100,600	\$115,920
Long Island (adjusted)	\$49,221	\$70,639	\$81,347
Rest of State (excl. NYC & Long Island)	\$49,276	\$70,083	\$80,488
Rest of State (adjusted) (excl. NYC & Long Island)	\$44,519	\$63,129	\$72,436
New York State (excl. NYC, incl. Long Island)	\$51,594	\$73,480	\$84,424
New York State (adjusted) (excl. NYC, incl. Long Island)	\$45,041	\$63,963	\$73,426

Description: Employment and wage data by occupation are based on the Occupational Employment Statistics (OES) survey, which collects information from approximately 51,000 businesses. Data were collected in 2013, 2014, 2015, 2016, and then updated to the first quarter of 2017 by making cost-of-living adjustments. Adjusted wages are derived from Regional Cost Differences. Rest of State and New York State wages are derived from averages of all labor force regions.

* Entry wage: The mean (average) of the bottom third of wages in an occupation.

** Experienced wage: The mean (average) of the top two-thirds of wages in an occupation.

Source: NYS Department of Labor, updated the first quarter of 2017.

Teacher Mean Wages

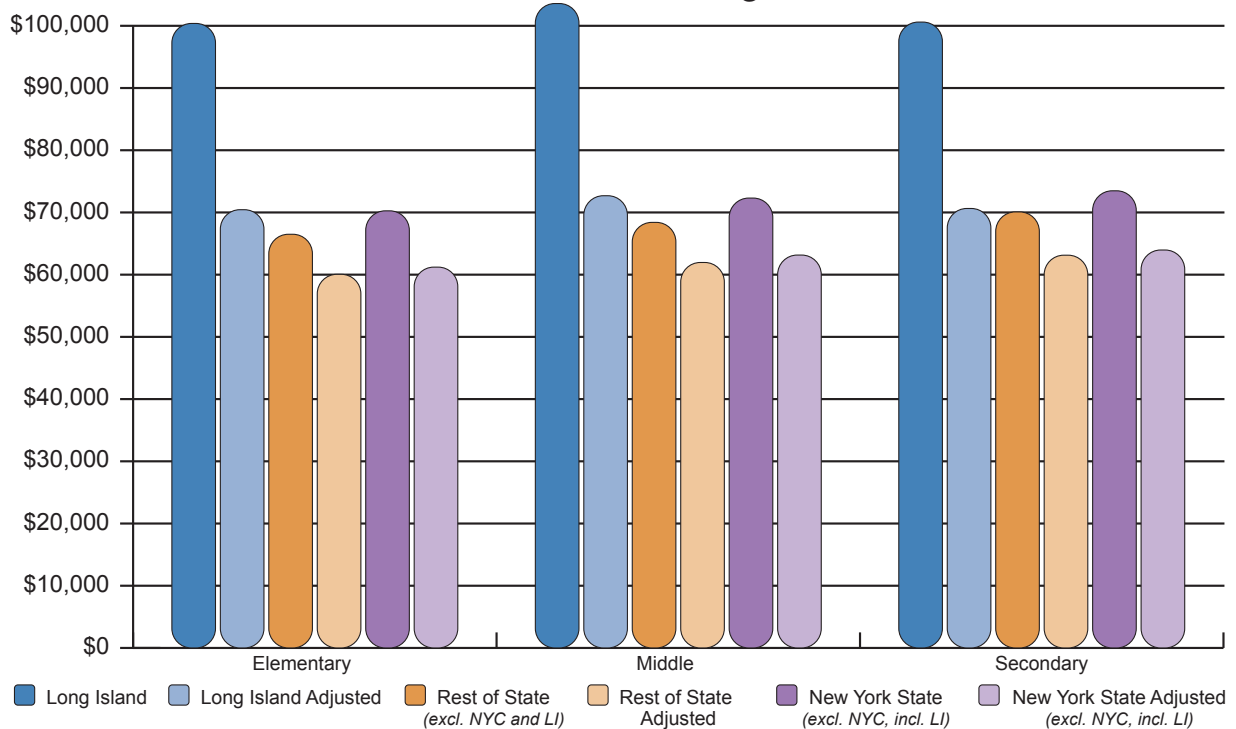


TABLE 13**Elementary, Middle, and Secondary School Teachers
Wage Data Compared to Other Long Island Occupations**

Title	Long Island	
	Employment Number	Mean (Average)
Management Analysts	3,440	\$133,190
Software Developers, Systems Software	2,020	\$113,400
Electrical Engineers	1,420	\$106,120
Legal Occupations	13,250	\$103,950
Middle School Teachers, Except Special and Career/Technical Education	6,590	\$103,580
Police and Sheriff's Patrol Officers	4,960	\$103,180
Secondary School Teachers, Except Special and Career/Technical Education	11,470	\$100,660
Elementary School Teachers, Except Special Education	13,470	\$100,380
Healthcare Practitioners and Technical Occupations	84,680	\$99,610
Mechanical Engineers	1,360	\$99,200
Special Education Teachers, Middle School	1,810	\$98,570
Information Security Analysts	640	\$98,240
Special Education Teachers, Secondary School	2,420	\$96,800
Plumbers, Pipefitters, and Steamfitters	5,990	\$96,560
Civil Engineers	1,880	\$95,000
Career/Technical Education Teachers, Secondary School	580	\$93,930
Accountants and Auditors	13,030	\$93,510
Special Education Teachers, Kindergarten and Elementary School	3,940	\$88,880
Securities, Commodities, and Financial Services Sales Agents	3,950	\$88,440
Physical Therapists	3,380	\$87,570
Registered Nurses	27,580	\$86,940
Special Education Teachers, Preschool	800	\$75,950
Insurance Underwriters	1,140	\$75,130
Web Developers	750	\$70,480
Electricians	5,740	\$66,320
Chefs and Head Cooks	1,460	\$64,700
Heavy and Tractor-Trailer Truck Drivers	9,940	\$57,190
Graphic Designers	1,740	\$50,980
Teacher Assistants	22,160	\$29,520

Description: Employment and wage data by occupation are based on the Occupational Employment Statistics (OES) survey, which collects information from approximately 51,000 businesses. Data were collected in 2013, 2014, 2015, 2016, and then updated to the first quarter of 2017 by making cost-of-living adjustments.

Source: NYS Department of Labor, updated the first quarter of 2017.

Key Fact:

1. Mean (average) wages for teachers on Long Island are comparable to wages in a wide variety of non-education occupations.

TABLE 14

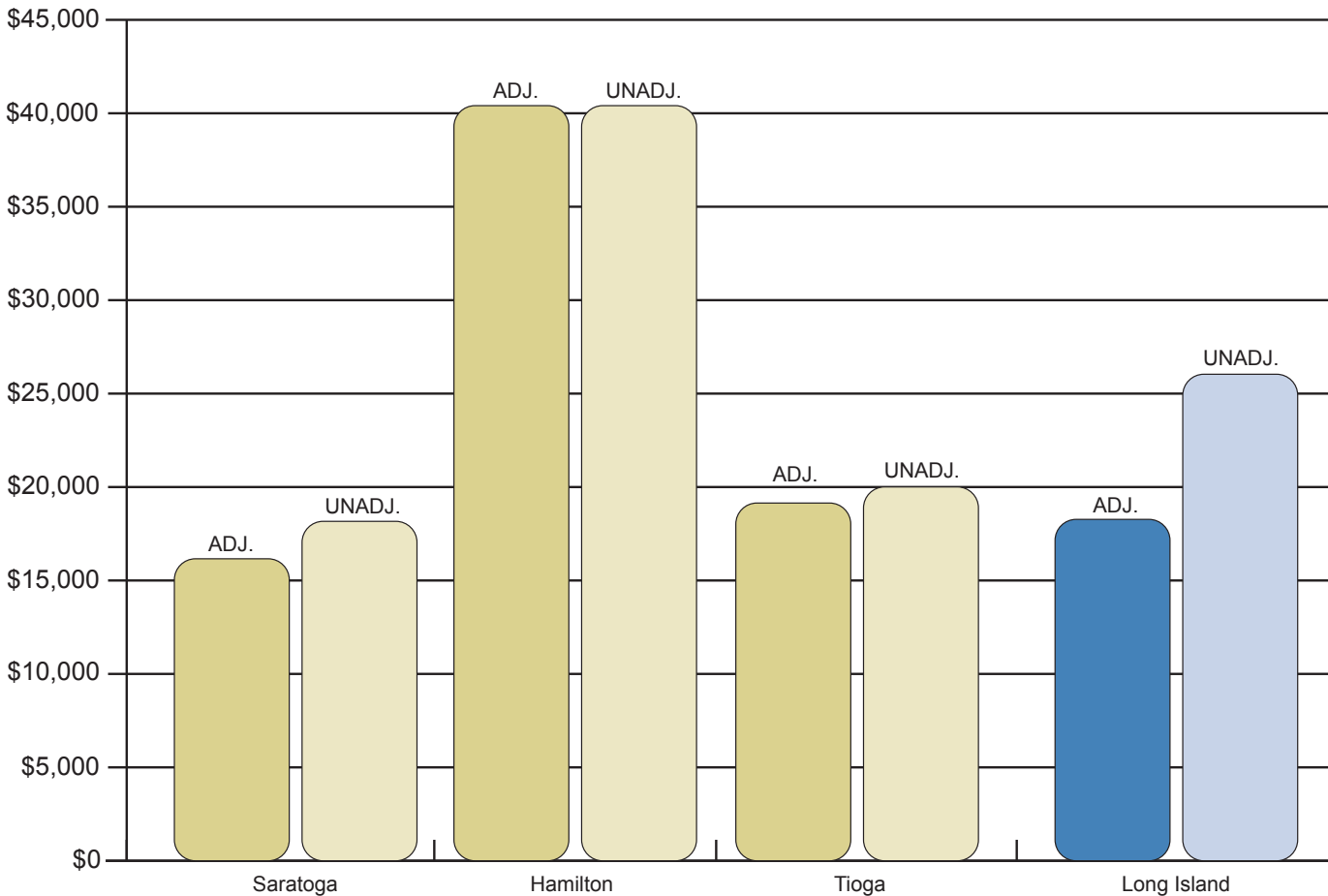
Regionally Adjusted Per Pupil Expenditures

Rank Adjusted	County/Region	2015-16 Enrollment	Per Pupil Expenditures Adjusted	Per Pupil Expenditures Unadjusted
1 (1 - unadj.)	Saratoga	33,517	\$16,161	\$18,165
56 (56 - unadj.)	Hamilton	413	\$40,408	\$40,408
Median 28 (16 - unadj.)	Tioga	7,305	\$19,144	\$20,006
17 (52 - unadj.)	Long Island	437,055	\$18,271	\$26,036

Description: The adjusted per pupil expenditures for Long Island compared to the other 55 counties (excluding New York City). The unadjusted rank and unadjusted per pupil expenditures for the counties/regions listed above are indicated within parentheses next to the adjusted figures.

Method of Ranking: Counties/regions were ranked from lowest (1) to highest (56) on total per pupil expenditures. Adjusted rankings were based on the professional cost index derived from the Professional Cost Index for New York State by Labor Force Region (2016).

Source: New York State Education Department, Fiscal Analysis Research Unit, 2015-16. New York State Education Department, Update to the Regional Cost Index (2016).



Key Facts:

1. Regionally adjusted per pupil expense by county in New York State ranged from a low of \$16,161 in Saratoga County, to a high of \$40,408 in Hamilton County.
2. Long Island's regionally adjusted per pupil expenditure (\$18,271) ranked 17th among the state's 56 counties/regions.
3. Long Island's regionally adjusted per pupil expense was 4.8% below the regionally adjusted pupil expenditure of the county at the statewide median.

TABLE 15

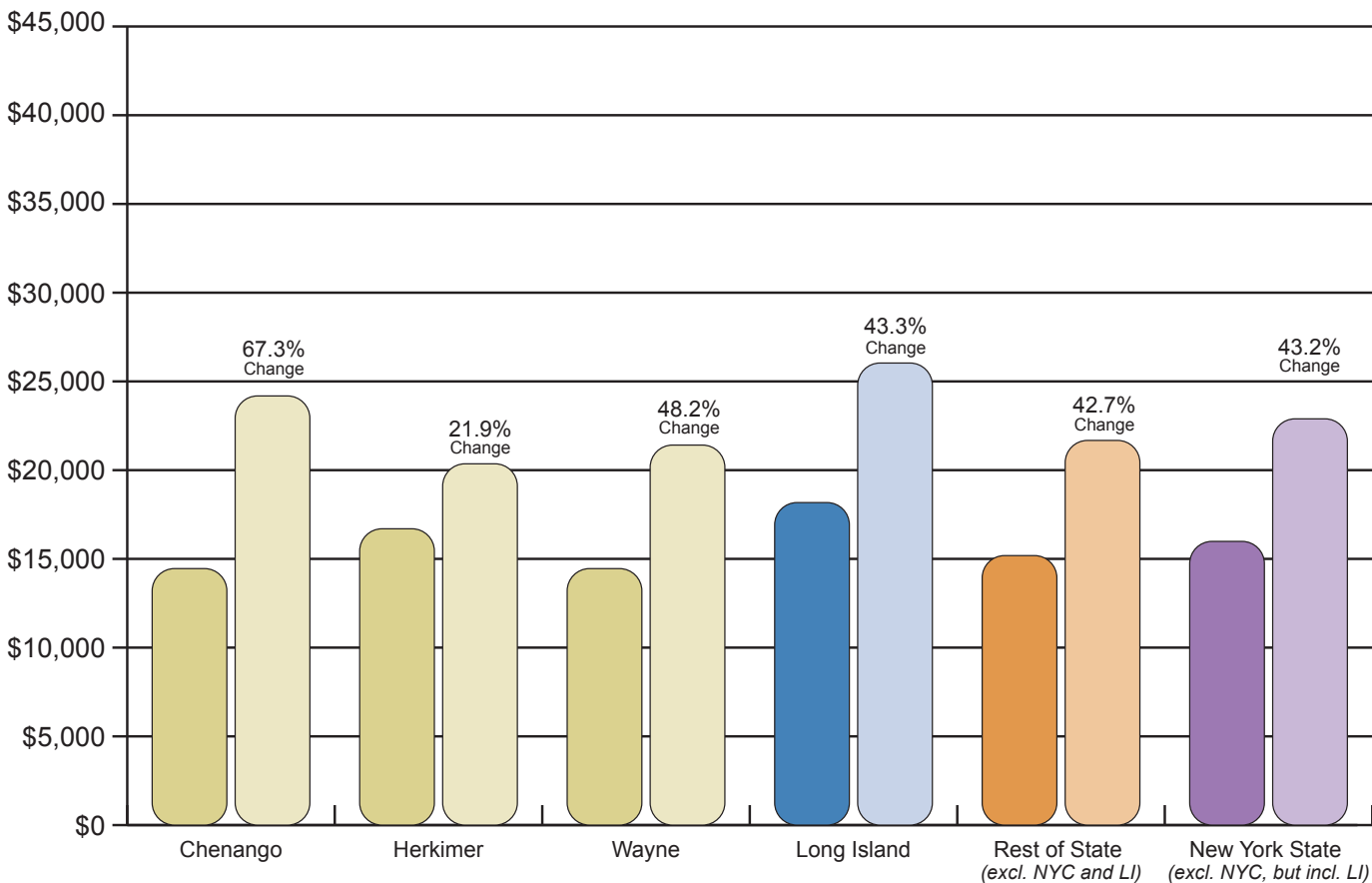
Percent Change in Per Pupil Expenditures 2005-06 to 2015-16

Rank	County/Region	Per Pupil Expenditures 2005-06	Per Pupil Expenditures 2015-16	% Change
1	Chenango	\$14,453	\$24,181	67.3
56	Herkimer	\$16,696	\$20,357	21.9
Median 28	Wayne	\$14,452	\$21,412	48.2
40	Long Island	\$18,173	\$26,036	43.3
	Rest of State (excluding NYC and LI)	\$15,185	\$21,675	42.7
	New York State (excluding NYC, including LI)	\$15,986	\$22,891	43.2

Description: Percent change in per pupil expenditures on Long Island, compared to the other 55 counties in New York State over the 10-year period from 2005-06 to 2015-16.

Method of Ranking: Long Island was compared to the other 55 counties/regions in New York State (excluding New York City) by ranking the 10-year percent increase in per pupil expenditures from lowest (1) to highest (56).

Sources: New York State Education Department, Fiscal Analysis and Research Unit, 2005-06, 2015-16.



Key Facts:

1. Long Island was the 40th lowest of 56 counties/regions in overall percentage increase in per pupil expenditures for this 10-year period.
2. Long Island averaged a 4.33 percentage point increase per year in per pupil expenditures over the past 10 years. The annual average percentage point increase for counties/regions at the median was 4.82 percentage points.
3. Chenango, the county showing the highest percentage increase in per pupil expenditures during this 10-year period, averaged an increase of 6.73 percentage points annually.

TABLE 16

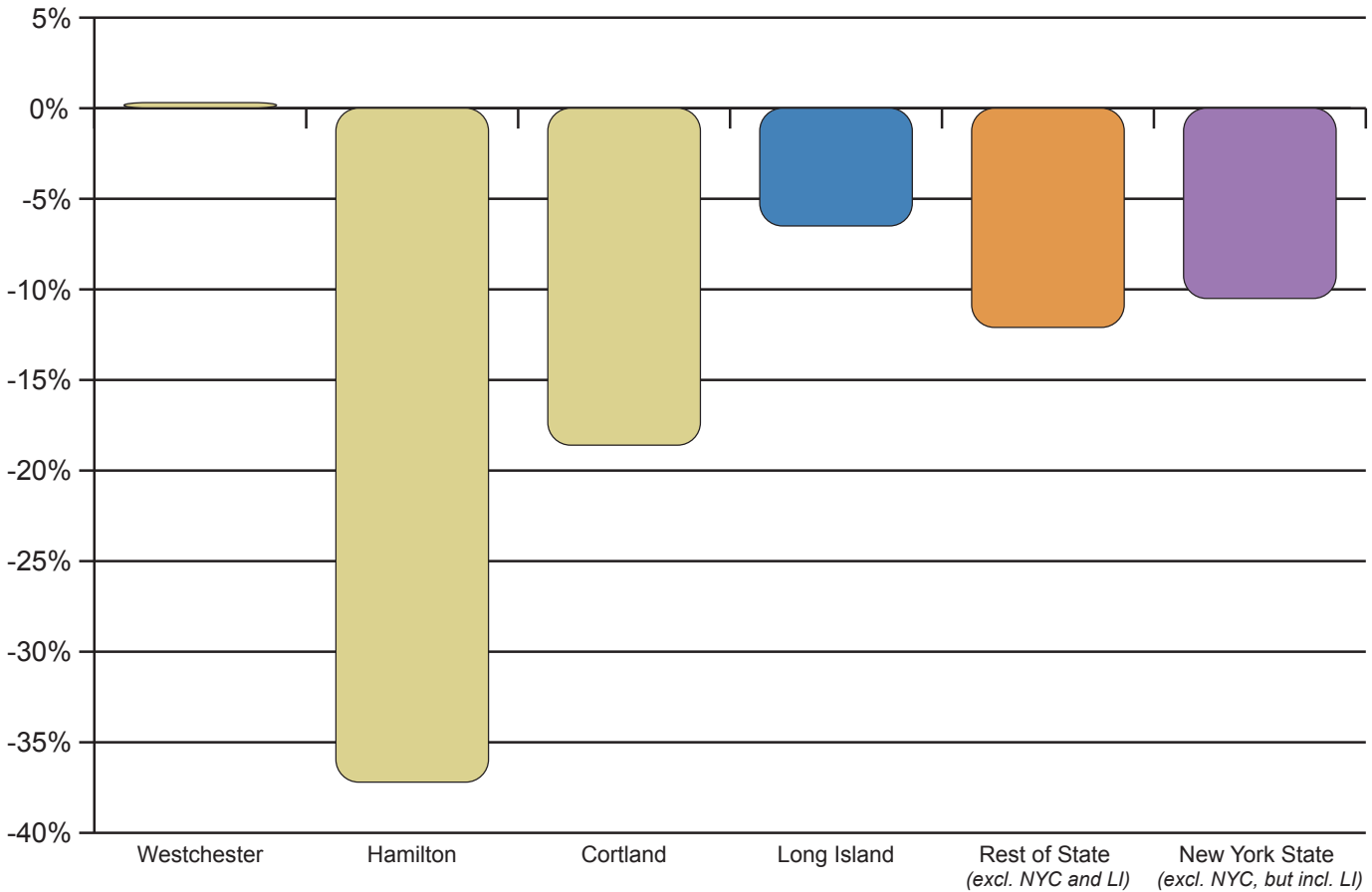
Percent Change in Student Enrollment 2006-07 to 2016-17

Rank	County/Region	Enrollment 2006-07	Enrollment 2016-17	% Change
1	Westchester	146,767	146,814	0.03
56	Hamilton	550	401	-37.2
Median 28	Cortland	7,160	6,037	-18.6
5	Long Island	466,279	437,890	-6.5
	Rest of State (excluding NYC and LI)	1,281,801	1,143,463	-12.1
	New York State (excluding NYC, including LI)	1,748,080	1,581,353	-10.5

Description: Percent change in student enrollment for the years 2006-07 to 2016-17.

Method of Ranking: Long Island was compared to the other 55 regions in New York State (excluding New York City) by ranking enrollment increases over the decade from highest (1) to lowest (56).

Sources: New York State Education Department, 2006-07 and 2016-17 School Report Card database.



Key Facts:

1. Long Island ranked fifth in percentage change in enrollment compared to the other 55 counties in the state over the past decade (2006-07 to 2016-17).
2. Long Island continues to experience a decline in student enrollment. However, student enrollment declines in 51 other counties (91%) outpace the decline on Long Island.
3. With a student enrollment of 437,890, Long Island educated 17.3% of the state's total 2016-17 student enrollment.

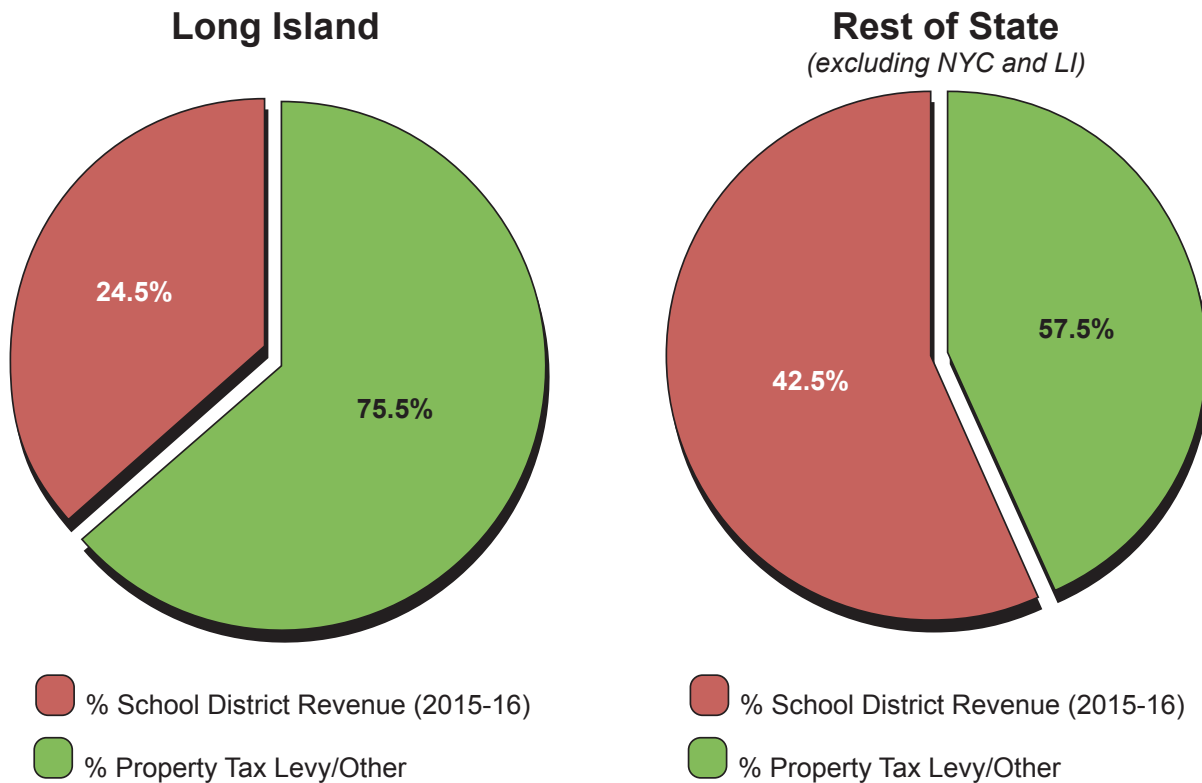
TABLE 17**State Aid as a Percentage of School District Revenues**

Rank	County/Region	Enrollment (2015-16)	% School District Revenue (2015-16)	% Property Tax Levy/Other
1	Allegany	6,331	69.7	30.3
56	Hamilton	413	16.7	83.3
Median 28	Niagara	27,875	53.4	46.6
52	Long Island	437,055	24.5	75.5
	Rest of State (excluding NYC and LI)	1,130,244	42.5	57.5
	New York State (excluding NYC, including LI)	1,567,299	36.9	63.1

Description: The percentage of school districts' total revenues coming from state aid in 55 NYS counties and Long Island. The state aid calculated in this table excludes STAR revenue, and revenues from the state for school tax relief payments.

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking the percentage of state aid revenue from lowest (1) to highest (56).

Sources: New York State Education Department Fiscal Analysis and Research Unit 2015-16. New York State Education Department 2015-16 School Report Card database.

**Key Fact:**

1. The state share of school district revenues on Long Island (24.5%) continues to be among the five lowest in the state, along with Putnam (21.7%), Rockland (20.7%), Westchester (19.3%), and Hamilton (16.7%) counties.

TABLE 18

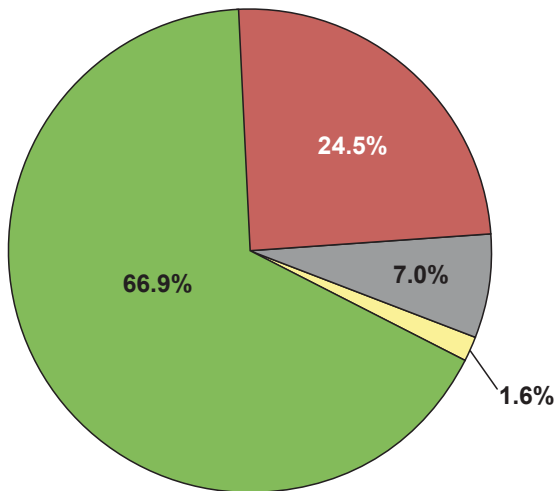
School District Revenues and STAR Subsidies

	State Aid Receipts	STAR Subsidy Receipts	Total Receipts from State	Federal Aid Receipts	Property Tax Levy & Other Revenue	Total Revenue
Long Island	\$2,939,926,519	\$846,461,283	\$3,786,387,802	\$186,908,888	\$8,046,062,135	\$12,019,358,825
% of Total Revenue	24.5%	7.0%	31.5%	1.6%	66.9%	
New York City	\$9,845,352,340	\$813,718,607	\$10,659,070,947	\$1,270,342,417	\$14,982,034,252	\$26,911,447,616
% of Total Revenue	36.6%	3.0%	39.6%	4.7%	55.7%	
New York State (including NYC and LI)	\$24,106,969,236	\$3,315,377,188	\$27,422,346,424	\$2,418,751,332	\$35,757,767,557	\$65,598,865,313
% of Total Revenue	36.7%	5.1%	41.8%	3.7%	54.5%	
Rest of State (excluding NYC and LI)	\$11,321,690,377	\$1,655,197,298	\$12,976,887,675	\$961,500,027	\$12,729,671,170	\$26,668,058,872
% of Total Revenue	42.5%	6.2%	48.7%	3.6%	47.7%	
New York State (excluding NYC, but including LI)	\$14,261,616,896	\$2,501,658,581	\$16,763,275,477	\$1,148,408,915	\$20,775,733,305	\$38,687,417,697
% of Total Revenue	36.9%	6.5%	43.3%	3.0%	53.7%	

Description: State Aid Receipts + STAR Subsidy Receipts = Total Receipts from State. Total Revenue = Total Receipts from State + Federal Aid Receipts + Property Tax Levy and Other Revenue.

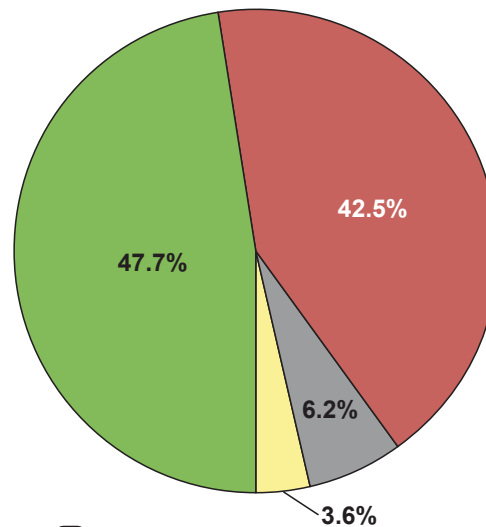
Source: New York State Education Department Fiscal Analysis and Research Unit, 2015-16.

Long Island



- State Aid Receipts
- STAR Subsidy Receipts
- Federal Aid Receipts
- Property Tax Levy and Other Revenue

Rest of State



- State Aid Receipts
- STAR Subsidy Receipts
- Federal Aid Receipts
- Property Tax Levy and Other Revenue

TABLE 18 *(cont'd)*
School District Revenues and STAR Subsidies

Key Facts:

1. The state aid share of funding on Long Island is 24.5% (excluding STAR). State aid, however, funds 42.5% of school revenues in the rest of the state (excluding STAR). When STAR is included, the shares are 31.5% and 48.7% respectively.
2. When New York City is included, the share of state aid directed to Long Island (12.2%) is less than the percentage of the state's students being educated on Long Island (17.3%) (\$2.9 million v. \$24.1 million).
3. Property tax levy and other revenue provide 66.9% of school district revenues to Long Island compared to 47.7% in the rest of the state.

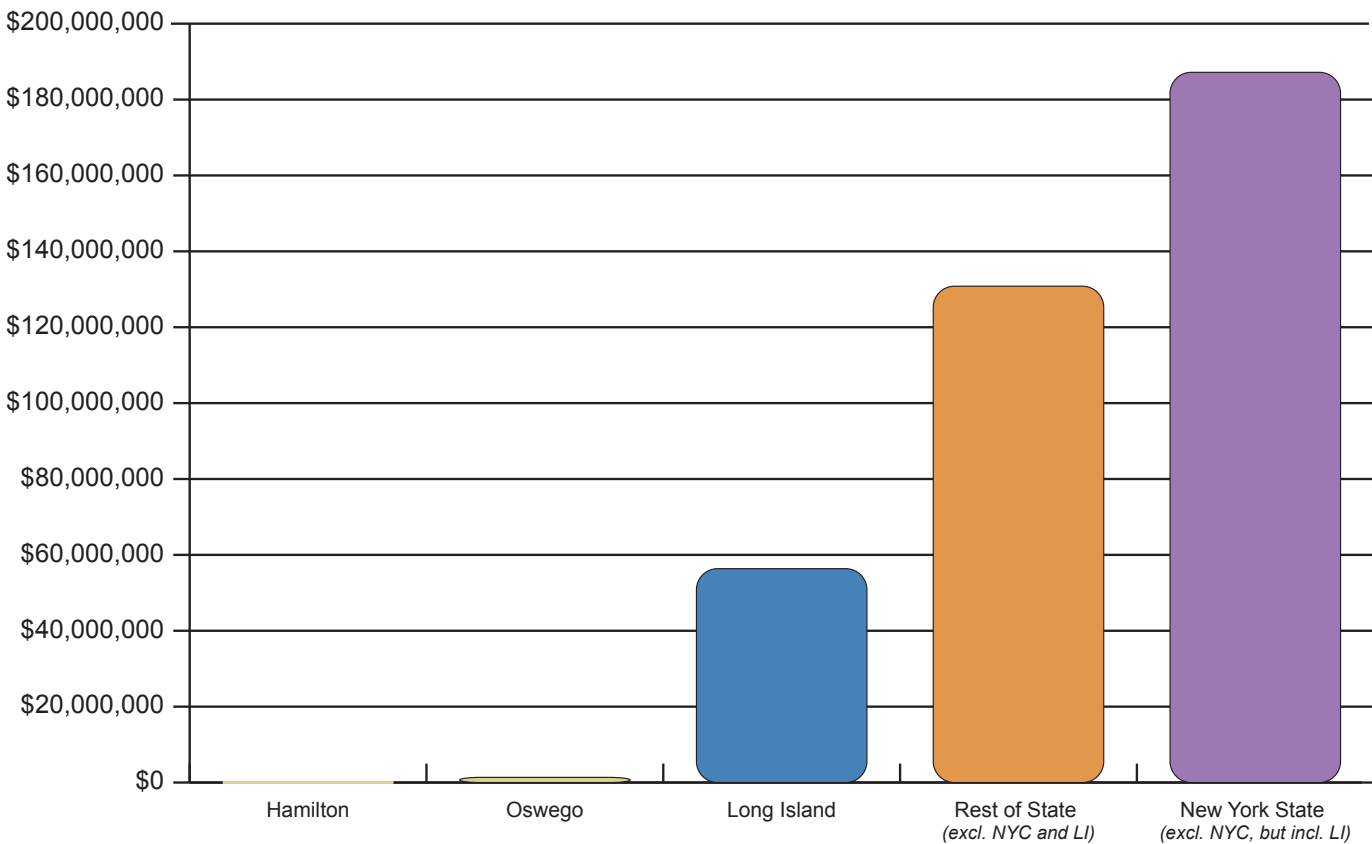
TABLE 19
Annual Taxable Sales and Purchases

Rank	County/Region	Annual Taxable Sales (reported in thousands)
1	Hamilton	\$85,674
56	Long Island	\$56,368,168
Median 28	Oswego	\$1,004,080
	Nassau	\$25,404,625
	Suffolk	\$30,963,543
	Rest of State (excluding NYC and LI)	\$130,813,798
	New York State (excluding NYC, including LI)	\$187,181,966

Description: Total annual sales and purchase statistics for the year between March 2014 and February 2015 on Long Island compared to the other 55 New York State counties (excluding New York City). New York State imposes a 4% sales and compensating use tax (state sales tax).

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking the amount of taxable sales and purchases from lowest (1) to highest (56).

Sources: New York State Department of Taxation and Finance. Taxable Sales and Purchases Quarterly Data for March 2014-February 2015.



Key Facts:

1. Long Island ranks as the highest region in the state in annual taxable sales and purchases (excluding New York City).
2. Nassau County and Suffolk County's annual taxable sales and purchases were 25 and 31 times more than the median county in the state.
3. Long Island accounted for 30% of the annual taxable sales in the state (excluding New York City).
4. Long Island's annual sales and purchases generated over \$2.2 billion in state revenues.

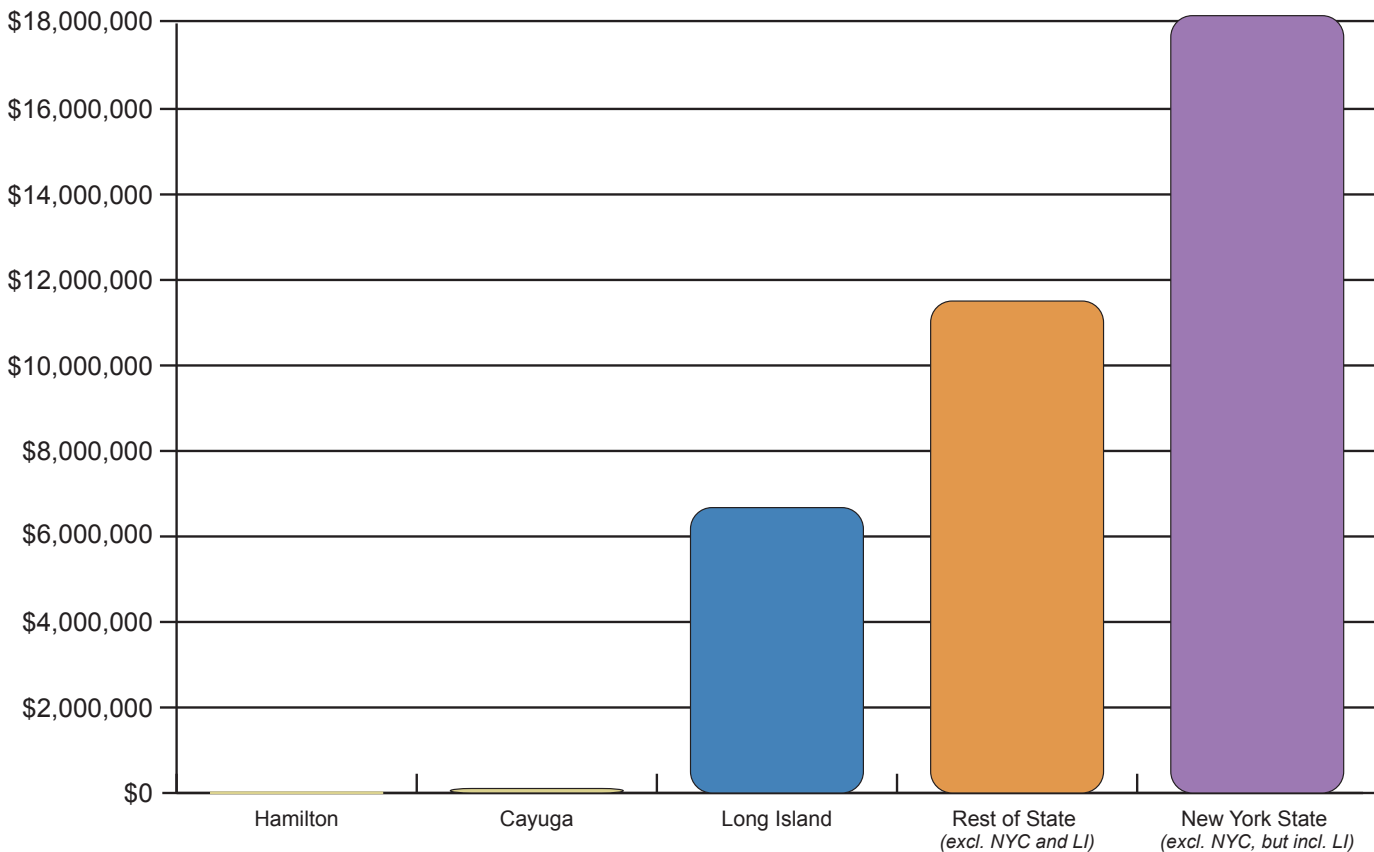
TABLE 20**Total State Income Tax Paid by Full Year Residents**

Rank	County/Region	Tax Paid (reported in thousands)
1	Hamilton	\$3,675
56	Long Island	\$6,675,165
Median 28	Cayuga	\$62,179
	Nassau	\$3,785,377
	Suffolk	\$2,889,789
	Rest of State (excluding NYC and LI)	\$11,506,582
	New York State (excluding NYC, including LI)	\$18,181,747

Description: Total state income tax paid by full year residents (tax year 2014) on Long Island compared to the other 55 New York State counties (excluding New York City).

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) and was ranked on the total state income tax paid by full year residents from lowest (1) to highest (56).

Sources: New York State Department of Taxation and Finance (2018). Total Income and Tax Liability of Full-Year Residents, Tax Liability of Taxable Returns 2014.

**Key Facts:**

1. Nassau and Suffolk Counties are among the three counties with the highest state income tax liability in New York State (excluding New York City). In order from highest (in thousands), they are Westchester (\$4,040,586), Nassau (\$3,785,377), and Suffolk (\$2,889,789).
2. Nassau County and Suffolk County's state income tax liabilities were 60 and 46 times more than the median for all counties outside of New York City, respectively.
3. Long Island accounted for 36.7% (\$6.6 billion) of state income tax paid by residents of the state outside of New York City in 2014.

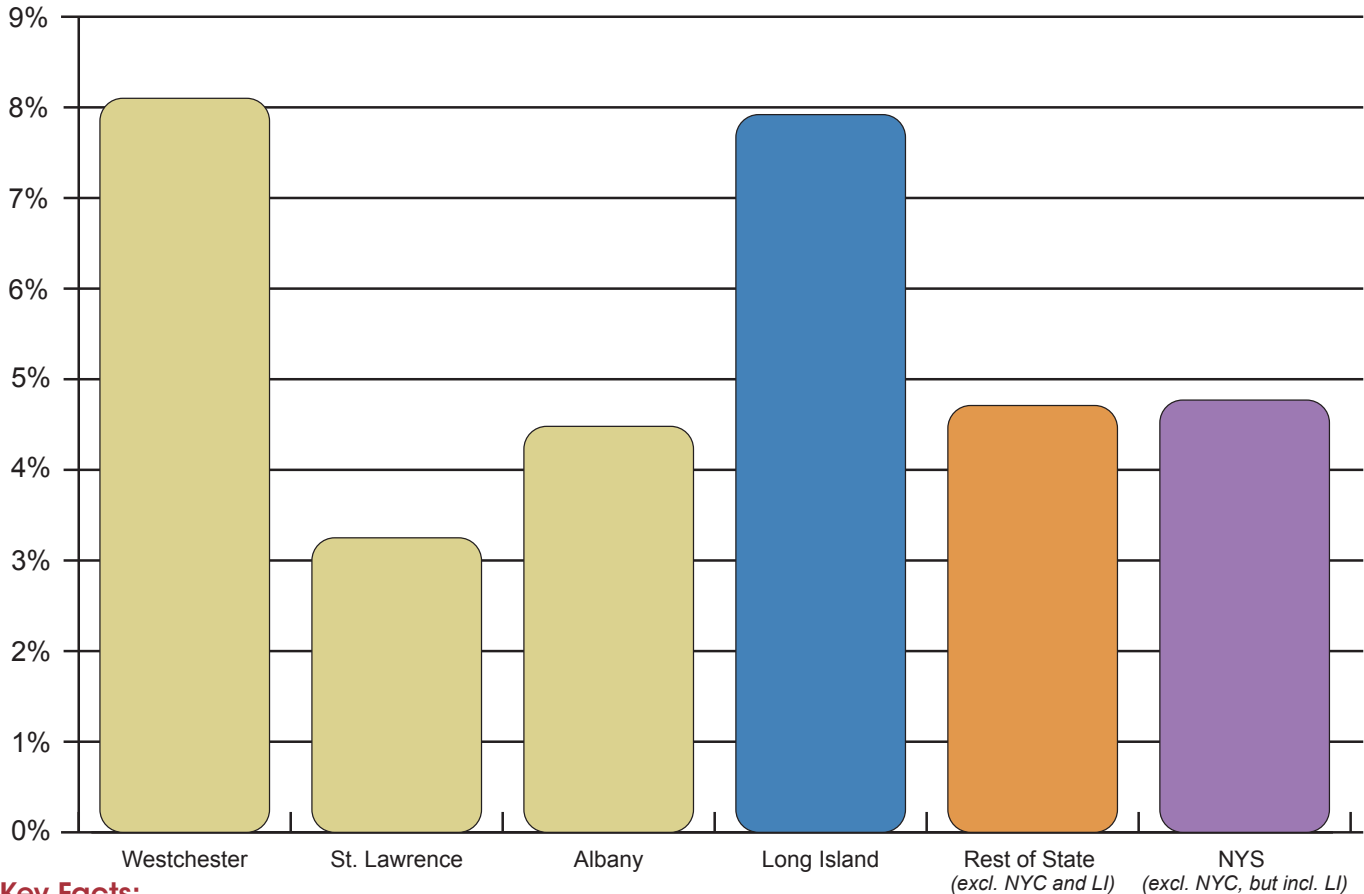
TABLE 21**Property Tax Paid From Yearly Income**

Rank	County/Region	Median Annual Property Tax per Home	Median Annual Household Income	Percent of Annual Income Paid to Property Tax
1	Westchester	\$9,003	\$111,148	8.10
56	St. Lawrence	\$1,674	\$51,508	3.25
Median 28	Albany	\$3,526	\$78,705	4.48
3	Long Island	\$7,952	\$100,233	7.92
	Nassau	\$8,711	\$105,460	8.26
	Suffolk	\$7,192	\$95,007	7.57
	Rest of State (excluding NYC and LI)	\$3,045	\$62,182	4.71
	New York State (excluding NYC, including LI)	\$3,132	\$62,862	4.77

Description: The percentage of annual household income tax paid to property taxes on Long Island compared to the other 55 New York State counties (excluding New York City).

Method of Ranking: Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking the percentage of annual household income tax paid from highest (1) to lowest (56).

Sources: Federal and State Tax Information Portal, Property Tax Rates, 2017

**Key Facts:**

1. Long Island ranks as the third highest region in the state in the percentage of household income paid to property taxes (7.92%), just below Westchester (8.10%) and Rockland (7.95%), excluding New York City.
2. When New York City is included, Long Islanders spend approximately 66% more of their income on property taxes.

Appendices



Appendix A

School Enrollment Figures for New York State by County (2016-17)



Albany.....	38,951	Herkimer.....	8,902	St. Lawrence.....	14,187
Allghany.....	6,168	Jefferson.....	17,345	Saratoga.....	33,329
Broome.....	25,840	Lewis.....	3,971	Schenectady.....	21,142
Cattaraugus.....	12,648	Livingston.....	7,465	Schoharie.....	4,088
Cayuga.....	9,100	Madison.....	9,329	Schuyler.....	1,765
Chautauqua.....	18,254	Monroe.....	105,441	Seneca.....	3,926
Chemung.....	10,999	Montgomery.....	7,254	Steuben.....	14,383
Chenango.....	6,961	Nassau.....	200,738	Suffolk.....	237,152
Clinton.....	10,599	New York City.....	944,709	Sullivan.....	8,931
Columbia.....	6,906	Niagara.....	27,963	Tioga.....	7,174
Cortland.....	6,037	Oneida.....	33,378	Tompkins.....	10,566
Delaware.....	5,320	Onondaga.....	68,197	Ulster.....	22,363
Dutchess.....	39,133	Ontario.....	15,417	Warren.....	8,743
Erie.....	121,877	Orange.....	57,572	Washington.....	8,311
Essex.....	3,618	Orleans.....	5,627	Wayne.....	13,678
Franklin.....	7,158	Oswego.....	19,069	Westchester.....	146,814
Fulton.....	7,423	Otsego.....	6,791	Wyoming.....	3,964
Genesee.....	7,844	Putnam.....	14,237	Yates.....	2,073
Greene.....	5,784	Rensselaer.....	19,810	Long Island.....	437,890
Hamilton.....	401	Rockland.....	39,237		

Note: Total K-12 enrollment for each county includes Charter School enrollment.

Source: New York State Education Department, 2016-17 School Report Card database.

Total NYS (including NYC and LI).....2,526,062

Total NYS (excluding NYC and LI).....1,143,463

Total NYS (excluding NYC, but including LI)....1,581,353

Appendix B

Combined Wealth Ratios Throughout Long Island

Rank	Long Island School District	2016-17 Enrollment	2016-17 CWR
1	FIRE ISLAND UFSD	21	45.784
2	BRIDGEHAMPTON UFSD	191	28.901
3	QUOGUE UFSD	93	22.659
4	FISHERS ISLAND UFSD	66	20.603
5	AMAGANSETT UFSD	102	20.476
6	SOUTHAMPTON UFSD	1,636	11.930
7	SHELTER ISLAND UFSD	219	11.423
8	EAST HAMPTON UFSD	1,794	8.395
9	MONTAUK UFSD	306	8.317
10	OYSTERPONDS UFSD	76	7.036
11	OYSTER BAY-EAST NORWICH CSD	1,566	6.012
12	SAG HARBOR UFSD	941	5.768
13	REMSENBURG-SPEONK UFSD	139	4.629
14	WESTHAMPTON BEACH UFSD	1,768	3.985
15	TUCKAHOE COMMON SD	317	3.855
16	LOCUST VALLEY CSD	2,056	3.512
17	LAWRENCE UFSD	2,744	3.276
18	COLD SPRING HARBOR CSD	1,752	3.253
19	SOUTHOLD UFSD	783	2.888
20	MANHASSET UFSD	3,303	2.882
21	GREAT NECK UFSD	6,438	2.846
22	PORT JEFFERSON UFSD	1,095	2.699
23	SPRINGS UFSD	727	2.592
24	JERICHO UFSD	3,035	2.589
25	MATTITUCK-CUTCHOGUE UFSD	1,197	2.469
26	GARDEN CITY UFSD	3,822	2.408
27	EAST WILLISTON UFSD	1,682	2.364
28	NORTH SHORE CSD	2,643	2.295
29	ROSLYN UFSD	3,098	2.181
30	PORT WASHINGTON UFSD	5,554	2.141
31	ISLAND PARK UFSD	762	2.101
32	GREENPORT UFSD	640	2.026
33	EAST QUOGUE UFSD	407	2.003
34	LONG BEACH PUBLIC SCHOOLS	3,697	1.932
35	SYOSSET CSD	6,365	1.899
36	NORTHPORT-EAST NORTHPORT UFSD	5,473	1.812
37	MINEOLA UFSD	2,804	1.785
38	ROCKVILLE CENTRE UFSD	3,534	1.715
39	HEWLETT-WOODMERE UFSD	2,986	1.703
40	HUNTINGTON UFSD	4,561	1.605
41	CARLE PLACE UFSD	1,353	1.576
42	HALF HOLLOW HILLS CSD	8,266	1.560
43	HAMPTON BAYS UFSD	2,077	1.537
44	HERRICKS UFSD	3,889	1.524
45	HAUPPAUGE UFSD	3,562	1.490
46	THREE VILLAGE CSD	6,257	1.474
47	GLEN COVE CITY SD	3,209	1.438
48	MERRICK UFSD	1,470	1.380
49	BABYLON UFSD	1,570	1.376
50	BELLMORE UFSD	1,000	1.363
51	HICKSVILLE UFSD	5,124	1.346
52	PLAINVIEW-OLD BETHPAGE CSD	4,860	1.338
53	MASSAPEQUA UFSD	7,004	1.332
54	SMITHTOWN CSD	9,249	1.309
55	LYNBROOK UFSD	2,791	1.282
56	WEST HEMPSTEAD UFSD	1,957	1.264
57	KINGS PARK CSD	3,281	1.262
58	OCEANSIDE UFSD	5,528	1.260
59	HARBORFIELDS CSD	3,181	1.259
60	FLORAL PARK-BELLEROSE UFSD	1,462	1.246
61	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,710	1.242
62	EAST ROCKAWAY UFSD	1,142	1.240
63	BETHPAGE UFSD	2,886	1.181
64	COMMACK UFSD	6,253	1.171
65	MALVERNE UFSD	1,685	1.164

Rank	Long Island School District	2016-17 Enrollment	2016-17 CWR
66	RIVERHEAD CSD	5,419	1.159
67	FARMINGDALE UFSD	5,736	1.149
68	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,373	1.145
69	SHOREHAM-WADING RIVER CSD	2,264	1.145
70	SEAFORD UFSD	2,251	1.108
71	ELWOOD UFSD	2,207	1.097
72	EAST MEADOW UFSD	7,008	1.090
73	FRANKLIN SQUARE UFSD	1,847	1.070
74	MOUNT SINAI UFSD	2,297	1.061
75	WANTAGH UFSD	2,966	1.056
76	SOUTH HUNTINGTON UFSD	5,998	1.040
77	SEWANHAKA CENTRAL HS DISTRICT	8,175	1.030
78	SAYVILLE UFSD	2,917	1.028
79	PLAINEDGE UFSD	2,982	1.019
80	EAST MORICHES UFSD	721	1.018
81	ISLIP UFSD	2,805	1.004
82	CONNETHQUOT CSD	5,892	0.999
83	WEST ISLIP UFSD	4,358	0.988
84	BAYPORT-BLUE POINT UFSD	2,208	0.982
85	EAST ISLIP UFSD	3,785	0.980
86	AMITYVILLE UFSD	2,923	0.974
87	NORTH BELLMORE UFSD	2,051	0.965
88	NORTH MERRICK UFSD	1,216	0.964
89	VALLEY STREAM 13 UFSD	2,049	0.959
90	MILLER PLACE UFSD	2,671	0.942
91	VALLEY STREAM CENTRAL HS DISTRICT	4,459	0.934
92	BALDWIN UFSD	4,602	0.931
93	ISLAND TREES UFSD	2,246	0.926
94	VALLEY STREAM 30 UFSD	1,499	0.919
95	VALLEY STREAM 24 UFSD	1,115	0.903
96	WEST BABYLON UFSD	3,867	0.877
97	SACHEM CSD	13,303	0.871
98	LEVITOWN UFSD	7,106	0.848
99	SOUTH COUNTRY CSD	4,325	0.825
100	DEER PARK UFSD	3,933	0.824
101	ELMONT UFSD	3,568	0.824
102	BROOKHAVEN-COMSEWOGUE UFSD	3,777	0.815
103	PATCHOGUE-MEDFORD UFSD	7,501	0.808
104	MIDDLE COUNTRY CSD	9,377	0.786
105	LINDENHURST UFSD	5,934	0.784
106	EASTPORT-SOUTH MANOR CSD	3,466	0.784
107	NORTH BABYLON UFSD	4,614	0.779
108	UNIONDALE UFSD	7,042	0.778
109	LONGWOOD CSD	8,999	0.769
110	BAY SHORE UFSD	5,992	0.765
111	CENTER MORICHES UFSD	1,592	0.748
112	ROCKY POINT UFSD	3,098	0.717
113	WESTBURY UFSD	5,137	0.681
114	COPIAGUE UFSD	4,951	0.602
115	FREEPORT UFSD	6,820	0.583
116	WILLIAM FLOYD UFSD	8,619	0.548
117	CENTRAL ISLIP UFSD	7,224	0.455
118	ROOSEVELT UFSD	3,385	0.390
119	BRENTWOOD UFSD	19,052	0.345
120	WYANDANCH UFSD	2,509	0.337
121	HEMPSTEAD UFSD	7,756	0.325
122	LITTLE FLOWER UFSD	99	-
123	NEW SUFFOLK COMMON SD	11	-
124	SAGAPONACK COMMON SD	9	-
125	WAINSCOTT COMMON SD	26	-

Source: New York State Education Department, 2016-17.

Note: Information for Little Flower, New Suffolk, Sagaponack, and Wainscott were not reported by NYSED. These districts were not included in the total enrollment. Additionally, Charter School enrollment was excluded from these figures.

Appendix C

Combined Wealth Ratios Throughout Suffolk and Nassau Counties

Rank	Suffolk County School District	2016-17 Enrollment	2016-17 CWR
1	FIRE ISLAND UFSD	21	45.784
2	BRIDGEHAMPTON UFSD	191	28.901
3	QUOGUE UFSD	93	22.659
4	FISHERS ISLAND UFSD	66	20.603
5	AMAGANSETT UFSD	102	20.476
6	SOUTHAMPTON UFSD	1,636	11.930
7	SHELTER ISLAND UFSD	219	11.423
8	EAST HAMPTON UFSD	1,794	8.395
9	MONTAUK UFSD	306	8.317
10	OYSTERPONDS UFSD	76	7.036
11	SAG HARBOR UFSD	941	5.768
12	REMSENBERG-SPEONK UFSD	139	4.629
13	WESTHAMPTON BEACH UFSD	1,768	3.985
14	TUCKAHOE COMMON SD	317	3.855
15	COLD SPRING HARBOR CSD	1,752	3.253
16	SOUTHOLD UFSD	783	2.888
17	PORT JEFFERSON UFSD	1,095	2.699
18	SPRINGS UFSD	727	2.592
19	MATTITUCK-CUTCHOGUE UFSD	1,197	2.469
20	GREENPORT UFSD	640	2.026
21	EAST QUOGUE UFSD	407	2.003
22	NORTHPORT-EAST NORTHPORT UFSD	5,473	1.812
23	HUNTINGTON UFSD	4,561	1.605
24	HALF HOLLOW HILLS CSD	8,266	1.560
25	HAMPTON BAYS UFSD	2,077	1.537
26	HAUPTPAUGE UFSD	3,562	1.490
27	THREE VILLAGE CSD	6,257	1.474
28	BABYLON UFSD	1,570	1.376
29	SMITHTOWN CSD	9,249	1.309
30	KINGS PARK CSD	3,281	1.262
31	HARBORFIELDS CSD	3,181	1.259
32	COMMACK UFSD	6,253	1.171
33	RIVERHEAD CSD	5,419	1.159
34	SHOREHAM-WADING RIVER CSD	2,264	1.145
35	ELWOOD UFSD	2,207	1.097
36	MOUNT SINAI UFSD	2,297	1.061
37	SOUTH HUNTINGTON UFSD	5,998	1.040
38	SAYVILLE UFSD	2,917	1.028
39	EAST MORICHES UFSD	721	1.018
40	ISLIP UFSD	2,805	1.004
41	CONNETHQUOIT CSD	5,892	0.999
42	WEST ISLIP UFSD	4,358	0.988
43	BAYPORT-BLUE POINT UFSD	2,208	0.982
44	EAST ISLIP UFSD	3,785	0.980
45	AMITYVILLE UFSD	2,923	0.974
46	MILLER PLACE UFSD	2,671	0.942
47	WEST BABYLON UFSD	3,867	0.877
48	SACHEM CSD	13,303	0.871
49	SOUTH COUNTRY CSD	4,325	0.825
50	DEER PARK UFSD	3,933	0.824
51	BROOKHAVEN-COMSEWOGUE UFSD	3,777	0.815
52	PATCHOGUE-MEDFORD UFSD	7,501	0.808
53	MIDDLE COUNTRY CSD	9,377	0.786
54	LINDENHURST UFSD	5,934	0.784
55	EASTPORT-SOUTH MANOR CSD	3,466	0.784
56	NORTH BABYLON UFSD	4,614	0.779
57	LONGWOOD CSD	8,999	0.769
58	BAY SHORE UFSD	5,992	0.765
59	CENTER MORICHES UFSD	1,592	0.748
60	ROCKY POINT UFSD	3,098	0.717
61	COPIAGUE UFSD	4,951	0.602
62	WILLIAM FLOYD UFSD	8,619	0.548
63	CENTRAL ISLIP UFSD	7,224	0.455
64	BRENTWOOD UFSD	19,052	0.345
65	WYANDANCH UFSD	2,509	0.337

Rank	Nassau BOCES School District	2016-17 Enrollment	2016-17 CWR
1	OYSTER BAY-EAST NORWICH CSD	1,566	6.012
2	LOCUST VALLEY CSD	2,056	3.512
3	LAWRENCE UFSD	2,744	3.276
4	MANHASSET UFSD	3,303	2.882
5	GREAT NECK UFSD	6,438	2.846
6	JERICO UFSD	3,035	2.589
7	GARDEN CITY UFSD	3,822	2.408
8	EAST WILLISTON UFSD	1,682	2.364
9	NORTH SHORE CSD	2,643	2.295
10	ROSLYN UFSD	3,098	2.181
11	PORT WASHINGTON UFSD	5,554	2.141
12	ISLAND PARK UFSD	762	2.101
13	LONG BEACH PUBLIC SCHOOLS	3,697	1.932
14	SYOSSET CSD	6,365	1.899
15	MINEOLA UFSD	2,804	1.785
16	ROCKVILLE CENTRE UFSD	3,534	1.715
17	HEWLETT-WOODMERE UFSD	2,986	1.703
18	CARLE PLACE UFSD	1,353	1.576
19	HERRICKS UFSD	3,889	1.524
20	GLEN COVE CITY SD	3,209	1.438
21	MERRICK UFSD	1,470	1.380
22	BELLMORE UFSD	1,000	1.363
23	HICKSVILLE UFSD	5,124	1.346
24	PLAINVIEW-OLD BETHPAGE CSD	4,860	1.338
25	MASSAPEQUA UFSD	7,004	1.332
26	LYNBROOK UFSD	2,791	1.282
27	WEST HEMPSTEAD UFSD	1,957	1.264
28	OCEANSIDE UFSD	5,528	1.260
29	FLORAL PARK-BELLEROSE UFSD	1,462	1.246
30	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,710	1.242
31	EAST ROCKAWAY UFSD	1,142	1.240
32	BETHPAGE UFSD	2,886	1.181
33	MAIVERNE UFSD	1,685	1.164
34	FARMINGDALE UFSD	5,736	1.149
35	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,373	1.145
36	SEAFORD UFSD	2,251	1.108
37	EAST MEADOW UFSD	7,008	1.090
38	FRANKLIN SQUARE UFSD	1,847	1.070
39	WANTAGH UFSD	2,966	1.056
40	SEWANHAKA CENTRAL HS DISTRICT	8,175	1.030
41	PLAINEDGE UFSD	2,982	1.019
42	NORTH BELLMORE UFSD	2,051	0.965
43	NORTH MERRICK UFSD	1,216	0.964
44	VALLEY STREAM 13 UFSD	2,049	0.959
45	VALLEY STREAM CENTRAL HS DISTRICT	4,459	0.934
46	BALDWIN UFSD	4,602	0.931
47	ISLAND TREES UFSD	2,246	0.926
48	VALLEY STREAM 30 UFSD	1,499	0.919
49	VALLEY STREAM 24 UFSD	1,115	0.903
50	LEVITTOWN UFSD	7,106	0.848
51	ELMONT UFSD	3,568	0.824
52	UNIONDALE UFSD	7,042	0.778
53	WESTBURY UFSD	5,137	0.681
54	FREEPORT UFSD	6,820	0.583
55	ROOSEVELT UFSD	3,385	0.390
56	HEMPSTEAD UFSD	7,756	0.325

Source: New York State Education Department, 2016-17.

Note: Information for Little Flower, New Suffolk, Sagaponack, and Wainscott were not reported by NYSED. These districts were not included in the total enrollment. Additionally, Charter School enrollment was excluded from these figures.

Appendix D

Long Island’s Least-Wealthy and Wealthiest School Districts (2016-17)

The least-wealthy school districts represent Long Island’s K-12 school districts with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,500+. Wealthiest school districts are those school districts with the highest CWRs and student enrollment at 1,500+. Out of the 125 school districts on Long Island, 95 school districts met the criteria selected for this analysis. The data for the top 10% (approximately) and the bottom 10% (approximately) of the 95 Long Island school districts were analyzed in Tables 3, 4, and 9.

The least-wealthy K-12 Long Island school districts meeting the selection criteria are (lowest to highest CWR):

Long Island School District	CWR
Hempstead Union Free School District	0.325
Wyandanch Union Free School District	0.337
Brentwood Union Free School District	0.345
Roosevelt Union Free School District	0.390
Central Islip Union Free School District	0.455
William Floyd Union Free School District	0.548
Freeport Union Free School District	0.583
Copiague Union Free School District	0.602
Westbury Union Free School District	0.681

The wealthiest K-12 Long Island school districts meeting the selection criteria are (highest to lowest CWR):

Long Island School District	CWR
Southampton Union Free School District	11.930
East Hampton Union Free School District	8.395
Oyster Bay-East Norwich Central School District	6.012
Westhampton Beach Union Free School District	3.985
Locust Valley Central School District	3.512
Lawrence Union Free School District	3.276
Cold Spring Harbor Central School District	3.253
Manhasset Union Free School District	2.882
Great Neck Union Free School District	2.846

Source: New York State Education Department, 2016-17.

Appendix E

New York State's Least-Wealthy/Wealthiest School Districts (2016)

The least-wealthy school district represent New York State K-12 school districts with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,500+. Wealthiest school districts are those school districts with the highest CWRs and student enrollment at 1,500+. Out of the 676 school districts in New York State, 311 school districts met the criteria selected for this analysis. The data for the top 10% (approximately) and the bottom 10% approximately of the 311 school district were analyzed in Tables 4, 5, and 10.

Rank	Rest of State School Districts (excl. LI & NYC)	2016-17 Enrollment	2016-17 CWR
	WEALTHIEST DISTRICTS (10%)		
1	SCARSDALE UFSD	4,778	4.493
2	HARRISON CSD	3,587	3.897
3	BRONXVILLE UFSD	1,674	3.852
4	RYE CITY SD	3,429	3.567
5	BYRAM HILLS CSD	2,372	3.069
6	MAMARONECK UFSD	5,446	2.781
7	BEDFORD CSD	4,180	2.775
8	CHAPPAQUA CSD	3,805	2.570
9	GREENBURGH CSD	1,734	2.516
10	KATONAH-LEWISBORO UFSD	3,109	2.405
11	RYE NECK UFSD	1,620	2.068
12	IRVINGTON UFSD	1,750	2.030
13	EDGEMONT UFSD	1,965	1.875
14	CROTON-HARMON UFSD	1,637	1.738
15	PELHAM UFSD	2,873	1.702
16	MOUNT PLEASANT CSD	1,881	1.656
17	WHITE PLAINS CITY SD	7,004	1.604
18	HENDRICK HUDSON CSD	2,324	1.558
19	HASTINGS-ON-HUDSON UFSD	1,597	1.551
20	EASTCHESTER UFSD	3,226	1.526
21	SOMERS CSD	3,076	1.479
22	SOUTH ORANGETOWN CSD	3,015	1.479

Rank	Rest of State School Districts (excl. LI & NYC)	2016-17 Enrollment	2016-17 CWR
	LEAST-WEALTHY DISTRICTS (10%)		
1	INDIAN RIVER CSD	3,731	0.238
2	UTICA CITY SD	9,990	0.262
3	JAMESTOWN CITY SD	4,586	0.291
4	ROCHESTER CITY SD	26,687	0.311
5	BUFFALO CITY SD	31,398	0.313
6	SYRACUSE CITY SD	19,543	0.314
7	CARTHAGE CSD	3,233	0.318
8	HORNELL CITY SD	1,666	0.328
9	SCHENECTADY CITY SD	9,251	0.356
10	GLOVERSVILLE CITY SD	2,659	0.361
11	FULTON CITY SD	3,445	0.365
12	NIAGARA FALLS CITY SD	6,682	0.370
13	OGDENSBURG CITY SD	1,559	0.377
14	LACKAWANNA CITY SD	1,838	0.386
15	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,211	0.387
16	DUNKIRK CITY SD	1,953	0.394
17	MEDINA CSD	1,520	0.409
18	NEWARK CSD	2,050	0.435
19	CAMDEN CSD	2,107	0.440
20	MASSENA CSD	2,569	0.446
21	ROME CITY SD	5,289	0.448
22	PORT JERVIS CITY SD	2,499	0.449

Rank	NYS School Districts (incl. LI, excl NYC)	2016-17 Enrollment	2016-17 CWR
	WEALTHIEST DISTRICTS (10%)		
1	SOUTHAMPTON UFSD	1,636	11.930
2	EAST HAMPTON UFSD	1,794	8.395
3	OYSTER BAY-EAST NORWICH CSD	1,566	6.012
4	SCARSDALE UFSD	4,778	4.493
5	WESTHAMPTON BEACH UFSD	1,768	3.985
6	HARRISON CSD	3,587	3.897
7	BRONXVILLE UFSD	1,674	3.852
8	RYE CITY SD	3,429	3.567
9	LOCUST VALLEY CSD	2,056	3.512
10	LAWRENCE UFSD	2,623	3.276
11	COLD SPRING HARBOR CSD	1,752	3.253
12	BYRAM HILLS CSD	2,372	3.069
13	MANHASSET UFSD	3,303	2.882
14	GREAT NECK UFSD	6,438	2.846
15	MAMARONECK UFSD	5,446	2.781
16	BEDFORD CSD	4,180	2.775
17	JERICO UFSD	3,035	2.589
18	CHAPPAQUA CSD	3,805	2.570
19	GREENBURGH CSD	1,734	2.516
20	GARDEN CITY UFSD	3,822	2.408
21	KATONAH-LEWISBORO UFSD	3,109	2.405
22	EAST WILLISTON UFSD	1,682	2.364
23	NORTH SHORE CSD	2,643	2.295
24	ROSLYN UFSD	3,098	2.181
25	PORT WASHINGTON UFSD	5,380	2.141
26	RYE NECK UFSD	1,620	2.068
27	IRVINGTON UFSD	1,750	2.030
28	LONG BEACH PUBLIC SCHOOLS	3,697	1.932
29	SYOSSET CSD	6,365	1.899
30	EDGEMONT UFSD	1,965	1.875
31	NORTHPORT-EAST NORTHPORT UFSD	5,473	1.812

Rank	NYS School Districts (incl. LI, excl NYC)	2016-17 Enrollment	2016-17 CWR
	LEAST-WEALTHY DISTRICTS (10%)		
1	INDIAN RIVER CSD	3,731	0.238
2	UTICA CITY SD	9,990	0.262
3	JAMESTOWN CITY SD	4,586	0.291
4	ROCHESTER CITY SD	26,687	0.311
5	BUFFALO CITY SD	31,398	0.313
6	SYRACUSE CITY SD	19,543	0.314
7	CARTHAGE CSD	3,233	0.318
8	HEMPSTEAD UFSD	7,756	0.325
9	HORNELL CITY SD	1,666	0.328
10	WYANDANCH UFSD	2,509	0.337
11	BRENTWOOD UFSD	19,052	0.345
12	SCHENECTADY CITY SD	9,251	0.356
13	GLOVERSVILLE CITY SD	2,659	0.361
14	FULTON CITY SD	3,445	0.365
15	NIAGARA FALLS CITY SD	6,682	0.370
16	OGDENSBURG CITY SD	1,559	0.377
17	LACKAWANNA CITY SD	1,838	0.386
18	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,211	0.387
19	ROOSEVELT UFSD	3,236	0.390
20	DUNKIRK CITY SD	1,953	0.394
21	MEDINA CSD	1,520	0.409
22	NEWARK CSD	2,050	0.435
23	CAMDEN CSD	2,107	0.440
24	MASSENA CSD	2,569	0.446
25	ROME CITY SD	5,289	0.448
26	PORT JERVIS CITY SD	2,499	0.449
27	BATH CSD	1,501	0.450
28	ALBION CSD	1,829	0.453
29	CENTRAL ISLIP UFSD	7,224	0.455
30	ELMIRA CITY SD	5,751	0.458
31	AMSTERDAM CITY SD	3,574	0.460

Source: New York State Education Department, 2016-17.

Appendix F

Regents Regional Cost Index

The Regional Cost Index (RCI) was developed in recognition of the geographic cost variations in different areas of New York State. The index, which is based on the work of researchers for the state of Oregon, uses median salaries in professional occupations that require similar credentials to that of positions in the education field. These occupational titles typically require a bachelor's degree for employment at the entry level. The RCI was created from the wages of 61 professional, non-education occupations. Education-related titles were excluded to ensure that the index measured labor market costs and not the tastes or control of school districts.

Professional Cost Index for New York State by Labor Force Region (2016) REGIONAL COST DIFFERENCES – How much will \$1,000 buy?		
Labor Force Region	Index Value	Purchasing Power of \$1,000 by Region
Long Island/NYC	1.425	\$702
Hudson Valley	1.314	\$761
Finger Lakes	1.141	\$876
Capital District	1.124	\$890
Central New York	1.103	\$907
Western New York	1.091	\$917
Southern Tier	1.045	\$957
Mohawk Valley	1.000	\$1,000
North Country	1.000	\$1,000

Source: NYSED: Update to the Regents Regional Cost Index (2016)

Construction of the Index

Cited from NYSED: Update to the Regents Regional Cost Index (2012)

In order to adjust for geographic variations in the cost of educational resources, the Regional Cost Index (RCI) was generated following a methodology similar to one developed by Rothstein and Smith for the state of Oregon. This involved the use of a statewide index based on median salaries in professional occupations that require similar credentials to that of positions in the education field. In particular, these titles represented categories for which employment at the entry level typically requires a bachelor's degree. The professional occupations selected for use in this index are based on a list of 94 occupational titles developed for use in the state of Oregon.

The previous RCI was based on 56 of the 94 occupational titles used in the Oregon study. However, due to changes in employment data within many of New York State's 10 labor force regions, 61 titles were used for this edition of the RCI. The titles used appear in Appendix A. In addition to those titles with missing data, the final list excluded teachers, other educational positions, and categories that tended to be restricted to federal and state government, since the markets for teachers and for many government positions tend not to be fully competitive. Education-related titles were also excluded in order to ensure that this index be entirely a measure of labor market costs, and not be subject to the tastes or control of districts. Therefore, we sought to measure genuine labor market costs, not the results of districts' decisions to hire especially high-quality teachers, or to influence the index value in later years by choosing to pay more for staff. By basing the index on the wages earned in the labor market by professionals with similar skills, we have created a measure of costs in the sector of the labor market in which districts compete for teachers and staff in each region of the state. Since personnel salaries and benefits make up the vast majority of the costs faced by school districts (historically about 75% in New York State), the RCI allows for an individual to compare the buying power of the educational dollar in the different labor force regions of the state.

¹ This methodology is described in Rothstein, R., & Smith (1997). *Adjusting Oregon Education Expenditures for Regional Cost Differences: A Feasibility Study*. Sacramento, CA: Management Analysis & Planning Associates, LLC

Appendix G

Data Selection and Presentation

New York City Excluded in Data Analysis

The academic performance of students in New York City, as well as the method by which the city finances its education, are so different from the other counties in the state, that New York City has traditionally been treated as a separate system that has its own share.

Rankings

Depending on the data under analysis, the ranking scale of 1 to 56 may differ from table to table. In some cases, 1 represents the highest, while 56 represents the lowest. In other instances, 1 is the lowest and 56 is the highest. Each table includes a description explaining which scale was selected to depict the data within the table.

Key Facts

The key facts listed under each table emphasize verified data that support Long Island's priorities for statewide school finance reform.

Appendix H

Previous Long Island Education: Costs and Outcomes Reports

Long Island Education:

Costs and Outcomes – 2016

Long Island Association / The Long Island Education Coalition

Long Island Education:

Costs and Outcomes – August 2014

Long Island Association / The Long Island Education Coalition

Long Island Education:

Costs and Outcomes – August 2012

Long Island Association / The Long Island Education Coalition

Long Island Education:

Costs and Outcomes – August 2010

Long Island Association / The Long Island Education Coalition

Long Island Education:

Costs and Outcomes – August 2008

Long Island Association / The Long Island Education Coalition

**Report of the Innovate Long Island Subcommittee
on K-12 Costs and Outcomes – August 2006**

Long Island Association / The Long Island Education Coalition

Long Island Education:

**Facts on Costs and Outcomes and Regional Priorities
for State Aid Reform – February 2005**

Long Island Education Coalition / Long Island Association

Long Island Education:

Facts on Costs and Outcomes, An Update – March 2003

Long Island Association / The Long Island Education Coalition

Reform of Educational Funding in New York State:

Providing a Sound, Basic Education for All Children – December 2003

NCCSA and SCSSA

Long Island Education:

Facts on Costs and Outcomes, An Update – October 2000

Long Island Association / The Long Island Education Coalition

**Proposal to Apply Regional Cost Index
to State Comprehensive Operating Aid Formula**

Long Island Education:

Facts on Costs and Outcomes, An Update – February 1998

The Long Island Education Coalition

Long Island Education:

Data and Facts on Costs and Outcomes – January 1996

*Prepared by a Joint Committee of The Long Island Association
and The Long Island Education Coalition*

References

Federal and State Tax Information Portal. Property Tax Rates, 2017.

<http://www.tax-rates.org/>. Retrieved April 2018.

New York State Department of Taxation and Finance. Taxable Sales and Purchases Quarterly Data (2014-15).

https://www.tax.ny.gov/research/stats/stat_excise/taxable_sales_and_purchases/taxable_sales_and_purchases_open_data.htm. Retrieved April 2018.

New York State Department of Taxation and Finance. Total Income and Tax Liability of Full-Year Residents, Tax Liability of Taxable Returns (2014).

<https://data.ny.gov/Government-Finance/Total-Income-And-Tax-Liability-By-Place-Of-Residen/nacg-rg66/data>. Retrieved April 2018.

New York State Education Department (2005-06, 2015-16). Fiscal Analysis and Research Unit. Fiscal Reporting System.

New York State Education Department (2006-07, 2015-16, 2016-17). New York State School Report Card Database.

New York State Department of Labor (2017). Labor Statistics: Occupational Wages.

<http://www.labor.ny.gov/stats/lswage2.asp>. Retrieved April 2018.

New York State Education Department (2016). Update to the Regional Cost Index.

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LIEC Member Organizations

Council of Administrators and Supervisors
Eastern Suffolk BOCES
Long Island Association of School Personnel Administrators
Long Island School Public Relations Association
Nassau BOCES
Nassau County Council of School Superintendents
Nassau County Elementary School Principals Association
Nassau County Secondary School Administrators Association
Nassau Region PTA
Nassau-Suffolk School Boards Association
Nassau Association of School Business Officials
New York State United Teachers (Nassau-Suffolk)
Reform Educational Financing Inequities Today (R.E.F.I.T.)
School Administrators Association of New York State (Nassau-Suffolk)
SCOPE Education Services
Suffolk Association of School Business Officials
Suffolk County High School Principals Association
Suffolk County School Superintendents Association
Suffolk Region PTA
Western Suffolk BOCES