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LONG ISLAND EDUCATION COSTS AND OUTCOMES

2021



Introduction



This thirteenth 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 has proven to be critically important to our region over the past 26 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.

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 illustrate this in the data that is included.

We have much work to do within a region that is struggling from a lengthy pandemic, shifting economic factors, changing demographics, unfunded mandates, and the impact 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 and an important economic engine. We need to have the difficult conversations to ensure that it continues to prepare our children for the future and support the region.

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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 26 years, a true, realistic regional cost adjustment has not been incorporated in a meaningful manner. The Foundation Aid formula that was implemented in 2007, resulting from the settlement of the Campaign for Fiscal Equity (CFE) case had intended to funnel more funds to school districts, but was almost immediately underfunded. Full implementation of the formula has only recently begun to be addressed. Although the enacted budget for 2021-22 included a significant allocation of Foundation Aid and a plan for a three-year full phase-in of Foundation Aid, the state currently remains more than \$2 billion below the full funding of the Foundation Aid formula.

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 this report over the past 26 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 shift, and the divide between the haves and the have nots increases, data from this report has helped 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.

This year we have included two additional graphs to illustrate the graduation outcomes (per the 2014 Total Cohort – 5 year Outcome – August 2019) of Long Island's and New York's least-wealthy and wealthiest school districts, which highlight two new facts:

- Long Island school districts have a greater graduation rate and lower dropout rate than school districts in New York State.
- Long Island's least-wealthy school districts have a greater graduation rate and lower dropout rate than the least-wealthy school districts in New York State.

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 nearly 1 to nearly 50 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 nearly 12 to nearly 37 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 0.1 to over 54 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 F).

2. The percentage of Long Island's students participating in the Elementary and Middle Level Assessments is 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 is 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 serve a greater percentage of English Language Learner (ELL) students than Long Island (9.2%).

The data indicate that the least-wealthy school districts on Long Island serve a higher percentage of ELL students (26.1%) than Long Island as a whole (9.2%). Long Island as a region serves a higher percentage of ELL students than New York State (6.0%).

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 (95.1%) in 2018-19 rank above the statewide median (91.9%). For the same year, Long Island's percentage of high school students graduating with a Regents Diploma with Advanced Designation (58.5%) rank well above the statewide median (40.8%) (see Table 7).

The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma (91.1%) in 2018-19 is below Long Island's wealthiest school districts (95.6%). 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 (25.7%) is below the statewide median (40.8%) and well below Long Island's wealthiest school districts (70.0%) (see Tables 7 and 12).

5. Long Island ranks fourth in the percentage of graduates (86.0%) planning to enter post-secondary education in 2018-19 (see Table 10).
6. The percentage of students educated in Long Island's least-wealthy districts planning to enter post-secondary education (83.6%) is slightly above the statewide median (73.1%), but it is almost 5.8 percentage points below Long Island's wealthiest districts (89.4%) (see Tables 10 and 12).
7. Long Island is below the statewide median (7.4%) in the percentage of students reported as dropping out of school. (3.8%) (see Table 11).

The dropout rate in the least-wealthy school districts (11.2%) on Long Island is 7.3 percentage points greater than that of the wealthiest districts on Long Island (3.9%), and 4.6 percentage points greater than New York State (6.6%) (see Table 12).

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 13).

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

9. Long Island's regionally adjusted per pupil expense (\$19,599) is 5.6% below Fulton County (\$20,687), the county at the median (see Table 16).
10. Long Island averaged a 3.62 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 is 4.01 (see Table 17).
11. Long Island continues to experience a decline in student enrollment (-6.4%). However, student enrollment declines in 50 other counties (89%) outpace the decline on Long Island (see Table 18).

Salaries

12. The mean (average) salary for elementary, middle, and secondary school teachers on Long Island ranges from \$107,730 to \$108,380. When adjusted for regional cost differences by the New York State Education Department's Professional Cost Index, these salaries range from \$75,160 to \$76,056. These adjusted salaries are comparable to the unadjusted statewide salary range (\$75,453 to \$78,641). When Long Island's adjusted salaries are compared to the adjusted statewide salary range (\$65,711 to \$68,508), 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 14).
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 15).

Local Effort/State Share

14. When New York City is included, the share of state aid directed to Long Island (12.5%) is less than the percentage of the state's children being educated on Long Island (17.3%) (see Table 20).
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 25.8% (excluding STAR). State aid, however, funds 44.0% of school revenues in the rest of the state (excluding STAR). When STAR is included, the shares are 32.1% and 49.4%, respectively. Property tax levy and other revenue provide 66.3% of school district revenues to Long Island compared to 47.1% in the rest of the state (see Table 20).
17. Long Island accounts for 30.2% of the annual taxable sales in the state (excluding New York City) (see Table 21).
18. Residents on Long Island (excluding New York City) pay 37.8% of the state's income taxes. (see Table 22).

Long Island ranks as the second highest region in the state in the total state income tax paid by full year residents per capita. (see Table 22a).

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 23).

Long Islanders spent approximately 69% 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 23).

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 total number of students educated in wealthy Long Island school districts.

Regional Enrollment

Region	Total Number of Students (2018-19)	% of Students Enrolled in Low-Wealth School Districts
Suffolk County	229,994	57.7
Eastern Suffolk BOCES	152,228	68.4
Western Suffolk BOCES	77,766	36.7
Nassau County (Nassau BOCES)	196,577	29.6
Long Island	426,571	44.7

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

Source: New York State Education Department, 2018-19 School Report Card database.

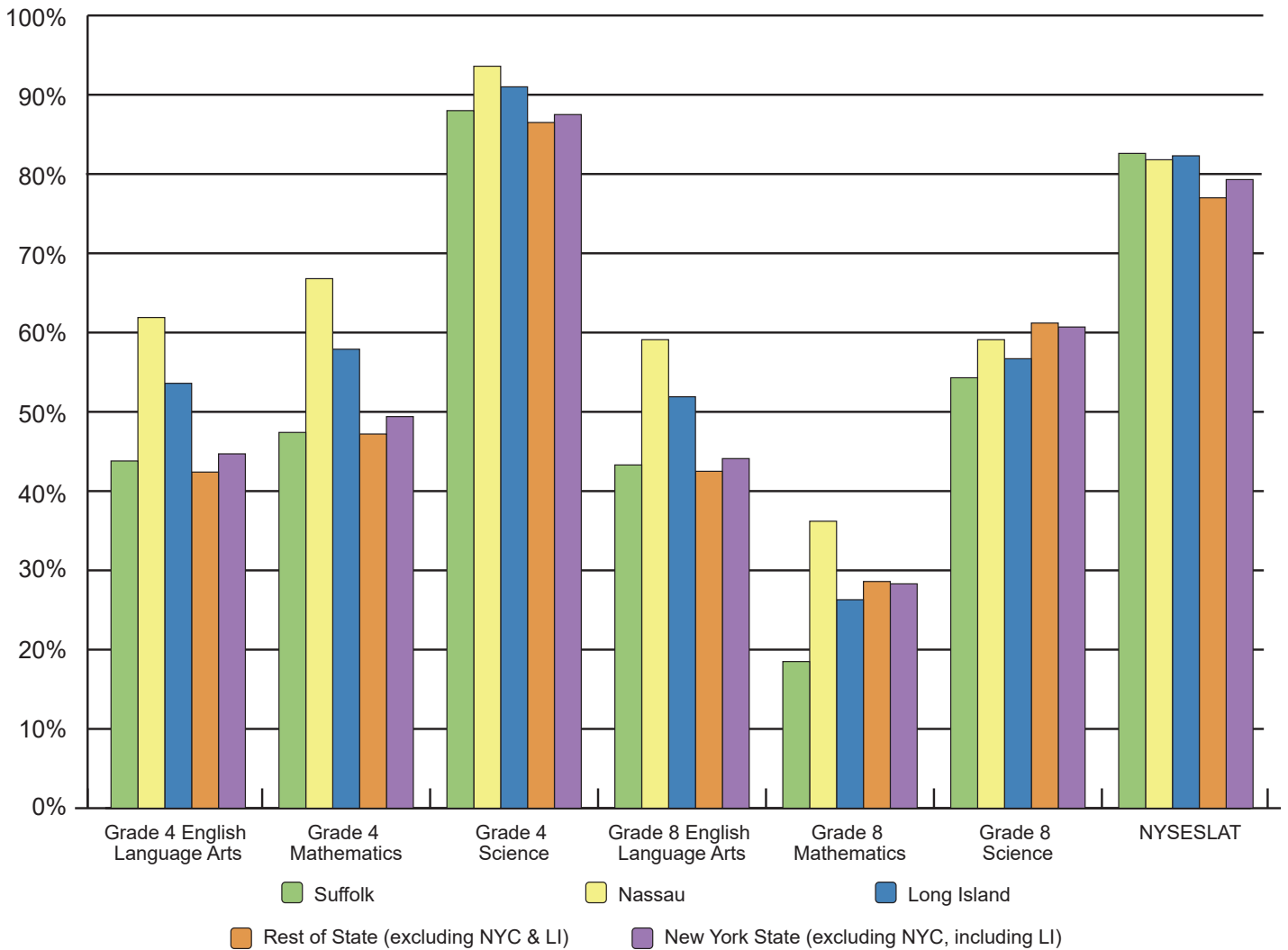
TABLE 1

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

Assessments	Suffolk		Nassau		Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%	N	%	N	%
Grade 4 English Language Arts	8,738	43.8	10,178	61.9	18,916	53.6	74,533	42.4	93,449	44.7
Grade 4 Mathematics	8,930	47.4	10,492	66.8	19,422	57.9	74,613	47.2	94,035	49.4
Grade 4 Science	10,096	88.0	11,720	93.6	21,816	91.0	76,863	86.5	98,679	87.5
Grade 8 English Language Arts	5,921	43.3	7,049	59.1	12,970	51.9	60,876	42.5	73,846	44.1
Grade 8 Mathematics	3,025	18.5	2,381	36.2	5,406	26.3	45,590	28.6	50,996	28.3
Grade 8 Science	3,435	54.3	3,302	59.1	6,737	56.7	47,670	61.2	54,407	60.7

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 2018-19.

Source: New York State Education Department, 2018-19 School Report Card database.



Key Fact:

1. Long Island’s elementary and middle level students outperformed other students statewide on five of six exams.

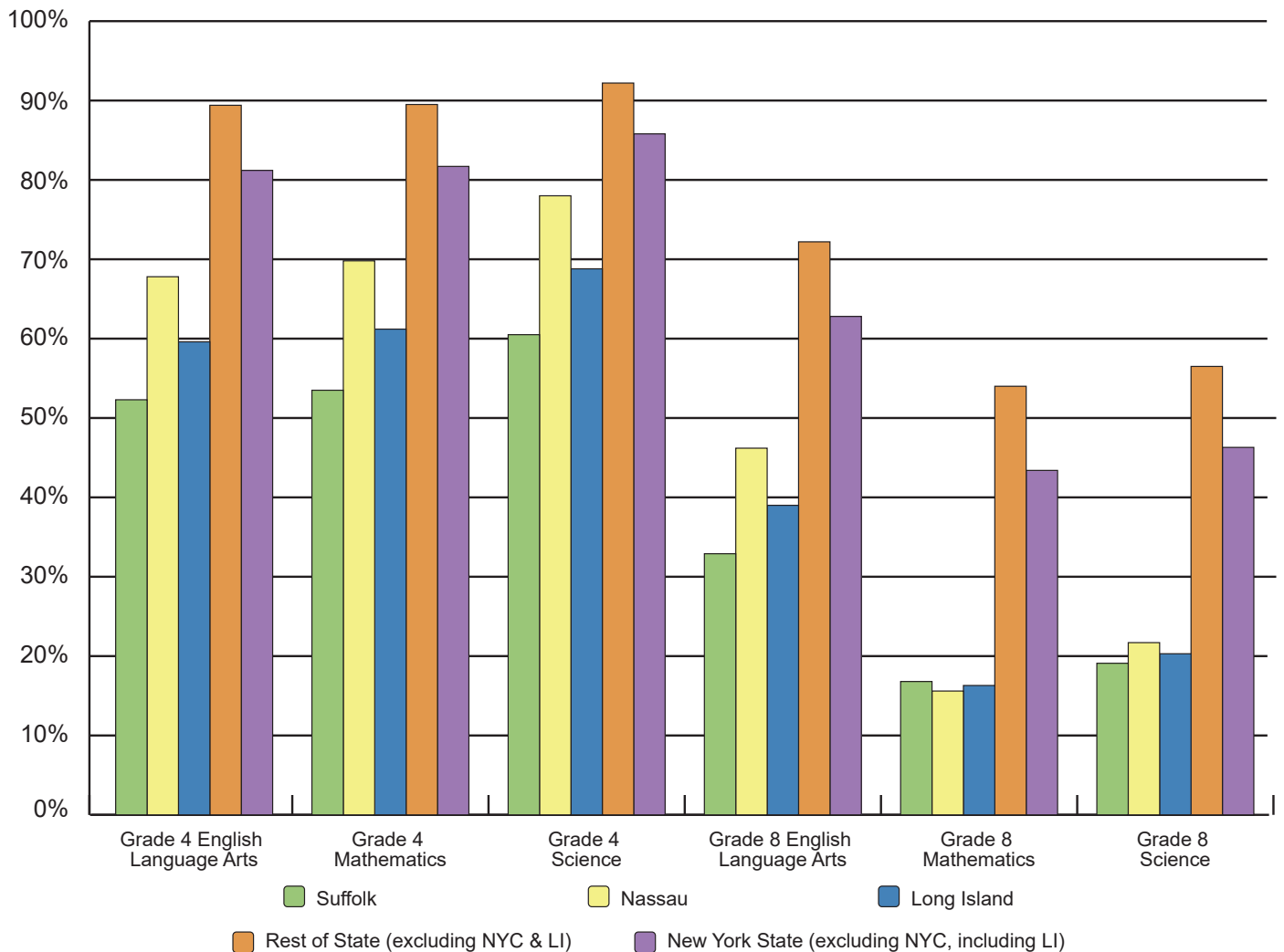
TABLE 1a

Participation of Long Island Students in Elementary and Middle Level Assessments

Assessments	Suffolk		Nassau		Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%	N	%	N	%
Grade 4 Enrollment	16,692		15,021		31,713		83,349		115,062	
Grade 4 English Language Arts	8,738	52.3	10,178	67.8	18,916	59.6	74,533	89.4	93,449	81.2
Grade 4 Mathematics	8,930	53.5	10,492	69.8	19,422	61.2	74,613	89.5	94,035	81.7
Grade 4 Science	10,096	60.5	11,720	78.0	21,816	68.8	76,863	92.2	98,679	85.8
Grade 8 Enrollment	17,974		15,247		33,221		84,372		117,593	
Grade 8 English Language Arts	5,921	32.9	7,049	46.2	12,970	39.0	60,876	72.2	73,846	62.8
Grade 8 Mathematics	3,025	16.8	2,381	15.6	5,406	16.3	45,590	54.0	50,996	43.4
Grade 8 Science	3,435	19.1	3,302	21.7	6,737	20.3	47,670	56.5	54,407	46.3

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, 2018-19 School Report Card database.



Key Fact:

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

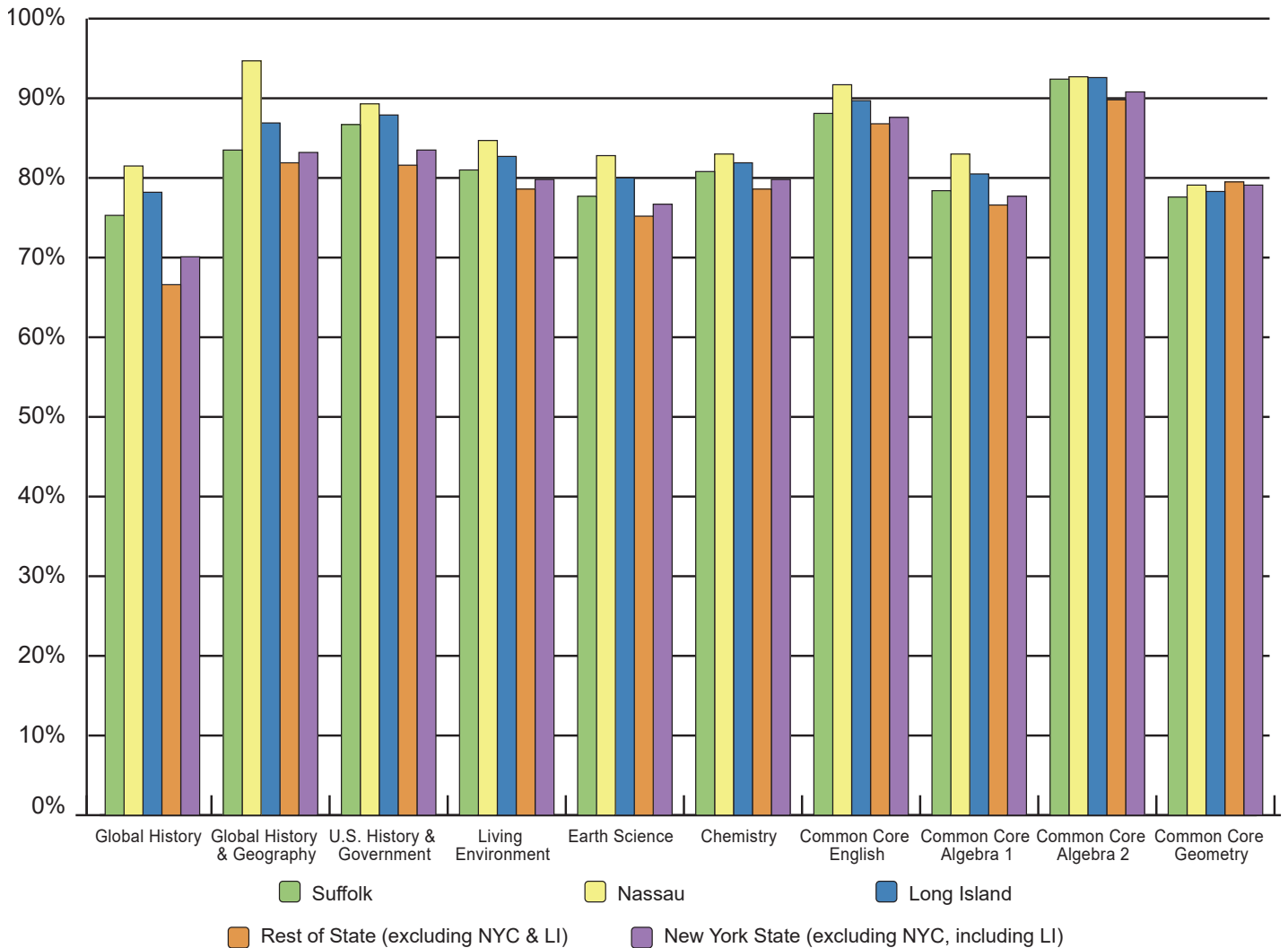
TABLE 2

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

Assessments	Suffolk		Nassau		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Global History	15,645	75.3	13,942	81.5	29,587	78.2	69,705	66.6	99,292	70.1
Global History and Geography II	11,479	83.5	4,914	94.7	16,393	86.9	44,934	81.9	61,327	83.2
U.S. History and Government	20,036	86.7	16,827	89.3	36,863	87.9	89,810	81.6	126,673	83.5
Living Environment	22,868	81.0	18,845	84.7	41,713	82.7	100,442	78.6	142,155	79.8
Earth Science	18,388	77.7	14,995	82.8	33,383	80.0	73,113	75.2	106,496	76.7
Chemistry	12,814	80.8	12,609	83.0	25,423	81.9	46,987	78.6	72,410	79.8
Common Core English	21,533	88.1	17,613	91.7	39,146	89.7	95,165	86.8	134,311	87.6
Common Core Algebra 1	23,669	78.4	20,107	83.0	43,776	80.5	108,910	76.6	152,686	77.7
Common Core Algebra 2	12,509	92.4	12,510	92.7	25,019	92.6	44,046	89.8	69,065	90.8
Common Core Geometry	17,496	77.6	16,169	79.1	33,665	78.3	60,225	79.5	93,890	79.1

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, 2018-19.

Source: New York State Education Department, 2018-19 School Report Card database.



Key Fact:

1. Long Island's secondary students consistently outperformed other students statewide on nine 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 (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		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	4,123	35.5	1,338	69.4	18,916	53.6	74,533	42.4	93,449	44.7
Grade 4 Mathematics	4,217	38.9	1,388	73.2	19,422	57.9	74,613	47.2	94,035	49.4
Grade 4 Science	4,511	82.1	1,470	93.7	21,816	91.0	76,863	86.5	98,679	87.5
Grade 8 English Language Arts	2,753	27.8	1,084	68.5	12,970	51.9	60,876	42.5	73,846	44.1
Grade 8 Mathematics*	1,380	7.6	453	57.4	5,406	26.3	45,590	28.6	50,996	28.3
Grade 8 Science**	1,751	36.8	345	52.2	6,737	56.7	47,670	61.2	54,407	60.7
Students Scoring 65+ on Regents Exams and 3, 4, or 5 on Common Core Exams										
	Long Island Least-Wealthy Districts (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Global History (Transition)	5,427	59.3	1,745	79.8	29,587	78.2	69,705	66.6	99,292	70.1
Global History & Geography II*** (New Framework)	3,798	79.0	861	94.8	16,393	86.9	44,934	81.9	61,327	83.2
U.S. History & Government	6,086	72.0	2,335	90.0	36,863	87.9	89,810	81.6	126,673	83.5
Living Environment	7,794	63.0	2,457	89.0	41,713	82.7	100,442	78.6	142,155	79.8
Earth Science	4,308	59.2	1,976	82.8	33,383	80.0	73,113	75.2	106,496	76.7
Chemistry	2,285	66.0	1,728	85.2	25,423	81.9	46,987	78.6	72,410	79.8
Common Core English	6,963	76.2	2,472	93.6	39,146	89.7	95,165	86.8	134,311	87.6
Common Core Algebra 1	9,021	58.8	2,546	87.9	43,776	80.5	108,910	76.6	152,686	77.7
Common Core Algebra 2	2,098	84.1	1,808	95.9	25,019	92.6	44,046	89.8	69,065	90.8
Common Core Geometry	3,777	53.7	2,134	90.5	33,665	78.3	60,225	79.5	93,890	79.1

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, 2018-19. The least-wealthy school districts are those that serve 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1000+ students and also have the highest CWR in the region.

*Grade 8 Math - 9 of the 10 least-wealthy districts reported data.

**Grade 8 Science - 9 of the 10 least-wealthy districts reported data.

***Global History & Geography II (New Framework)- 8 of the 10 least-wealthy districts and 4 of the 10 wealthiest districts reported data.

Source: New York State Education Department, 2018-19 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 0.8 to 49.8 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 11.8 to nearly 36.8 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

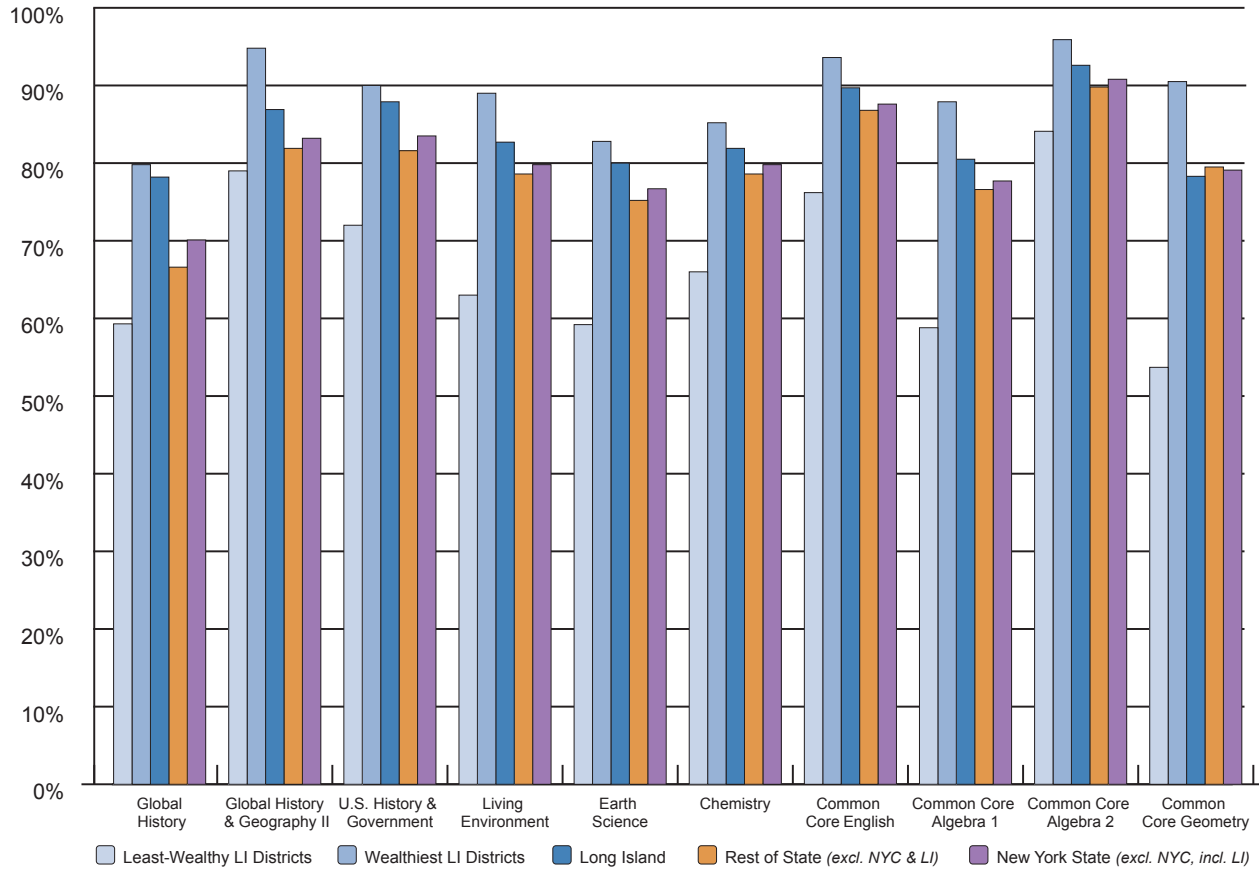
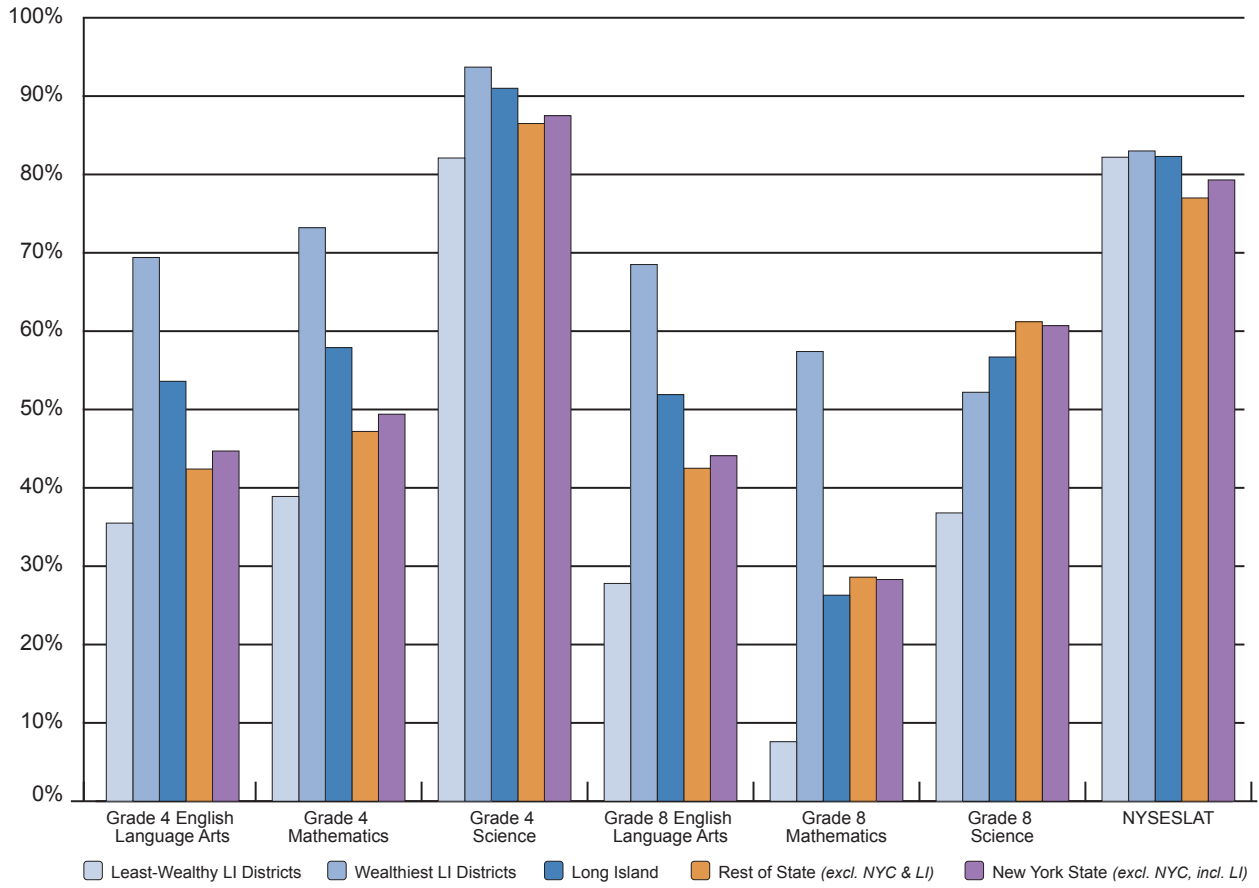


TABLE 3a

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

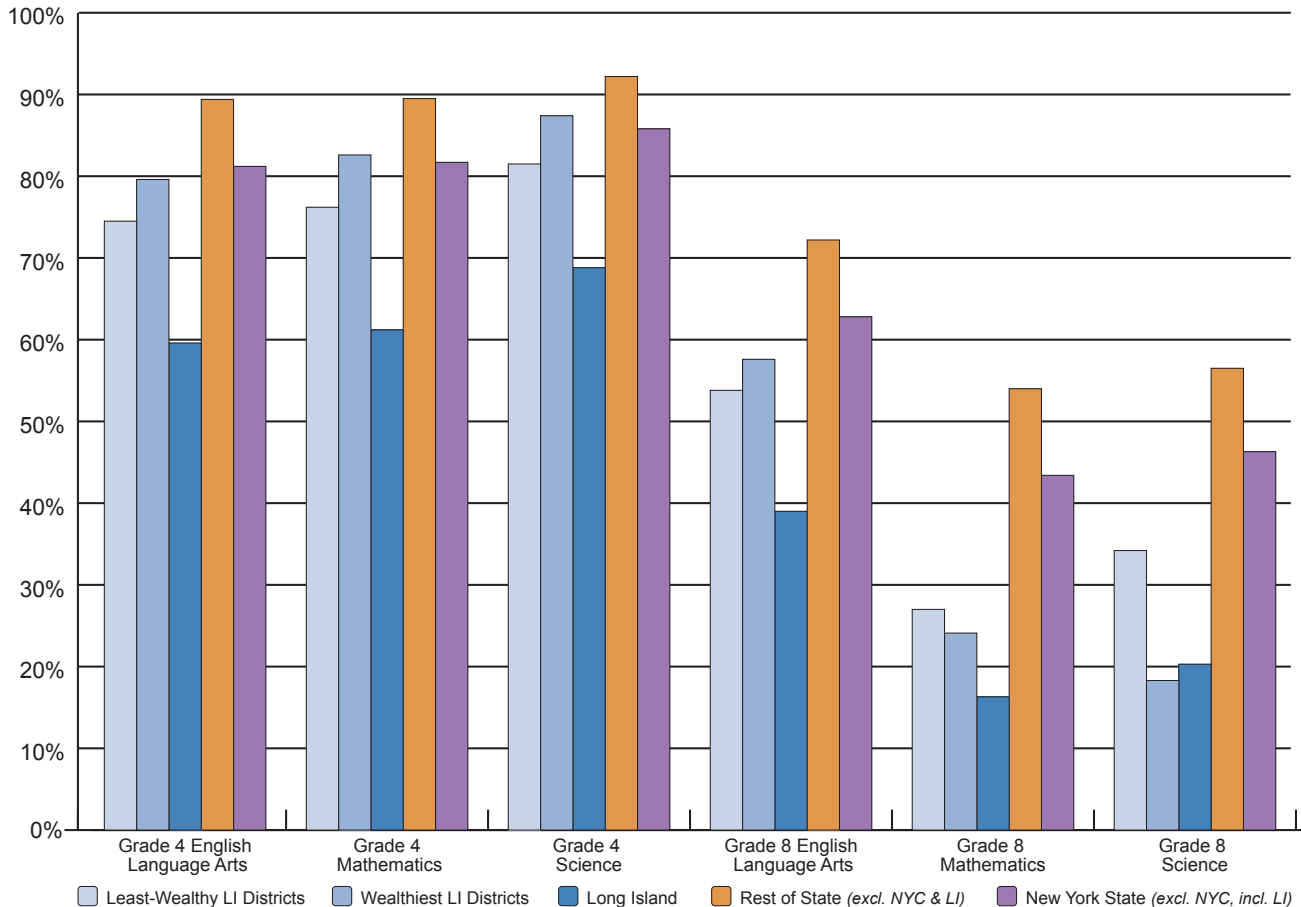
Assessments	Long Island Least-Wealthy Districts (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Grade 4 Enrollment	5,537		1,681		31,713		83,349		115,062	
Grade 4 English Language Arts	4,123	74.5	1,338	79.6	18,916	59.6	74,533	89.4	93,449	81.2
Grade 4 Mathematics	4,217	76.2	1,388	82.6	19,422	61.2	74,613	89.5	94,035	81.7
Grade 4 Science	4,511	81.5	1,470	87.4	21,816	68.8	76,863	92.2	98,679	85.8
Grade 8 Enrollment	5,120		1,881		33,221		84,372		117,593	
Grade 8 English Language Arts	2,753	53.8	1,084	57.6	12,970	39.0	60,876	72.2	73,846	62.8
Grade 8 Mathematics*	1,380	27.0	453	24.1	5,406	16.3	45,590	54.0	50,996	43.4
Grade 8 Science**	1,751	34.2	345	18.3	6,737	20.3	47,670	56.5	54,407	46.3

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 service 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1000+ 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 – 9 of the 10 least-wealthy districts reported data.

**Grade 8 Science – 9 of the 10 wealthiest districts reported data.

Source: New York State Education Department, 2018-19 School Report Card database.



Key Fact:

1. The percentage of students in Long Island’s least-wealthy school districts participating in the Elementary and Middle Level Assessments is 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* (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (31 districts) Total Enrollment 160,075		Rest of State (excl. LI & NYC) Wealthiest Districts (31 districts) Total Enrollment 76,599		New York State (excl. NYC, incl. LI) Least-Wealthy Districts*** (41 districts) Total Enrollment 206,464		New York State (excl. NYC, incl. LI) Wealthiest Districts (41 districts) Total Enrollment 113,586	
	N	%	N	%	N	%	N	%	N	%	N	%
Grade 4 English Language Arts	4,123	35.5	1,338	69.4	12,219	25.1	5,110	66.3	15,059	26.3	6,835	72.7
Grade 4 Mathematics	4,217	38.9	1,388	73.2	12,283	24.9	5,126	71.5	15,148	26.8	6,939	76.4
Grade 4 Science	4,511	82.1	1,470	93.7	12,242	70.9	5,250	95.1	15,299	72.8	7,439	95.8
Grade 8 English Language Arts	2,753	27.8	1,084	68.5	9,924	24.2	4,541	68.0	11,996	24.6	5,738	72.7
Grade 8 Mathematics	1,380	7.6	453	57.4	7,921	12.0	3,256	59.2	9,063	12.1	3,173	66.3
Grade 8 Science	1,751	36.8	345	52.2	8,055	34.1	2,789	80.4	9,672	35.1	3,163	81.6
Regents Exam Results – Number of Students Tested and Percentage Scoring 65+ (3, 4, or 5 on Common Core Exams)												
	Long Island Least-Wealthy Districts* (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (31 districts) Total Enrollment 160,075		Rest of State (excl. LI & NYC) Wealthiest Districts (31 districts) Total Enrollment 76,599		New York State (excl. NYC, incl. LI) Least-Wealthy Districts*** (41 districts) Total Enrollment 206,464		New York State (excl. NYC, incl. LI) Wealthiest Districts (41 districts) Total Enrollment 113,586	
	N	%	N	%	N	%	N	%	N	%	N	%
Global History (Transition)	5,427	59.3	1,745	79.8	11,147	42.2	2,654	81.2	14,129	45.1	5,764	86.4
Global History & Geography II (New Framework)	3,798	79.0	861	94.8	8,742	60.7	3,865	95.9	11,140	64.6	4,627	97.1
U.S. History & Government	6,086	72.0	2,335	90.0	12,864	60.5	5,779	93.4	16,860	62.5	9,392	94.2
Living Environment	7,794	63.0	2,457	89.0	15,849	54.3	6,361	90.7	20,566	56.7	9,965	92.9
Earth Science	4,308	59.2	1,976	82.8	8,311	48.8	4,472	84.2	10,879	52.0	7,633	89.6
Chemistry	2,285	66.0	1,728	85.2	3,660	61.0	3,703	88.3	4,996	61.6	7,228	91.5
Common Core English	6,963	76.2	2,472	93.6	13,460	73.4	6,374	95.0	18,219	73.5	10,195	95.4
Common Core Algebra 1	9,021	58.8	2,546	87.9	18,163	54.3	6,892	90.4	23,806	55.0	10,691	92.6
Common Core Algebra 2	2,098	84.1	1,808	95.9	3,925	74.1	1,693	94.0	5,144	76.6	5,816	97.2
Common Core Geometry	3,777	53.7	2,134	90.5	6,408	54.5	3,068	87.4	8,424	56.1	7,455	91.9

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 State 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, 2018-19. The least-wealthy school districts are those that serve 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1000+ students and also have the highest CWR in the region.

*Long Island least-wealthy districts - 9 of 10 reported for Grade 8 Math; 8 of 10 for Global History & Geography II (New Framework). Wealthiest districts – 9 of 10 reported for Grade 8 Science; 4 of 10 for Global History and Geography II (New Framework).

**Rest of State least-wealthy districts - 28 of 31 reported for NYSESLAT; 28 of 31 for Common Core English; 30 of 31 for Earth Science; 26 of 31 for Global History and Geography II (New Framework). Wealthiest districts - 28 of 31 reported for Grade 8 Science; 29 of 31 for Earth Science; 25 of 31 for Chemistry; 16 of 31 for Common Core Algebra 2; 23 of 31 for Common Core Geometry; 30 of 31 Global History (Transition); 20 of 31 for Global History and Geography II (New Framework).

***New York State least-wealthy districts - 40 of 41 reported for Grade 8 Math; 38 of 41 for NYSESLAT. Wealthiest districts - 36 of 41 reported for Grade 8 Science.

Source: New York State Education Department, 2018-19 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 23 to over 54 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 nearly 22 to over 41 percentage points below the performance of the wealthiest school districts in New York State.
3. Overall, 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

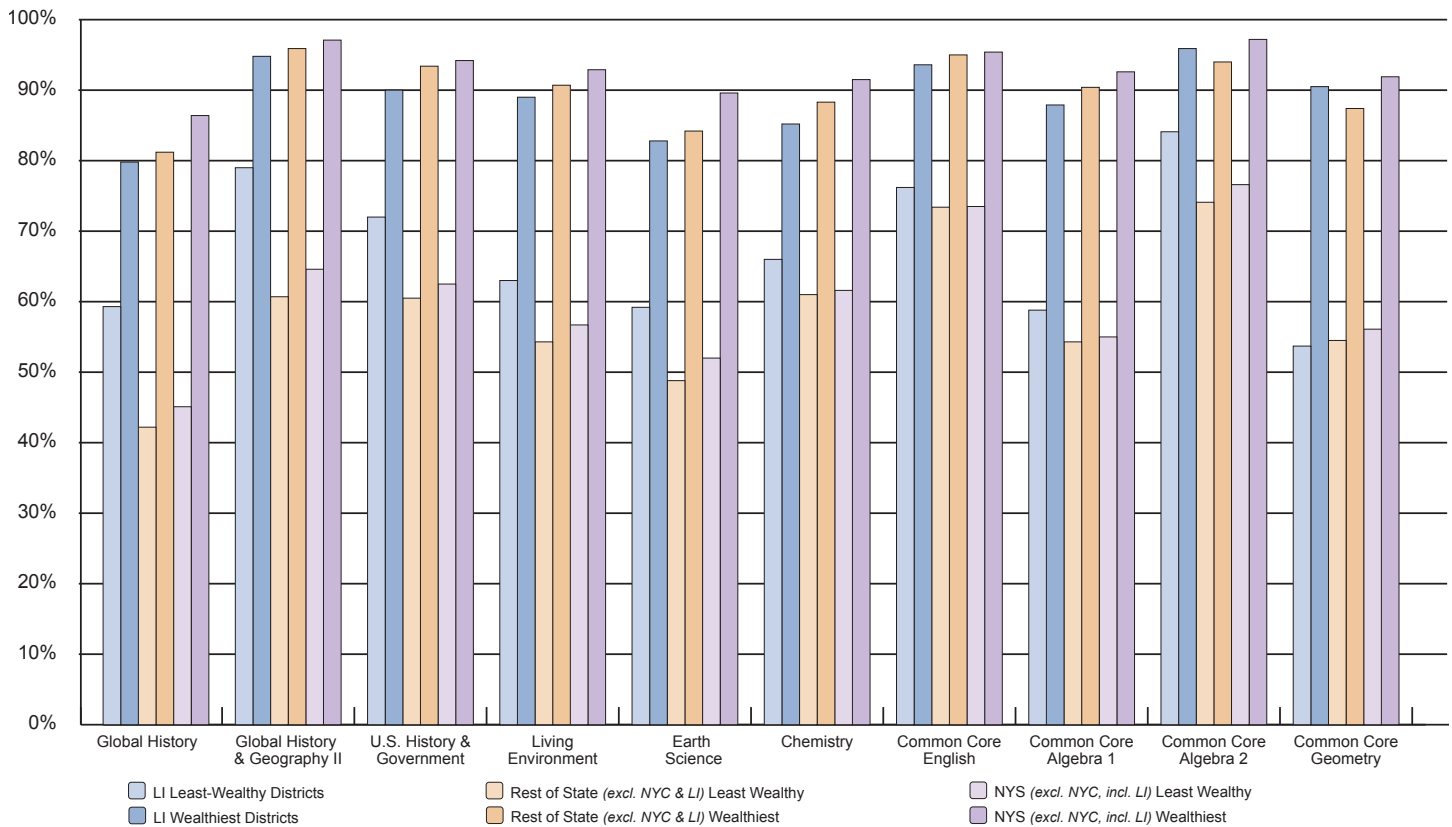
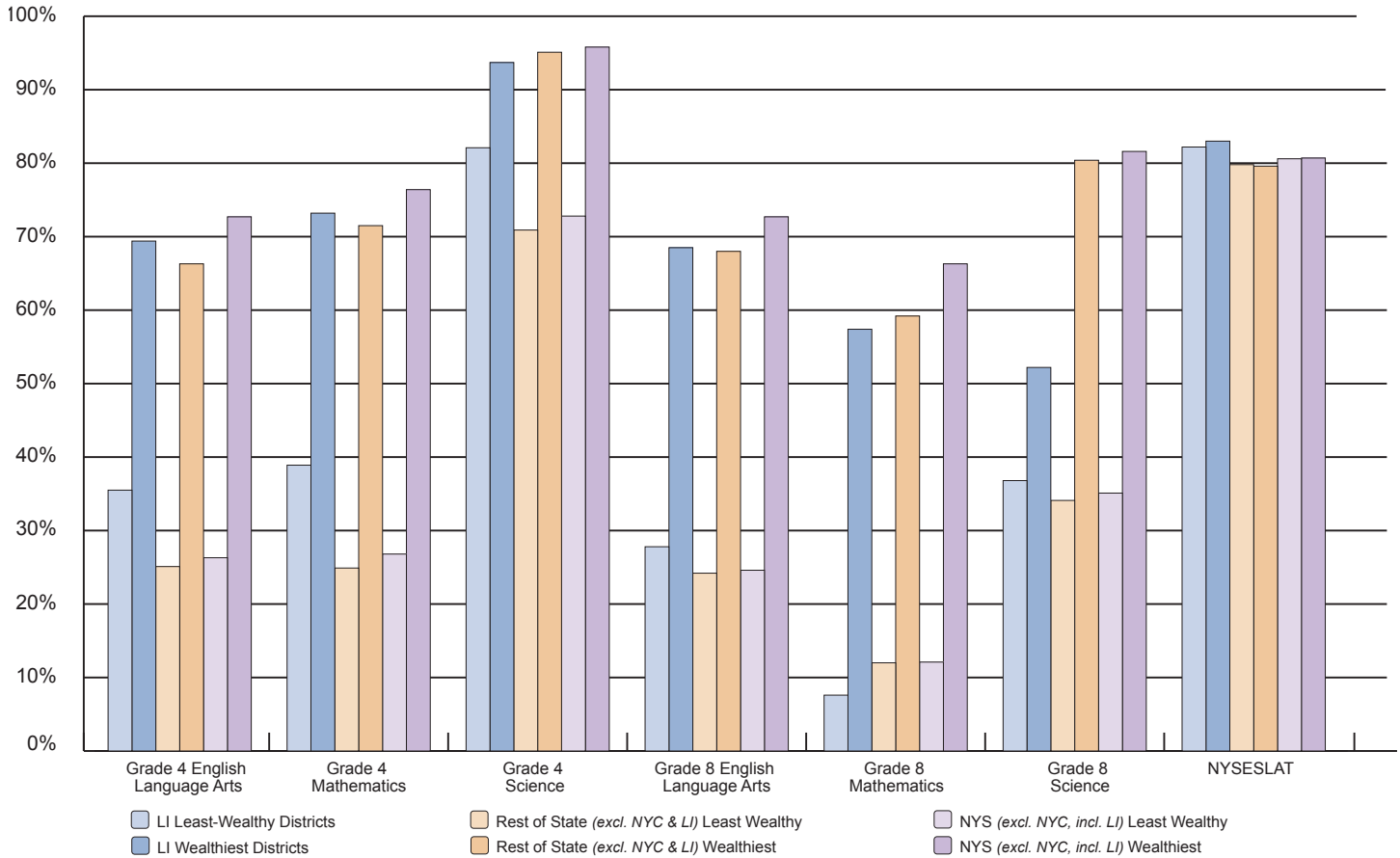


TABLE 4a

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

Assessments	Long Island Least-Wealthy Districts* (10 districts)		Long Island Wealthiest Districts (10 districts)		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (31 districts)		Rest of State (excl. LI & NYC) Wealthiest Districts (31 districts)		New York State (excl. NYC, incl. LI) Least-Wealthy Districts (41 districts)		New York State (excl. NYC, incl. LI) Wealthiest Districts*** (41 districts)	
	N	%	N	%	N	%	N	%	N	%	N	%
Grade 4 Enrollment	5,537		1,681		12,818		5,538		16,483		8,296	
Grade 4 English Language Arts	4,123	74.5	1,338	79.6	12,219	95.3	5,110	92.3	15,059	91.4	6,835	82.4
Grade 4 Mathematics	4,217	76.2	1,388	82.6	12,283	95.8	5,126	92.6	15,148	91.9	6,939	83.6
Grade 4 Science	4,511	81.5	1,470	87.4	12,242	95.5	5,250	94.8	15,299	92.8	7,439	89.7
Grade 8 Enrollment	5,120		1,881		11,433		5,961		14,727		8,988	
Grade 8 English Language Arts	2,753	53.8	1,084	57.6	9,924	86.8	4,541	76.2	11,996	81.5	5,738	63.8
Grade 8 Mathematics	1,380	27.0	453	24.1	7,921	69.3	3,256	54.6	9,063	61.5	3,173	35.3
Grade 8 Science	1,751	34.2	345	18.3	8,055	70.5	2,789	46.8	9,672	65.7	3,163	35.2

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 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1000+ students and also have the highest CWRs in the region.

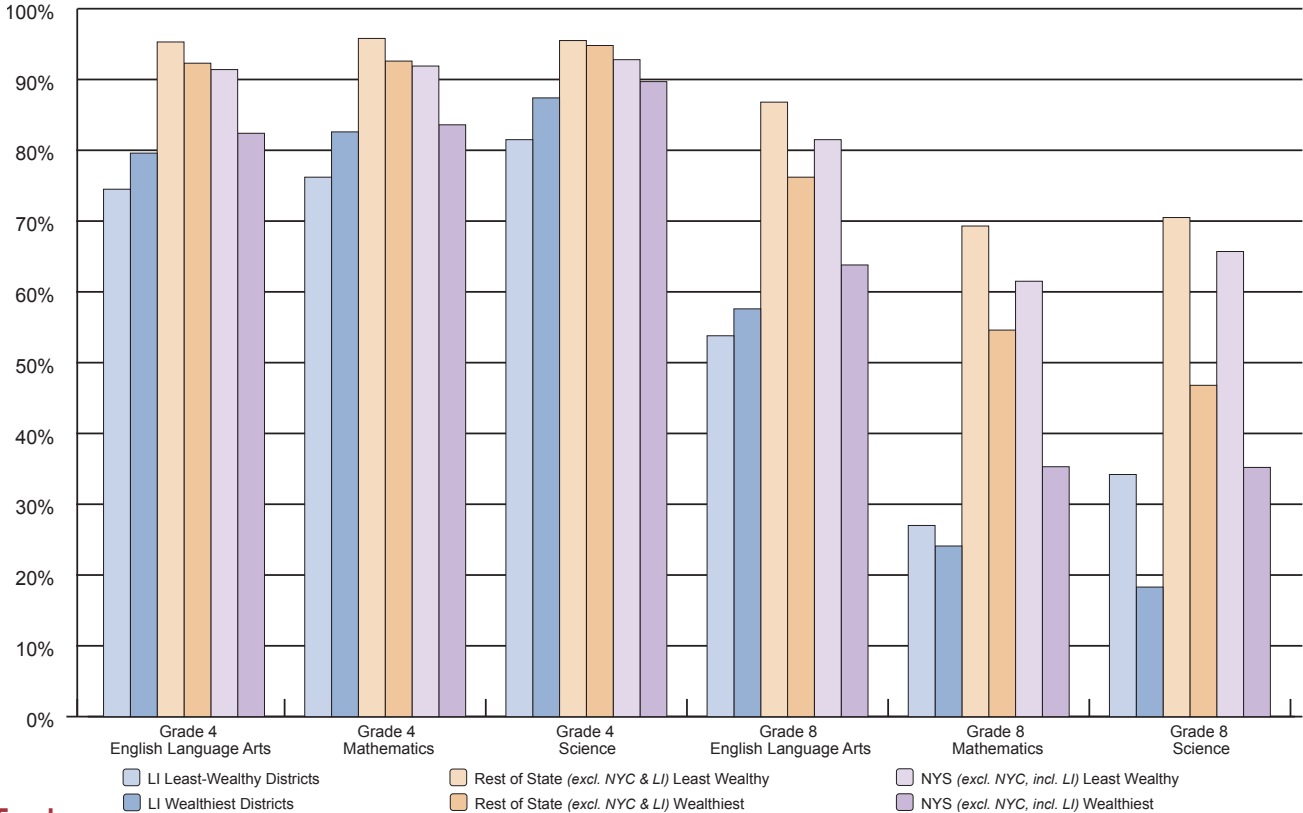
Note: Enrollment numbers include students who may qualify for alternate/other assessments or exemptions.

*Long Island least-wealthy districts – 9 of 10 reported for Grade 8 Math; 8 of 10 for Global History & Geography II (New Framework). Wealthiest districts – 9 of 10 reported for Grade 8 Science; 4 of 10 for Global History and Geography II (New Framework).

**Rest of State least-wealthy districts - 28 of 31 reported for NYSESLAT; 28 of 31 for Common Core English; 30 of 31 for Earth Science; 26 of 31 for Global History and Geography II (New Framework). Wealthiest districts - 28 of 31 reported for Grade 8 Science; 29 of 31 for Earth Science; 25 of 31 for Chemistry; 16 of 31 for Common Core Algebra 2; 23 of 31 for Common Core Geometry; 30 of 31 Global History (Transition); 20 of 31 for Global History and Geography II (New Framework).

***New York State least-wealthy districts - 40 of 41 reported for Grade 8 Math; 38 of 41 for NYSESLAT. Wealthiest districts - 36 of 41 reported for Grade 8 Science.

Source: New York State Education Department, 2018-19 School Report Card database.



Key Facts:

1. The percentage of Long Island’s least-wealthy students participating in the Elementary and Middle Level Assessments is lower than the least-wealthy students in the state, but significantly greater than Long Island as a whole (see Table 19).
2. The percentage of Long Island’s wealthiest students participating in the Elementary and Middle Level Assessments is 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 (10 districts)		Long Island Wealthiest Districts (10 districts)		Rest of State (excl. LI & NYC) Least-Wealthy Districts (31 districts)		Rest of State (excl. LI & NYC) Wealthiest Districts (31 districts)		New York State (excl. NYC, incl. LI) Least-Wealthy Districts (41 districts)		New York State (excl. NYC, incl. LI) Wealthiest Districts (41 districts)	
Total Enrollment	70,973		23,695		160,075		76,599		206,464		113,586	
Average Enrollment Per School District	7,097		2,370		5,164		2,471		5,036		2,770	
Demographics of Students	N	%	N	%	N	%	N	%	N	%	N	%
% White	6,093	8.6	12,937	54.6	63,444	39.6	49,835	65.1	70,526	34.2	74,164	65.3
% Black	14,677	20.7	837	3.5	48,528	30.3	3,036	4.0	56,037	27.1	3,216	2.8
% Hispanic	48,062	67.7	5,269	22.2	28,244	17.6	14,322	18.7	58,720	28.4	16,621	14.6
% Asian/Pacific Islander	1,154	1.6	3,984	16.8	9,599	6.0	6,252	8.2	10,278	5.0	15,980	14.1
% American Indian/Alaskan	164	0.2	156	0.7	2,597	1.6	68	0.1	2,835	1.4	234	0.2
% Multi-Racial	823	1.2	512	2.2	7,663	4.8	3,086	4.0	8,068	3.9	3,371	3.0
% Economically Disadvantaged	55,193	77.8	6,473	27.3	124,721	77.9	14,315	18.7	160,979	78.0	19,399	17.1
% English Language Learners (ELL)	18,557	26.1	1,932	8.2	17,094	10.7	3,745	4.9	30,075	14.6	5,430	4.8
% Students with Disabilities	9,365	13.2	3,497	14.8	30,704	19.2	10,083	13.2	37,095	18.0	15,245	13.4
Enrollment Count of 2014 Total Cohort (5 Year Outcome - August 2019)	5,785		2,406		12,598		6,366		16,320		10,239	
Dropout Rate	N	%	N	%	N	%	N	%	N	%	N	%
	649	11.2	93	3.9	2,320	18.4	135	2.1	2,837	17.4	207	2.0
State Aid Share (State Aid as % of Total Aid)		53.5		6.2		73.3		9.5		71.0		8.2
State Aid with STAR (State Aid & STAR as % of Total Aid)		57.4		8.8		75.7		15.6		73.6		12.5
Average Per Pupil Expenditure	\$24,980		\$35,879		\$22,536		\$30,654		\$22,823		\$33,050	

Description: Total and average enrollment, percentage of students by race/ethnicity, economically disadvantaged, English Language Learners (ELL), and dropout rate for the least-wealthy and the wealthiest districts in New York State in 2018-19. The dropout rate is based on the enrollment count of the 2014 Total Cohort (5 year outcome - August 2019.) 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.

Source: New York State Education Department, 2018-19 School Report Card database. Fiscal Analysis and Research Unit Fiscal Reporting System, 2017-18.

Key Facts:

On Long Island:

1. There is a significantly higher percentage of racially diverse students (91.4%) in the least-wealthy districts than there are in the wealthiest districts (45.4%).
2. There is a significantly higher percentage of students that are economically disadvantaged (77.8%) in the least-wealthy districts than there are in the wealthiest districts (27.3%).
3. The average enrollment of wealthy districts is significantly smaller (2,370 vs. 7,097), and the average per pupil expenditure is greater (\$35,879 vs. \$24,980).

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 racially diverse 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.

TABLE 5 (cont'd)

New York State's Least-Wealthy and Wealthiest School Districts Demographic

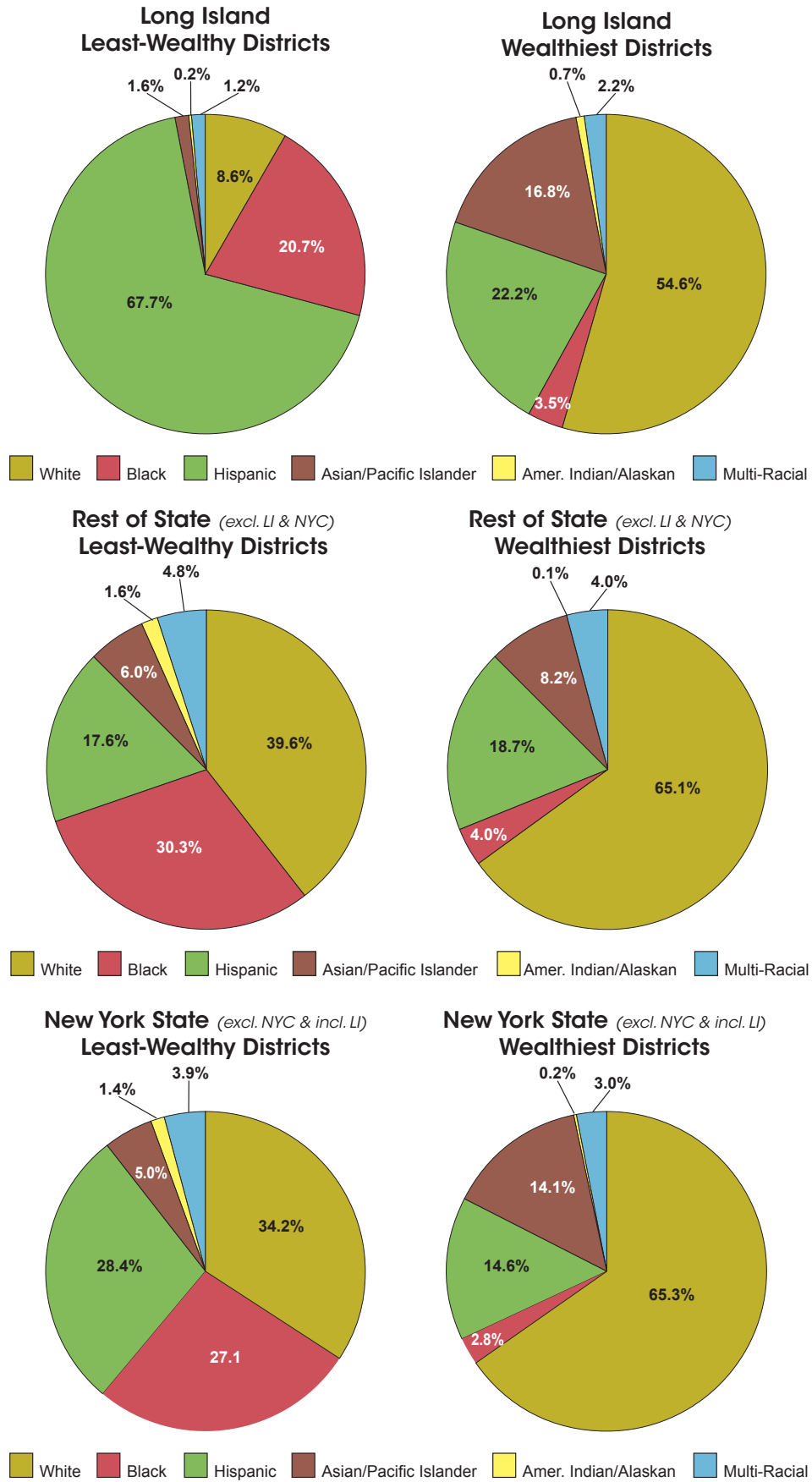


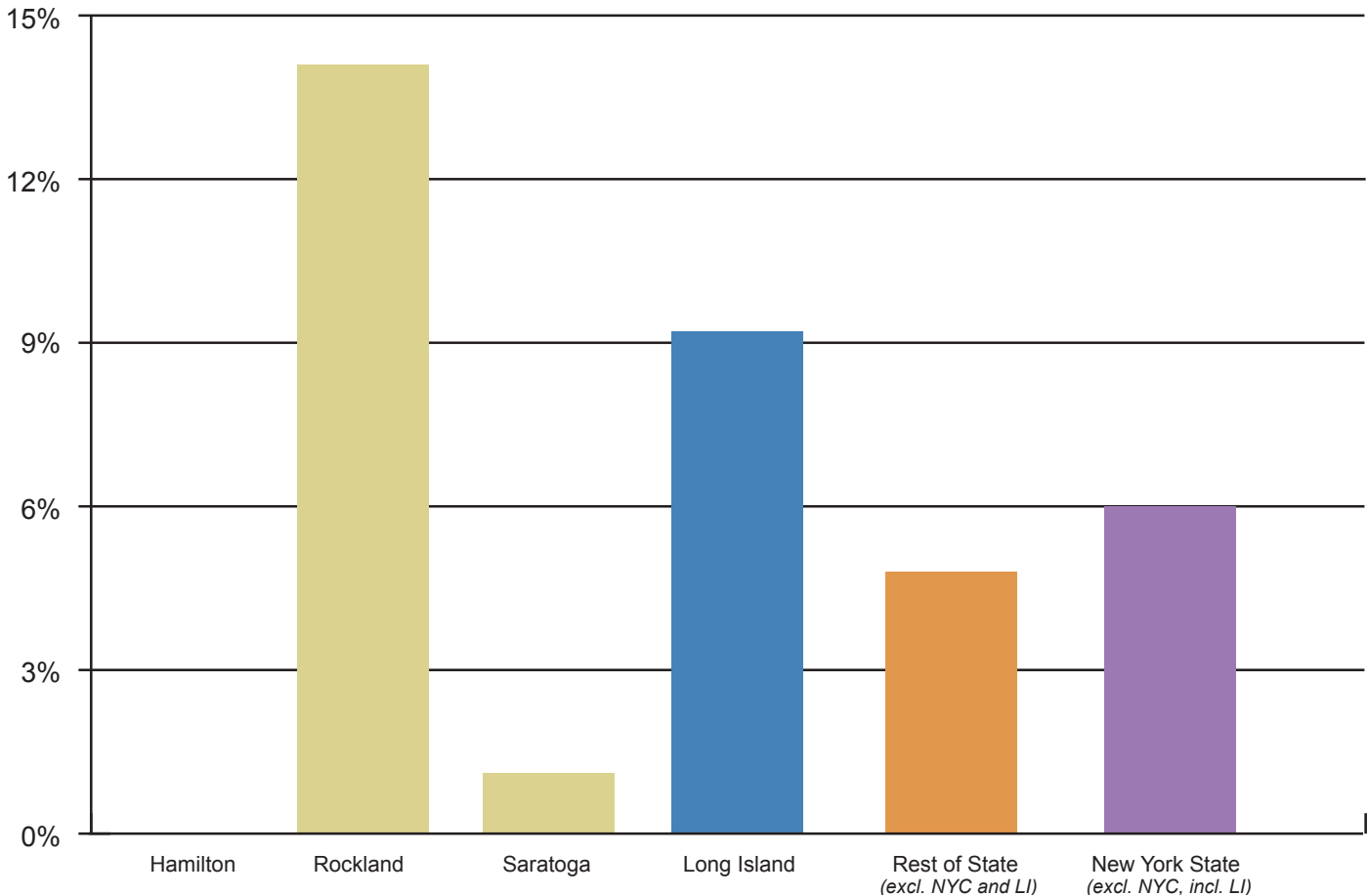
TABLE 6**Students Classified as English Language Learners (ELLs)
as a Percentage of Enrollment**

Rank	County/Region	Total Enrollment	% Classified as ELL	
			N	%
1	Hamilton	393	0	0.0
56	Rockland	39,205	5,542	14.1
Median 28	Saratoga	32,873	373	1.1
55	Long Island	429,846	39,537	9.2
	Rest of State (excluding NYC and LI)	1,128,801	53,772	4.8
	New York State (excluding NYC, including LI)	1,558,647	93,309	6.0

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, 2018-19 School Report Card database.

**Key Fact:**

1. The only region that serves a greater percentage of ELL students than Long Island (9.2%) is Rockland County (14.1%), and New York City served 14.8%. However, the number of ELL students on Long Island is over seven times greater than in Rockland County.

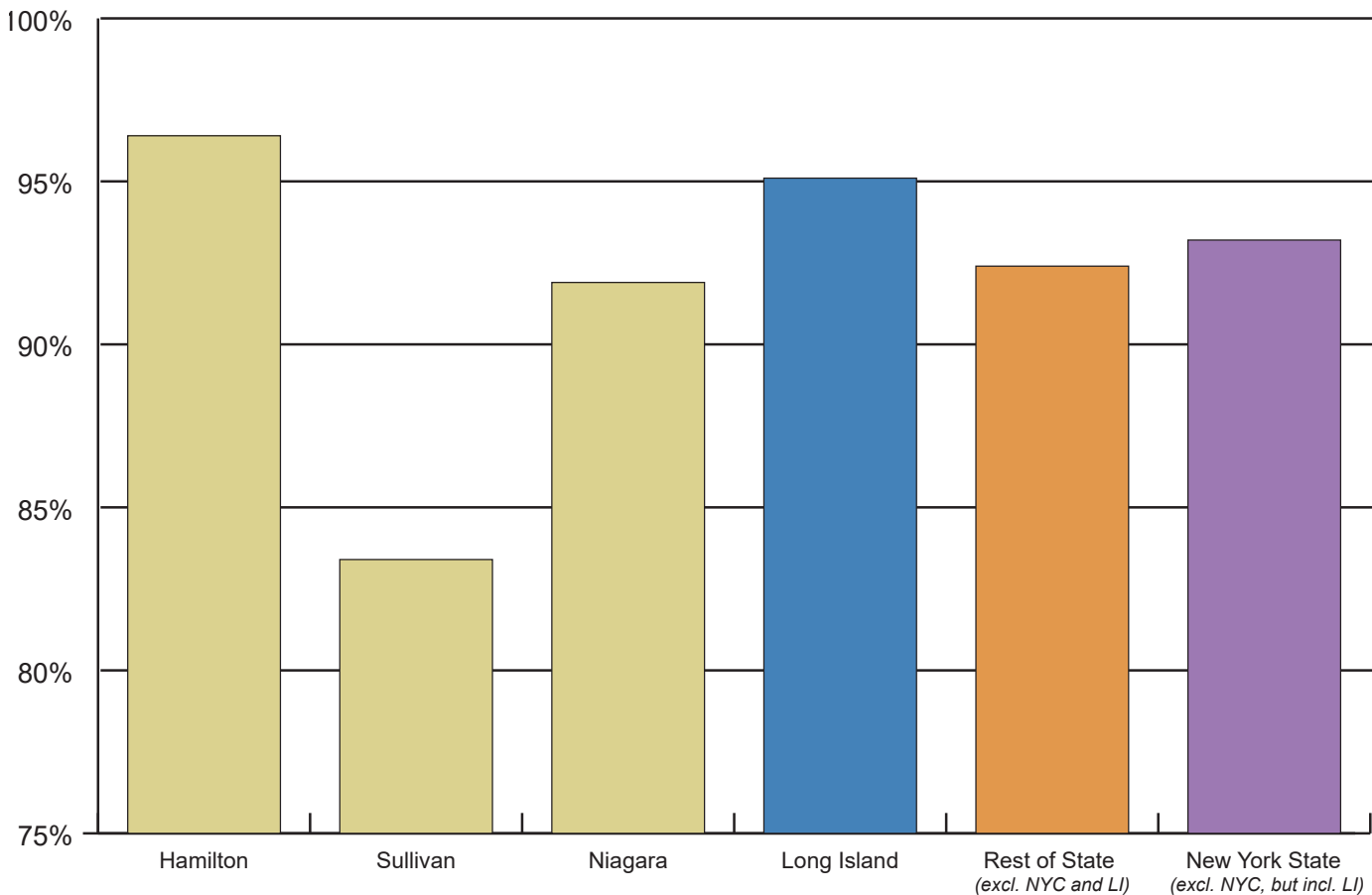
TABLE 7**Percentage of High School Graduates Earning a Regents Diploma**

Rank	County/Region	Number of Graduates	Earning Regents Diploma	
			N	%
1	Hamilton	28	27	96.4
56	Sullivan	633	528	83.4
Median 28	Niagara	1,982	1,822	91.9
3	Long Island	34,546	32,861	95.1
	Rest of State (excluding NYC and LI)	82,094	75,876	92.4
	New York State (excluding NYC, including LI)	116,640	108,737	93.2

Description: Percentage of 2018-19 high school graduates who satisfied the requirements established by New York State for award of a Regents-endorsed diploma, including those receiving an Advanced Designation. 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, 2018-19 School Report Card database. (2014 Total Cohort- 5 Year Outcome - August 2019), by county.

**Key Facts:**

1. Long Island ranks above the statewide median in the percentage of high school students graduating with a Regents Diploma.
2. Ten years ago (during the 2008-09 school year), an average of 90.5% of Long Island students graduated with a Regents Diploma. In 2018-19, the percentage increased by 4.6 percentage points (95.1%).

TABLE 7 (cont'd)

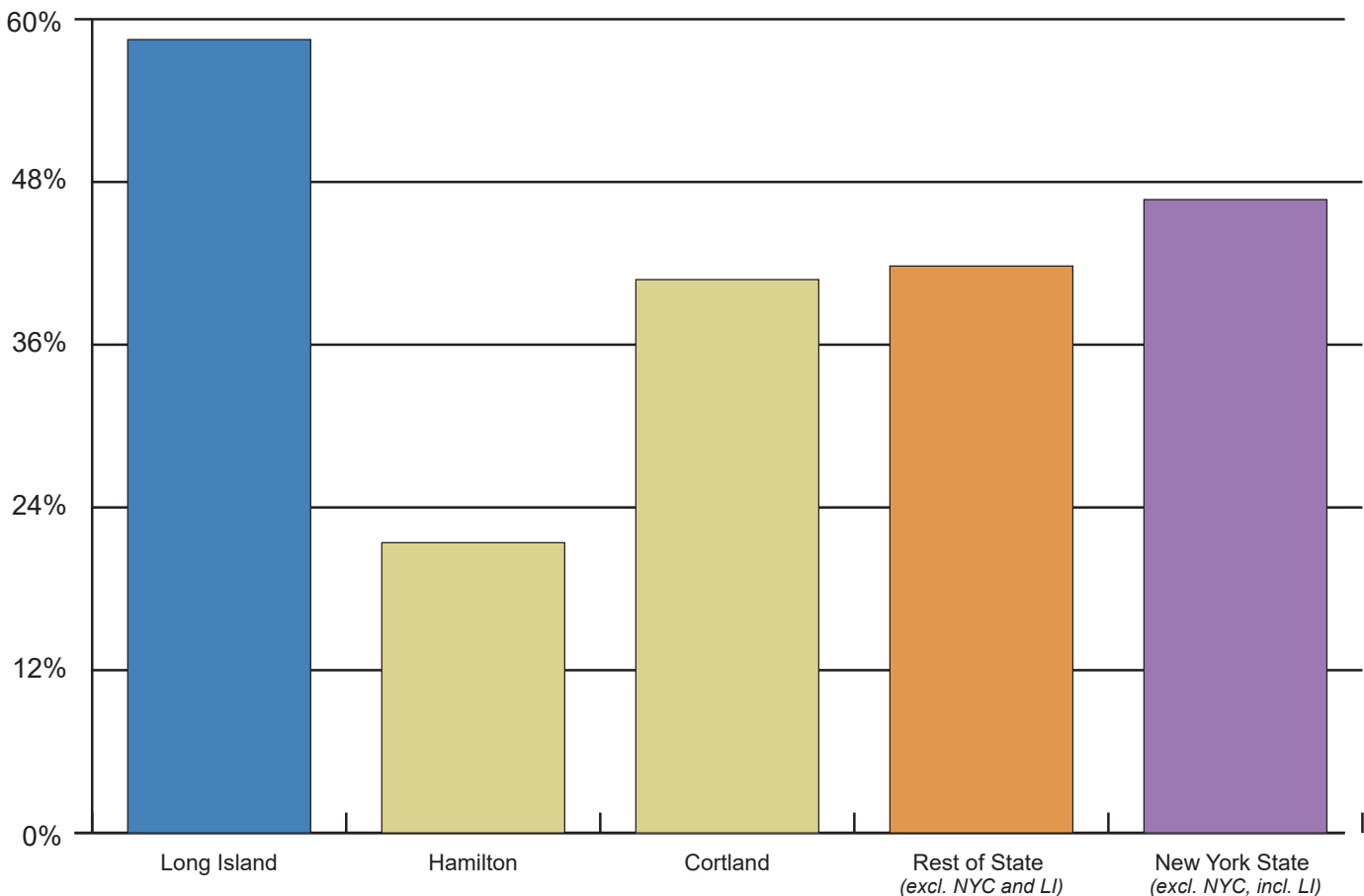
**Percentage of High School Graduates
Earning a Regents Diploma with Advanced Designation**

Rank	County/Region	Number of Graduates	Earning Regents Diploma with Advanced Designation	
			N	%
1	Long Island	34,546	20,222	58.5
56	Hamilton	28	6	21.4
Median 28	Cortland	431	176	40.8
	Rest of State (excluding NYC and LI)	82,094	34,289	41.8
	New York State (excluding NYC, including LI)	116,640	54,511	46.7

Description: Percentage of 2018-19 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, 2018-19 School Report Card database. (2014 Total Cohort- 5 Year Outcome- August 2019), by county.

**Key Facts:**

1. Long Island ranks the highest in the percentage of high school students graduating with a Regents Diploma with Advanced Designation.
2. Ten years ago (during the 2008-09 school year), an average of 52.9% of Long Island students graduated with a Regents Diploma with Advanced Designation. In 2018-19, the percentage increased by 5.6 percentage points (58.5%).

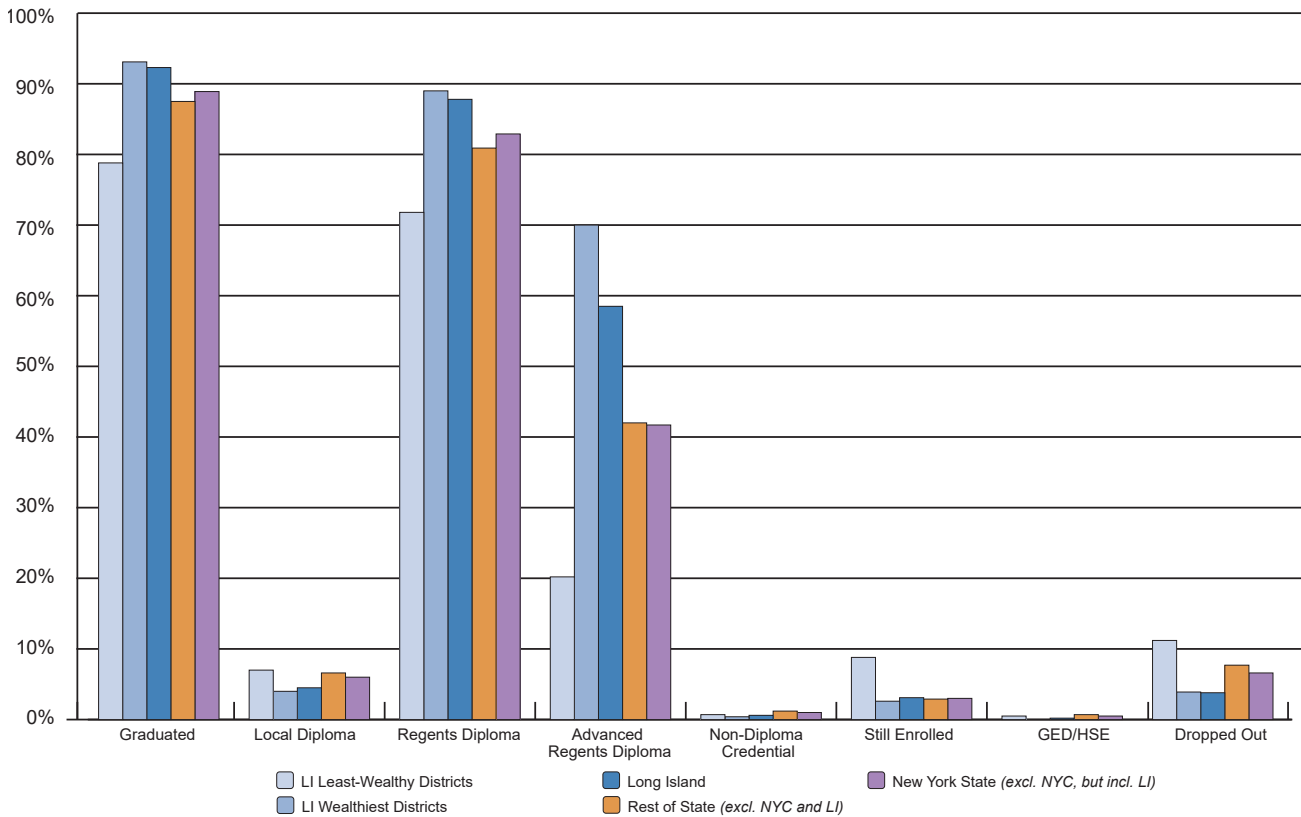
TABLE 8

Graduation Outcomes of Long Island’s Least-Wealthy and Wealthiest School Districts

Assessments	Long Island Least-Wealthy Districts (10 districts) Total Cohort= 5,785		Long Island Wealthiest Districts (10 districts) Total Cohort= 2,406		Long Island Total Cohort= 37,436		Rest of State (excluding NYC and LI) Total Cohort= 92,766		New York State (excluding NYC, including LI) Total Cohort= 130,202	
	N	%	N	%	N	%	N	%	N	%
Graduated	4,558	78.8	2,239	93.1	34,546	92.3	81,140	87.5	115,686	88.9
Local Diploma	405	7.0	97	4.0	1,685	4.5	6,120	6.6	7,805	6.0
Regents Diploma	4,153	71.8	2,142	89.0	32,861	87.8	75,020	80.9	107,881	82.9
Advanced Regents Diploma	1,170	20.2	1,568	65.2	20,222	54.0	34,112	42.0	54,334	41.7
Non-Diploma Credential	40	0.7	9	0.4	207	0.6	1,076	1.2	1,283	1.0
Still Enrolled	510	8.8	63	2.6	1,157	3.1	2,733	2.9	3,890	3.0
GED/HSE	24	0.5	0	0.0	64	0.2	605	0.7	669	0.5
Dropped Out	649	11.2	93	3.9	1,441	3.8	7,115	7.7	8,556	6.6

Description: The number (N) and percentage of students who graduated in 2018-19, the type of diploma earned, or if still enrolled or dropped out. The least-wealthy school districts are those that service 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that service 1000+ students and also have the highest CWRs in the region.

Source: New York State Education Department, 2018-19 School Report Card database. (2014 Total Cohort- 5 Year Outcome- August 2019), by district.



Key Facts:

1. The graduation rate of students in Long Island’s least-wealthy districts (78.8%) is 14.3 percentage points lower than students in Long Island’s wealthiest districts (93.1%), 13.5 percentage points lower than students in Long Island as a whole (92.3%), and 10.1 percentage points lower than students in New York State (88.9%).
2. The percentage of students in Long Island’s wealthiest districts earning a Regents Diploma (89.0%), as well as those earning a Regents Diploma with Advanced Designation (65.2%), is higher than students in Long Island as a whole, earning a Regents Diploma and Regents Diploma with Advanced Designation (87.8%, 54.0% respectively) and in New York State (82.9%, 41.7%, respectively).
3. The percentage of students in Long Island’s least-wealthy districts who were reported as dropping out (11.2%) is 7.4 percentage points higher than the students who were reported as dropping out in Long Island as a whole (3.8%) and 4.6 percentage points higher than New York State (6.6%).

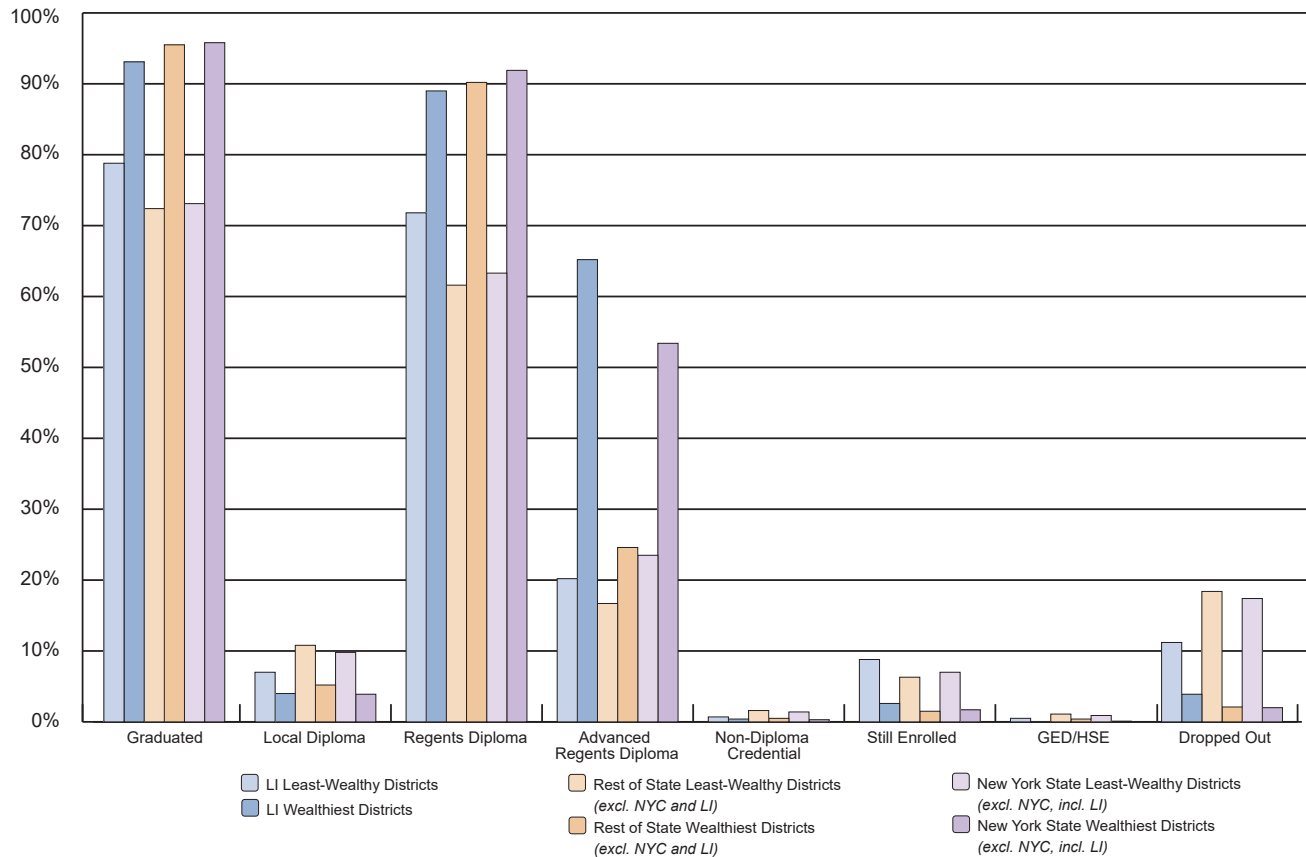
TABLE 9

Graduation Outcomes of New York’s Least-Wealthy and Wealthiest School Districts

	Long Island Least-Wealthy Districts* (10 districts) Total Cohort= 5,785		Long Island Wealthiest Districts (10 districts) Total Cohort= 2,406		Rest of State (excl. LI & NYC) Least-Wealthy Districts** (31 districts) Total Cohort= 12,598		Rest of State (excl. LI & NYC) Wealthiest Districts (31 districts) Total Cohort= 6,366		New York State (excl. NYC, incl. LI) Least-Wealthy Districts*** (41 districts) Total Cohort= 16,320		New York State (excl. NYC, incl. LI) Wealthiest Districts (41 districts) Total Cohort= 10,239	
	N	%	N	%	N	%	N	%	N	%	N	%
Graduated	4,558	78.8	2,239	93.1	9,127	72.4	6,077	95.5	11,935	73.1	9,807	95.8
Local Diploma	405	7.0	97	4.0	1,366	10.8	334	5.2	1,598	9.8	398	3.9
Regents Diploma	4,153	71.8	2,142	89.0	7,761	61.6	5,743	90.2	10,337	63.3	9,409	91.9
Advanced Regents Diploma	1,170	20.2	1,568	65.2	2,108	16.7	1,569	24.6	2,806	23.5	5,238	53.4
Non-Diploma Credential	40	0.7	9	0.4	199	1.6	33	0.5	233	1.4	33	0.3
Still Enrolled	510	8.8	63	2.6	798	6.3	95	1.5	1,143	7.0	179	1.7
GED/HSE	24	0.5	0	0.0	136	1.1	24	0.4	151	0.9	10	0.1
Dropped Out	649	11.2	93	3.9	2,320	18.4	135	2.1	2,837	17.4	207	2.0

Description: The number (N) and percentage of students who graduated in 2018-19, the type of diploma earned, or if still enrolled or dropped out. The least-wealthy school districts are those that service 1000+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that service 1000+ students and also have the highest CWRs in the region.

Source: New York State Education Department, 2018-19 School Report Card database. (2014 Total Cohort- 5 Year Outcome- August 2019), by district.



Key Facts:

1. The graduation rate of students in Long Island’s least-wealthy districts (78.8%) is higher than the graduation rate of the least-wealthy districts in New York State (73.1%).
2. The percentage of students in Long Island’s least-wealthy districts earning a Regents Diploma (71.8%) is 8.5 percentage points higher than the students earning a Regents Diploma in the least-wealthy districts in New York State (63.3%).
3. The percentage of students in Long Island’s wealthiest districts earning a Regents Diploma with Advanced Designation (65.2%) is 11.8 percentage points higher than the students in the wealthiest districts in New York State (53.4%).
4. The percentage of students in Long Island’s least-wealthy districts who were reported as dropping out (11.2%) is 6.2 percentage points lower than the students who were reported as dropping out in the least wealthy districts in New York State (17.4%).

TABLE 10

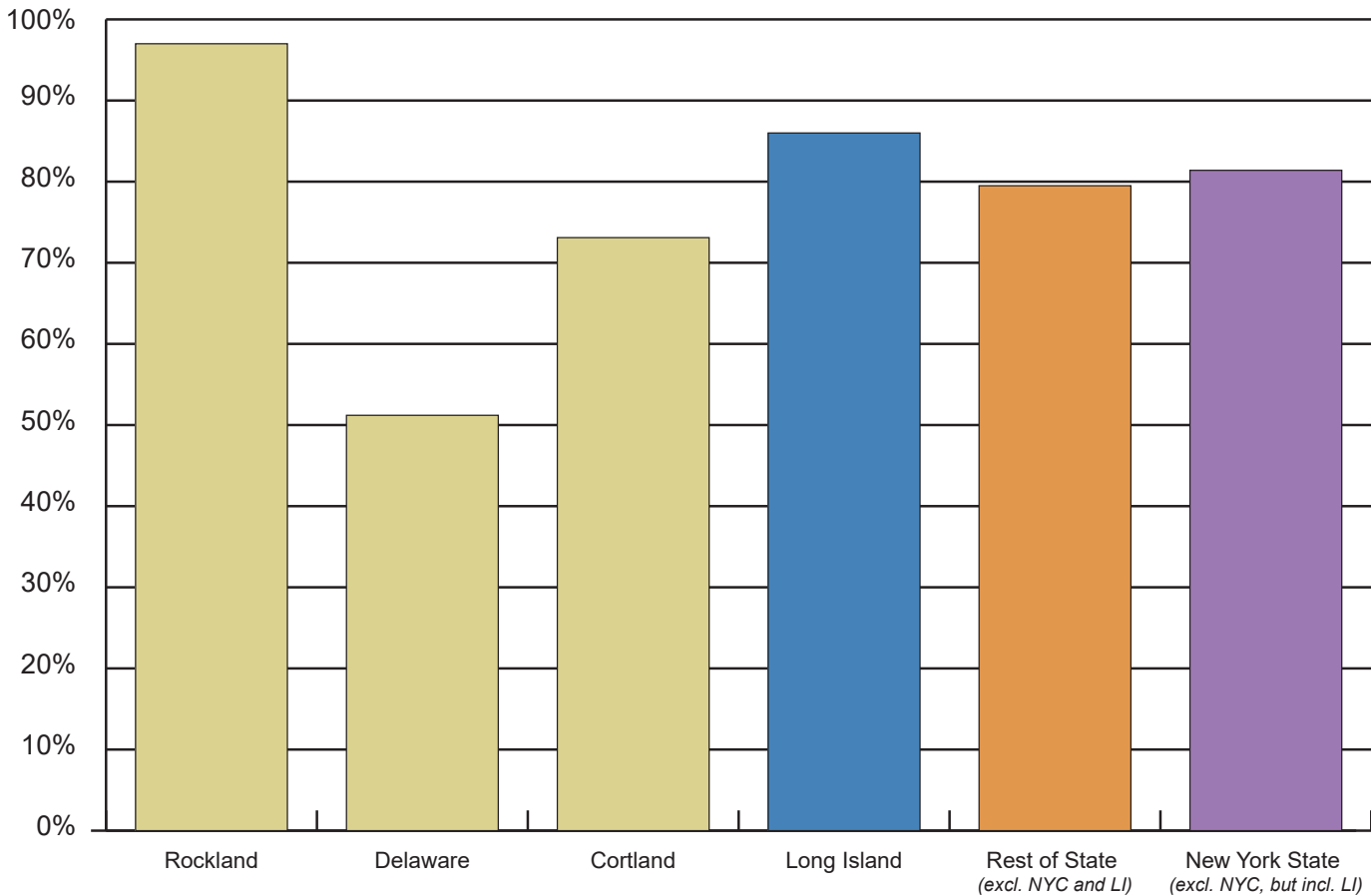
Percentage of High School Graduates Entering Post-Secondary Education

Rank	County/Region	Number of Graduates	Entering Post-Secondary Education	
			N	%
1	Rockland	2,984	2,894	97.0
56	Delaware	410	210	51.2
Median 28	Cortland	431	315	73.1
4	Long Island	34,546	29,697	86.0
	Rest of State (excluding NYC and LI)	82,054	65,265	79.5
	New York State (excluding NYC, including LI)	116,600	94,962	81.4

Description: Percentage of 2018-19 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 Information and Reporting Services, Post Graduation Data, by county.



Key Fact:

1. The Long Island region ranks fourth in the percentage of graduates (86.0%) planning to enter post-secondary education.

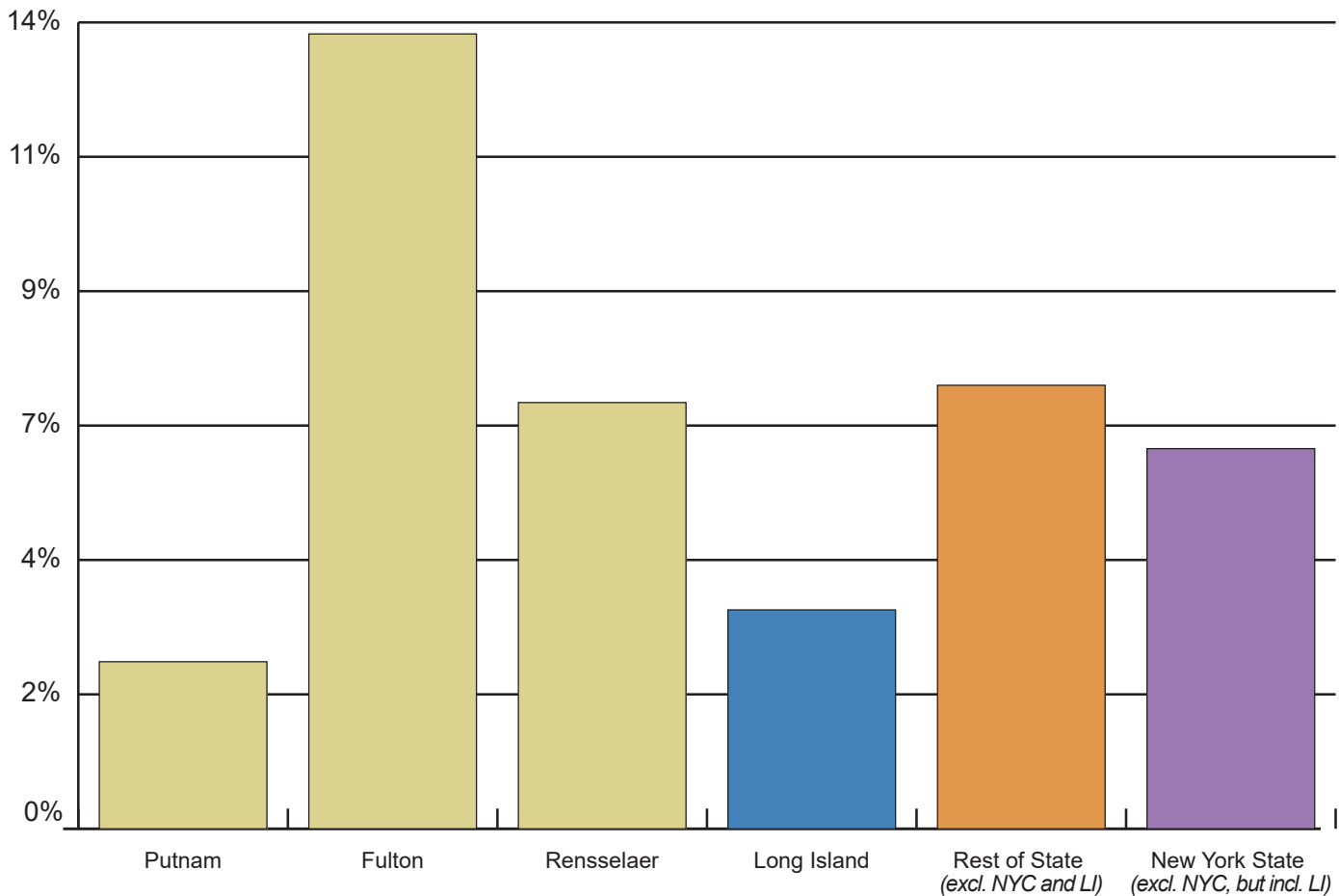
TABLE 11
Dropout Rate

Rank	County/Region	Total Cohort	% Dropout Rate
1	Putnam	1,275	2.9
56	Fulton	639	13.8
Median 28	Rensselaer	1,596	7.4
2	Long Island	37,439	3.8
	Rest of State (excluding NYC and LI)	93,846	7.7
	New York State (excluding NYC, including LI)	131,285	6.6

Description: Percentage of students who were recorded by their school districts as having left school in 2018-19 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, 2018-19 School Report Card database. (2014 Total Cohort - 5 Year Outcome - August 2019), by county.



Key Fact:

1. The percentage of Long Island students reported as dropping out of school (3.8%) is well below the statewide median (7.4%).

TABLE 12

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

	Long Island Least-Wealthy Districts (10 districts) Enrollment 70,973		Long Island Wealthiest Districts (10 districts) Total Enrollment 23,695		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
% English Language Learners	18,557	26.1	1,932	8.2	39,012	9.1	52,463	4.8	91,475	6.0
% Economically Disadvantaged	55,193	77.8	6,473	27.3	159,063	37.3	524,565	47.5	683,628	44.7
% Students with Disabilities	9,365	13.2	3,497	14.8	62,629	14.7	171,650	15.5	234,279	15.3
Graduated	Total Cohort 5,785		Total Cohort 2,406		Total Cohort 37,436		Total Cohort 93,846		Total Cohort 130,202	
	4,558	78.8	2,239	93.1	34,546	92.3	81,140	87.5	115,686	88.9
% Dropout Rate	649	11.2	93	3.9	1,441	3.8	7,115	7.7	8,556	6.6
% Students Graduating with Regents Diploma	4,153	71.8	2,142	89.0	32,861	87.8	75,020	80.9	107,881	82.9
% Students Graduating with Regents Diploma with Advanced Designation	1,170	20.2	1,568	65.2	20,222	54.0	34,112	42.0	54,334	41.7
% Graduates to Post-Secondary Education	3,811	83.6	2,001	89.4	29,697	86.0	65,265	79.5	94,962	81.4

Description: Least-wealthy districts are those Long Island K-12 school districts with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,000+. Wealthiest districts are those Long Island school districts with the highest CWRs and student enrollment at 1,000+. Graduation outcomes are a percentage of the total cohort (see Table 9).

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

Source: New York State Education Department, 2018-19 School Report Card database, (2014 Total Cohort- 5 Year Outcome- August 2019), by district.

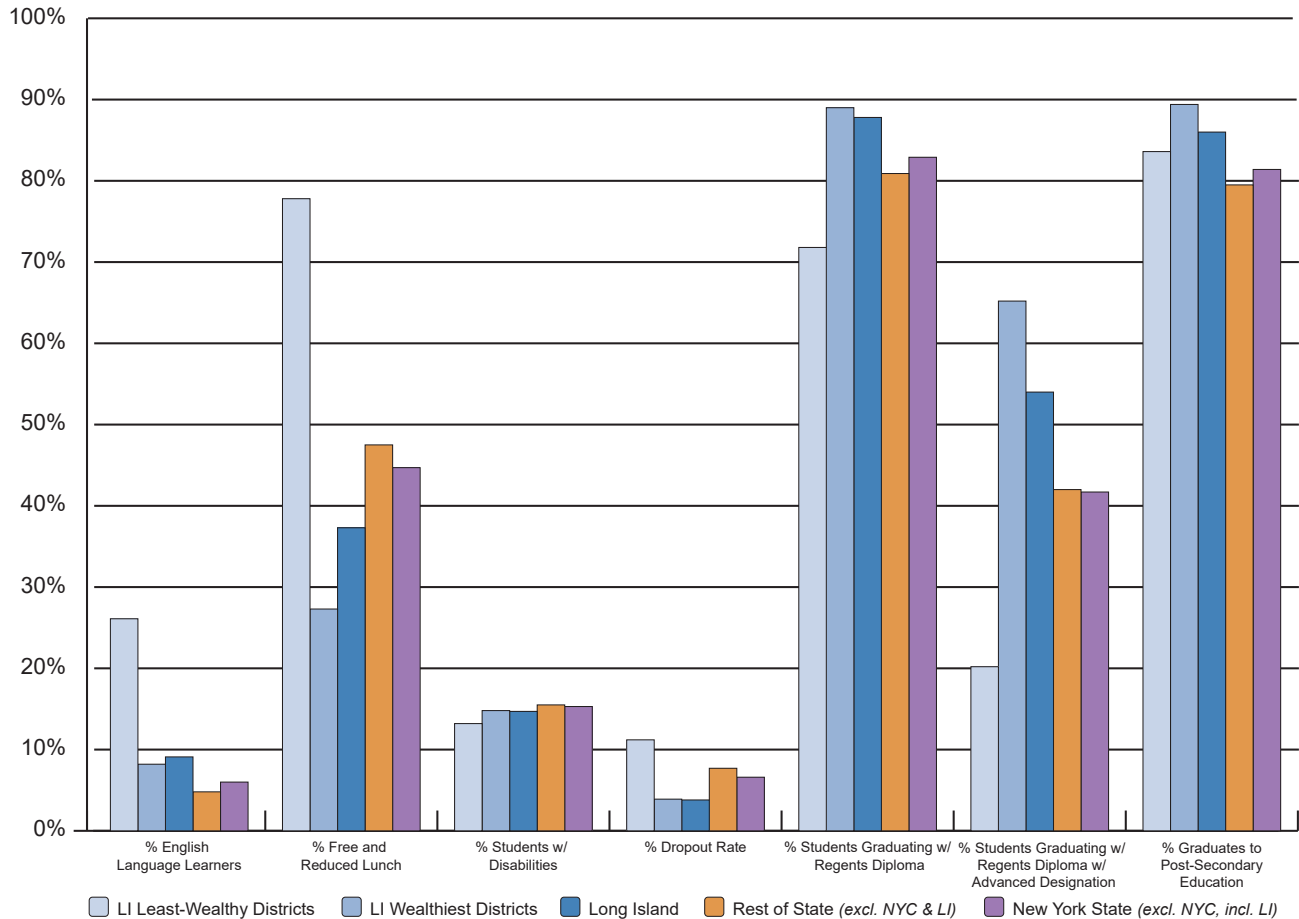


TABLE 12 (cont'd)

**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 serve a higher percentage of ELL students (26.1%) than Long Island as a whole (9.1%) and, as a group, serves the highest percentage of ELL students in the state, when New York City (6.0%) is excluded.
2. The dropout rate in the least-wealthy school districts (11.2%) on Long Island is 7.3 percentage points greater than that of the wealthiest districts (3.9%), and 4.6 percentage points greater than New York State (6.6%).
3. The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma (71.8%) is below the statewide median (91.9%, see Table 7) and also below Long Island's wealthiest school districts (89.0%).
4. The percentage of high school graduates in Long Island's least-wealthy school districts earning a Regents Diploma with Advanced Designation (20.2%) is below the statewide median (40.8%, see Table 7) and significantly below Long Island's wealthiest school districts (65.2%).
5. Long Island's percentage of graduates entering post-secondary education ranks fourth highest in the state (86.0%, see Table 10). However, for this same year, the percentage of students educated in Long Island's least-wealthy districts and planning to enter post-secondary education (83.6%) is above the statewide median (73.1%, see Table 10), but 5.8 percentage points below Long Island's wealthiest school districts (89.4%).

TABLE 13

Regional Cost Differences

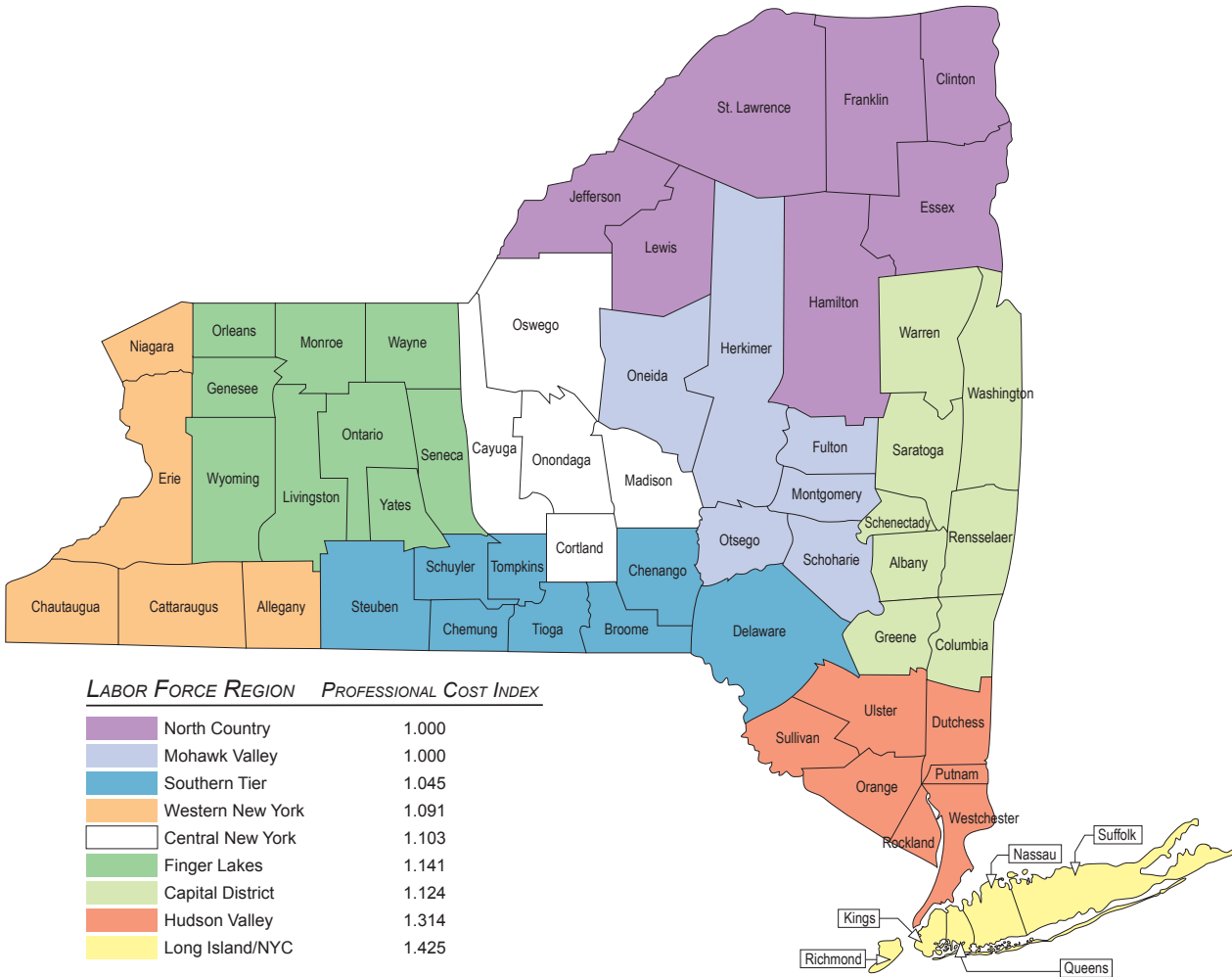
(Based on the Professional Cost Index for New York State Labor Force Regions)

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 Regional Cost Index (2019). The Regional Cost Index reflects the professional service costs throughout the nine labor force regions of the state. The Regional 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 Regional Cost Index derived from the New York State Education Department, Regional Cost Index (2019).

Source: New York State Education Department, Regional Cost Index (2019).



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 14
Comparative School Teacher Wage Data

Elementary School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$72,910	\$108,010	\$125,560
Long Island (adjusted)	\$51,165	\$75,796	\$88,112
Rest of State (excl. NYC & Long Island)	\$48,629	\$71,384	\$82,763
Rest of State (adjusted) (excl. NYC & Long Island)	\$44,082	\$64,450	\$74,636
New York State (excl. NYC, incl. Long Island)	\$51,327	\$75,453	\$87,518
New York State (adjusted) (excl. NYC, incl. Long Island)	\$44,869	\$65,711	\$76,133
Middle School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$76,650	\$108,380	\$124,250
Long Island (adjusted)	\$53,789	\$76,056	\$87,193
Rest of State (excl. NYC & Long Island)	\$51,071	\$74,413	\$86,085
Rest of State (adjusted) (excl. NYC & Long Island)	\$46,417	\$67,521	\$78,075
New York State (excl. NYC, incl. Long Island)	\$53,913	\$78,187	\$90,326
New York State (adjusted) (excl. NYC, incl. Long Island)	\$47,236	\$68,469	\$79,088
Secondary School Teachers' Wage Data			
Region	Entry *	Mean	Experienced **
Long Island	\$72,990	\$107,730	\$125,110
Long Island (adjusted)	\$51,221	\$75,600	\$87,796
Rest of State (excl. NYC & Long Island)	\$51,085	\$75,005	\$86,968
Rest of State (adjusted) (excl. NYC & Long Island)	\$46,266	\$67,622	\$78,302
New York State (excl. NYC, incl. Long Island)	\$53,519	\$78,641	\$91,206
New York State (adjusted) (excl. NYC, incl. Long Island)	\$46,816	\$68,508	\$79,357

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 2015, 2016, 2017, 2018 and then updated to the first quarter of 2019 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 2019.

Teacher Mean Wages

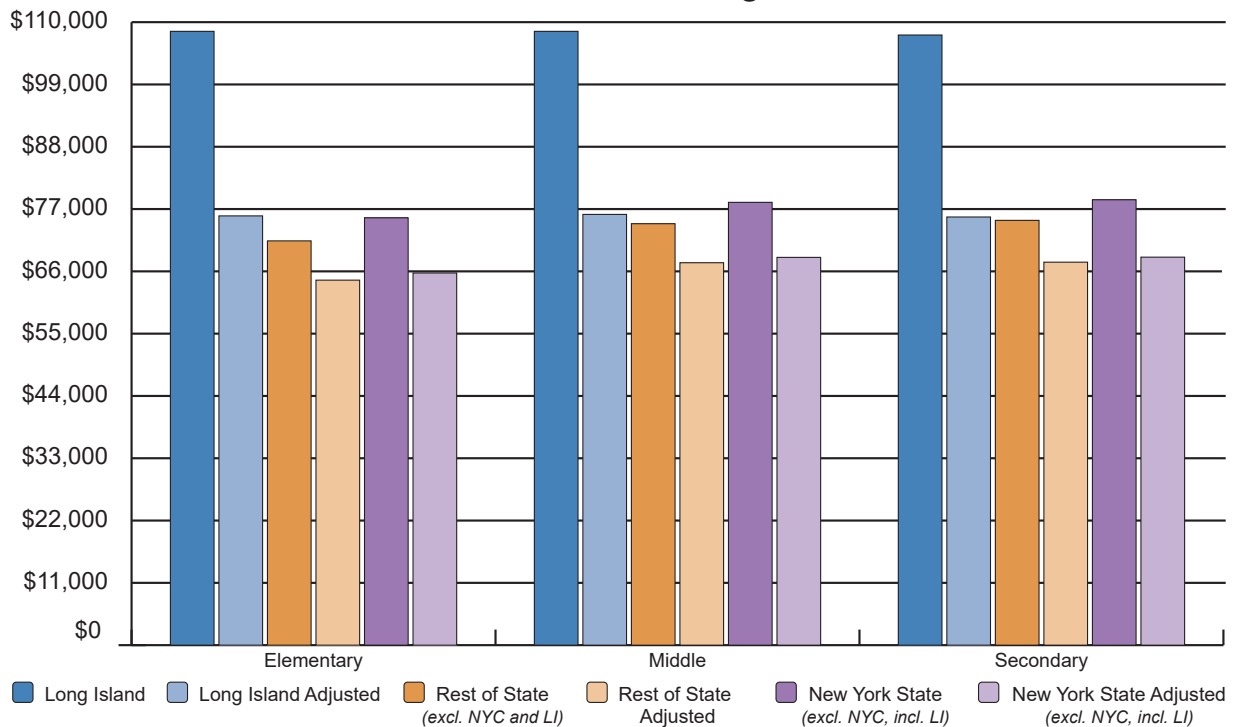


TABLE 15**Elementary, Middle, and Secondary School Teachers
Wage Data Compared to Other Long Island Occupations**

Title	Long Island	
	Employment Number	Mean (Average)
Lawyers	8,740	\$135,330
Pharmacists	2,640	\$130,820
Physician Assistants	2,470	\$124,670
Software Developers, Systems Software	2,020	\$119,180
Middle School Teachers, Except Special and Career/Technical Education	6,400	\$108,380
Elementary School Teachers, Except Special Education	13,420	\$108,010
Secondary School Teachers, Except Special and Career/Technical Education	14,310	\$107,730
Civil Engineers	2,170	\$104,070
Special Education Teachers, Middle School	1,800	\$103,410
Securities, Commodities, and Financial Services Sales Agents	4,330	\$103,310
Health Care Practitioners and Technical Occupations	90,470	\$101,880
Career/Technical Education Teachers, Secondary School	520	\$100,130
Police and Sheriff's Patrol Officers	5,370	\$99,010
Special Education Teachers, Secondary School	2,250	\$97,520
Registered Nurses	29,470	\$94,200
Special Education Teachers, Kindergarten and Elementary School	3,350	\$93,270
Physical Therapists	3,580	\$92,580
Accountants and Auditors	13,110	\$90,770
Plumbers, Pipefitters, and Steamfitters	5,390	\$89,900
Special Education Teachers, Preschool	990	\$86,970
Insurance Underwriters	1,280	\$78,870
Librarians	2,240	\$78,850
Human Resources Specialists	3,650	\$74,100
Electricians	6,950	\$72,420
Carpenters	10,670	\$68,150
Chefs and Head Cooks	2,590	\$63,460
Postal Service Mail Carriers	3,650	\$55,110
Graphic Designers	1,890	\$53,310
Teacher Assistants	21,600	\$32,030

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 2015, 2016, 2017, 2018, and then updated to the first quarter of 2019 by making cost-of-living adjustments.

Source: NYS Department of Labor, updated the first quarter of 2019.

Key Fact:

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

TABLE 16

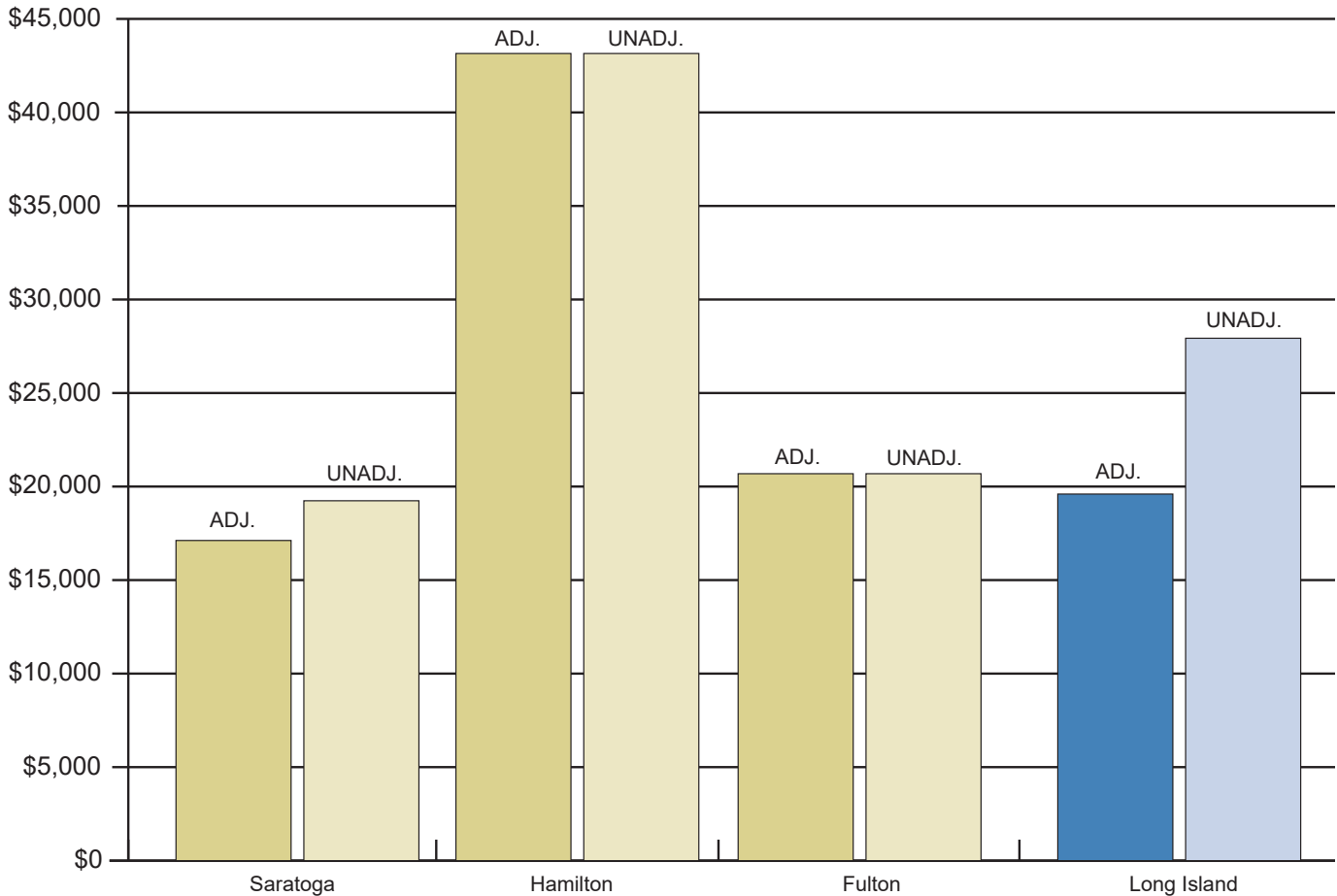
Regionally Adjusted Per Pupil Expenditures

Rank Adjusted	County/Region	2017-18 Enrollment	Per Pupil Expenditures Adjusted	Per Pupil Expenditures Unadjusted
1 (1 - unadj.)	Saratoga	33,194	\$17,117	\$19,240
56 (56 - unadj.)	Hamilton	393	\$43,150	\$43,150
Median 28 (9 - unadj.)	Fulton	7,301	\$20,687	\$20,687
16 (51 - unadj.)	Long Island	432,575	\$19,599	\$27,928

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 (2019).

Source: New York State Education Department, Fiscal Analysis Research Unit, 2017-18. New York State Education Department, 2017-18 School Report Card Database. New York State Education Department, Update to the Regional Cost Index (2019).



Key Facts:

1. Regionally adjusted per pupil expense by county in New York State ranged from a low of \$17,117 in Saratoga County, to a high of \$43,150 in Hamilton County.
2. Long Island's regionally adjusted per pupil expenditure (\$19,599) ranks 16th among the state's 56 counties/regions.
3. Long Island's regionally adjusted per pupil expense is 5.3% below the regionally adjusted pupil expenditure of the county at the statewide median.

TABLE 17

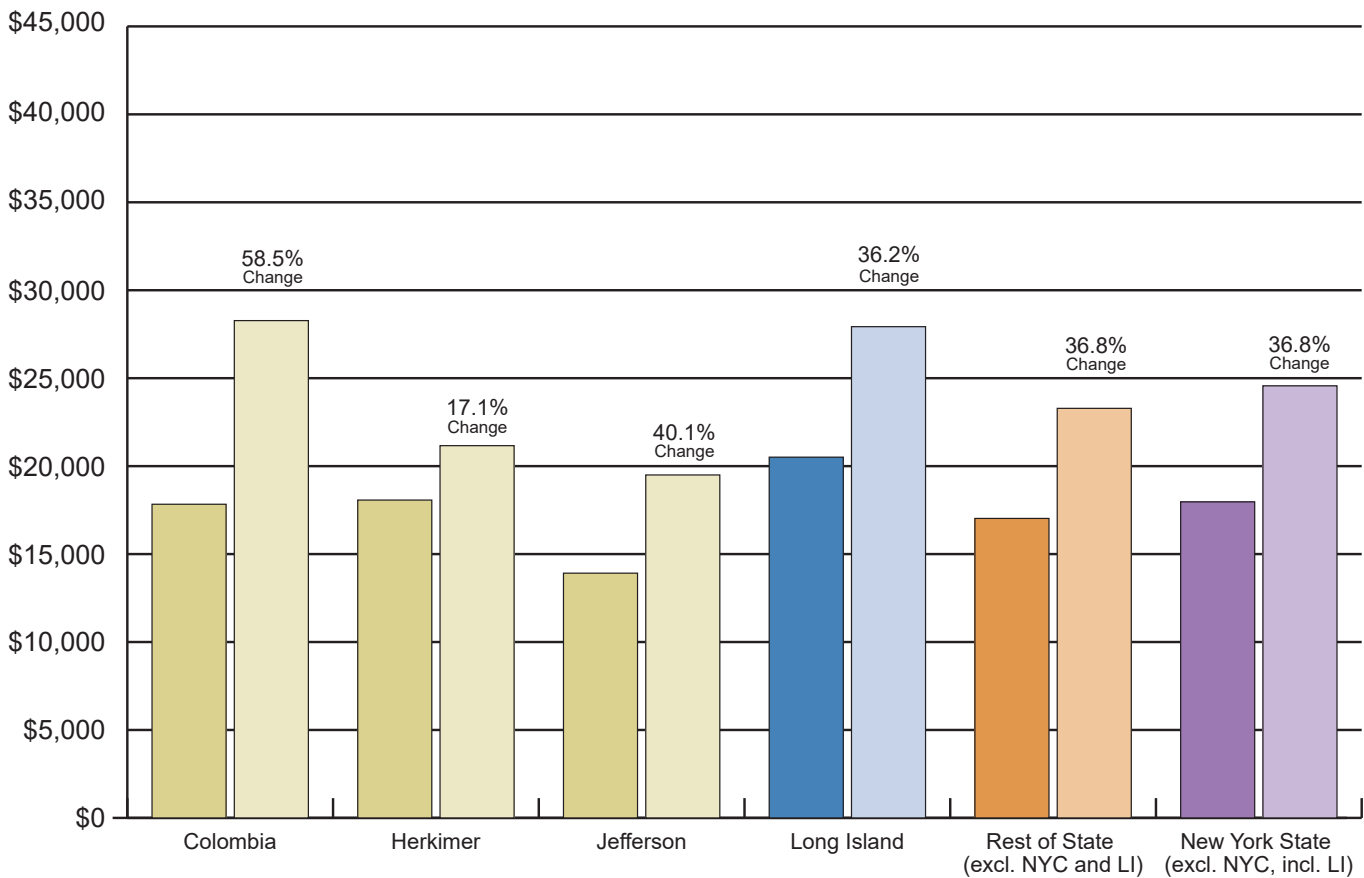
Percent Change in Per Pupil Expenditures 2007-08 to 2017-18

Rank	County/Region	Per Pupil Expenditures 2007-08	Per Pupil Expenditures 2017-18	% Change
1	Colombia	\$17,833	\$28,274	58.5
56	Herkimer	\$18,071	\$21,164	17.1
Median 28	Jefferson	\$13,915	\$19,498	40.1
40	Long Island	\$20,510	\$27,928	36.2
	Rest of State (excluding NYC and LI)	\$17,027	\$23,285	36.8
	New York State (excluding NYC, including LI)	\$17,967	\$24,585	36.8

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 2007-08 to 2017-18.

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, 2007-08, 2017-18.



Key Facts:

1. Long Island is 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 3.62 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 is 4.01 percentage points.
3. Colombia, the county showing the highest percentage increase in per pupil expenditures during this 10-year period, averaged an increase of 5.85 percentage points annually.

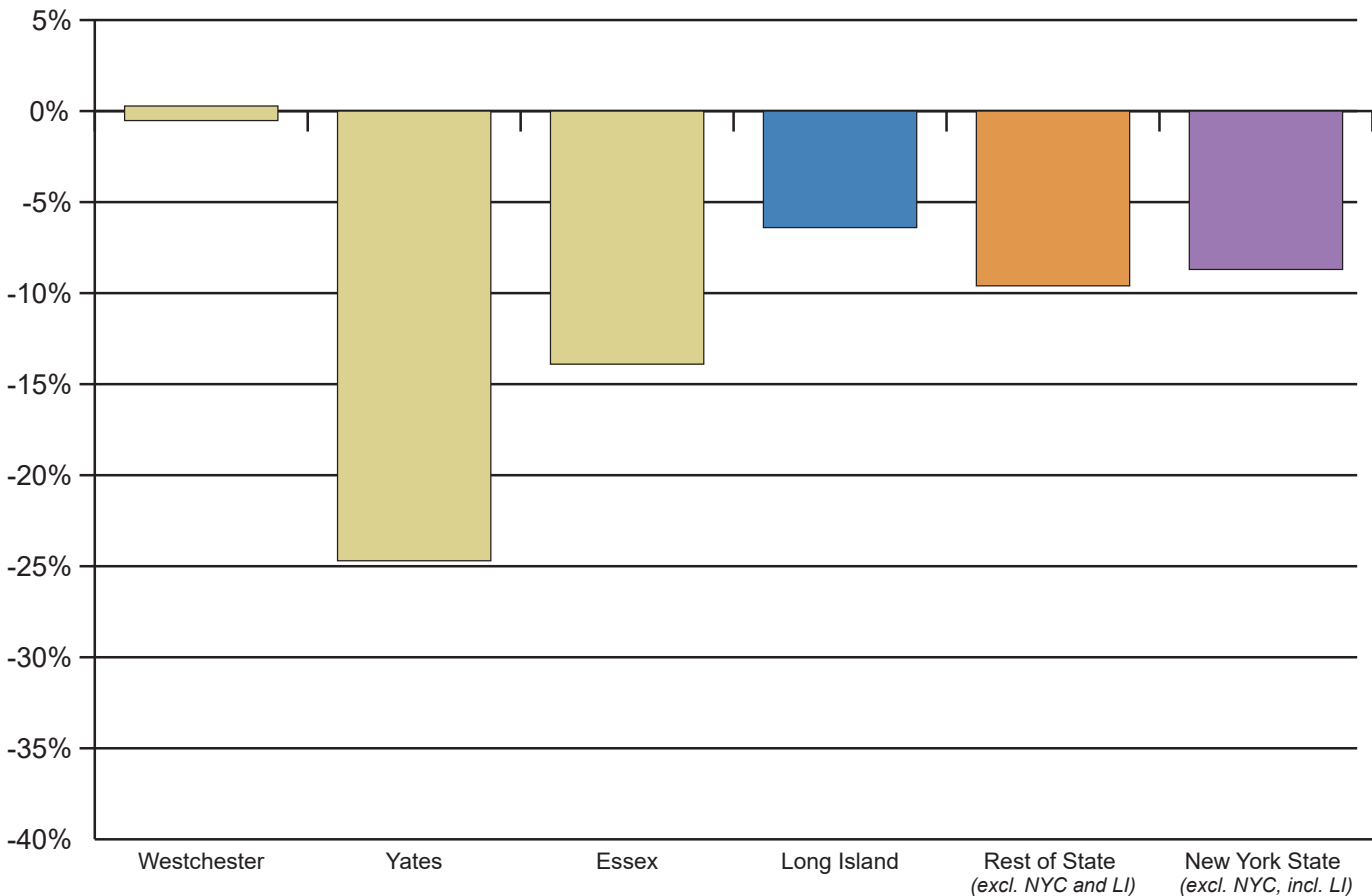
TABLE 18**Percent Change in Student Enrollment 2008-09 to 2018-19**

Rank	County/Region	Enrollment 2008-09	Enrollment 2018-19	% Change
1	Westchester	146,233	145,092	-0.8
56	Yates	2,608	1,964	-24.7
Median 28	Essex	4,094	3,526	-13.9
6	Long Island	459,420	429,846	-6.4
	Rest of State (excluding NYC and LI)	1,248,265	1,128,801	-9.6
	New York State (excluding NYC, including LI)	1,707,685	1,558,647	-8.7

Description: Percent change in student enrollment for the years 2008-09 to 2018-19.

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, 2008-09 and 2018-19 School Report Card database.

**Key Facts:**

1. Long Island ranks sixth in percentage change in enrollment compared to the other 55 counties in the state over the past decade (2008-09 to 2018-19).
2. Long Island continues to experience a decline in student enrollment. However, student enrollment declines in 50 other counties (89%) outpace the decline on Long Island.
3. With a student enrollment of 429,846, Long Island educates 17.3% of the state's total 2018-19 student enrollment, when NYC is included.

TABLE 19

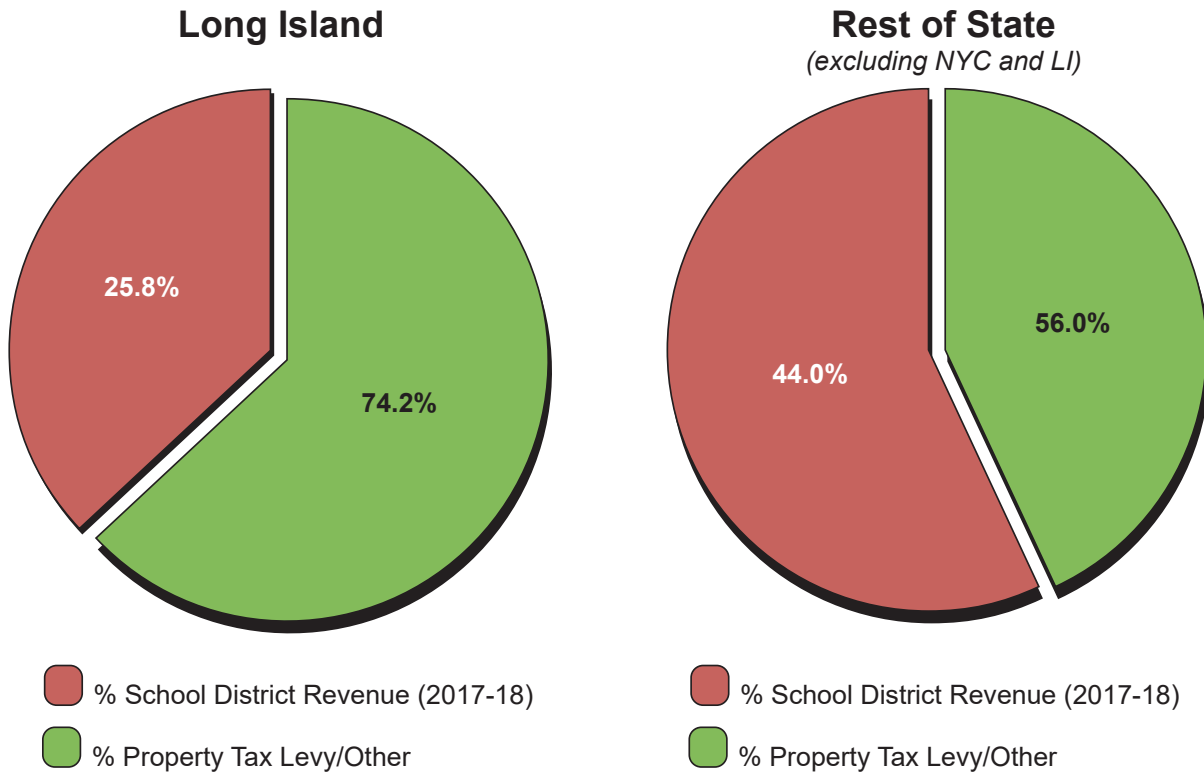
State Aid as a Percentage of School District Revenues

Rank	County/Region	Enrollment (2017-18)	% School District Revenue (2017-18)	% Property Tax Levy/Other
1	Allegany	6,106	70.2	29.8
56	Hamilton	393	17.0	83.0
Median 28	Otsego	6,642	54.0	46.0
52	Long Island	432,575	25.8	74.2
	Rest of State (excluding NYC and LI)	1,111,235	44.0	56.0
	New York State (excluding NYC, including LI)	1,544,810	38.3	61.7

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 2017-18. New York State Education Department 2017-18 School Report Card database.



Key Fact:

1. The state share of school district revenues on Long Island (25.8%) continues to be among the five lowest in the state, along with Putnam (22.7%), Rockland (22.6%), Westchester (20.0%), and Hamilton (17.0%) counties.

TABLE 20

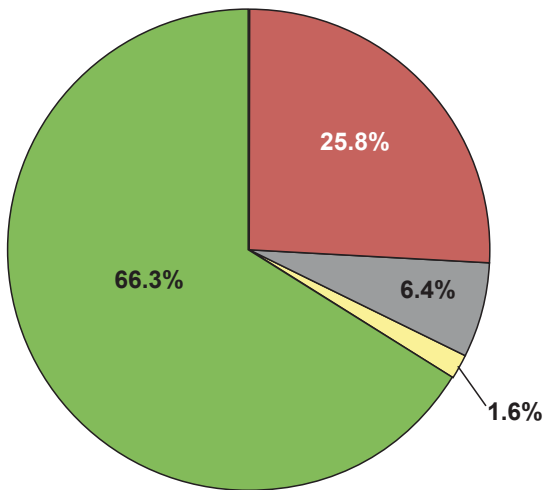
School District Revenues and STAR Subsidies

	State Aid Receipts	STAR Subsidy Receipts	Total Receipts from State	Federal Aid Receipts	Property Tax Levy & Other Revenue	Total Revenue
Long Island	\$3,234,231,849	\$798,438,243	\$4,032,670,092	\$195,324,798	\$8,325,170,984	\$12,553,165,874
% of Total Revenue	25.8%	6.4%	32.1%	1.6%	66.3%	
New York City	\$10,398,478,992	\$188,744,276	\$10,587,223,268	\$958,133,176	\$19,584,190,566	\$31,129,547,010
% of Total Revenue	33.4%	0.6%	34.0%	3.1%	62.9%	
New York State (including NYC and LI)	\$25,963,950,242	\$2,526,079,722	\$28,490,029,964	\$2,121,348,308	\$41,127,733,457	\$71,739,111,729
% of Total Revenue	36.2%	3.5%	39.7%	3.0%	57.3%	
Rest of State (excluding NYC and LI)	\$12,331,239,401	\$1,538,897,203	\$13,870,136,604	\$967,890,334	\$13,218,371,907	\$28,056,398,845
% of Total Revenue	44.0%	5.5%	49.4%	3.4%	47.1%	
New York State (excluding NYC, but including LI)	\$15,565,471,250	\$2,337,335,446	\$17,902,806,696	\$1,163,215,132	\$21,543,542,891	\$40,609,564,719
% of Total Revenue	38.3%	5.8%	44.1%	2.9%	53.1%	

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.

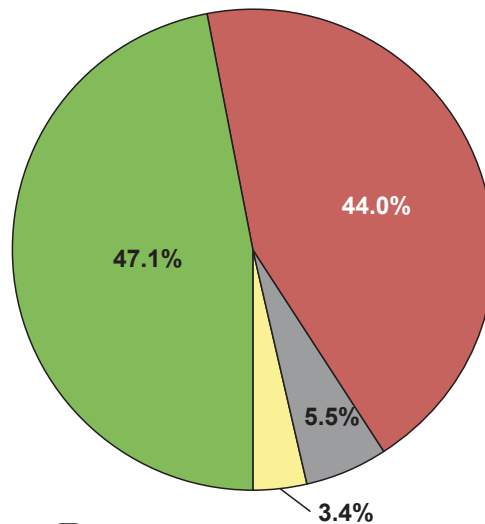
Source: New York State Education Department Fiscal Analysis and Research Unit, 2017-18.

Long Island



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

Rest of State (excluding NYC and LI)



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

TABLE 20 *(cont'd)*
School District Revenues and STAR Subsidies

Key Facts:

1. The state aid share of funding on Long Island is 25.8% (excluding STAR). State aid, however, funds 44.0% of school revenues in the rest of the state (excluding STAR). When STAR is included, the shares are 32.1% and 49.4% respectively.
2. When New York City is included, the share of state aid directed to Long Island (12.5%) is less than the percentage of the state's students being educated on Long Island (17.3%).
3. Property tax levy and other revenue provide 66.3% of school district revenues to Long Island compared to 47.1% in the rest of the state.

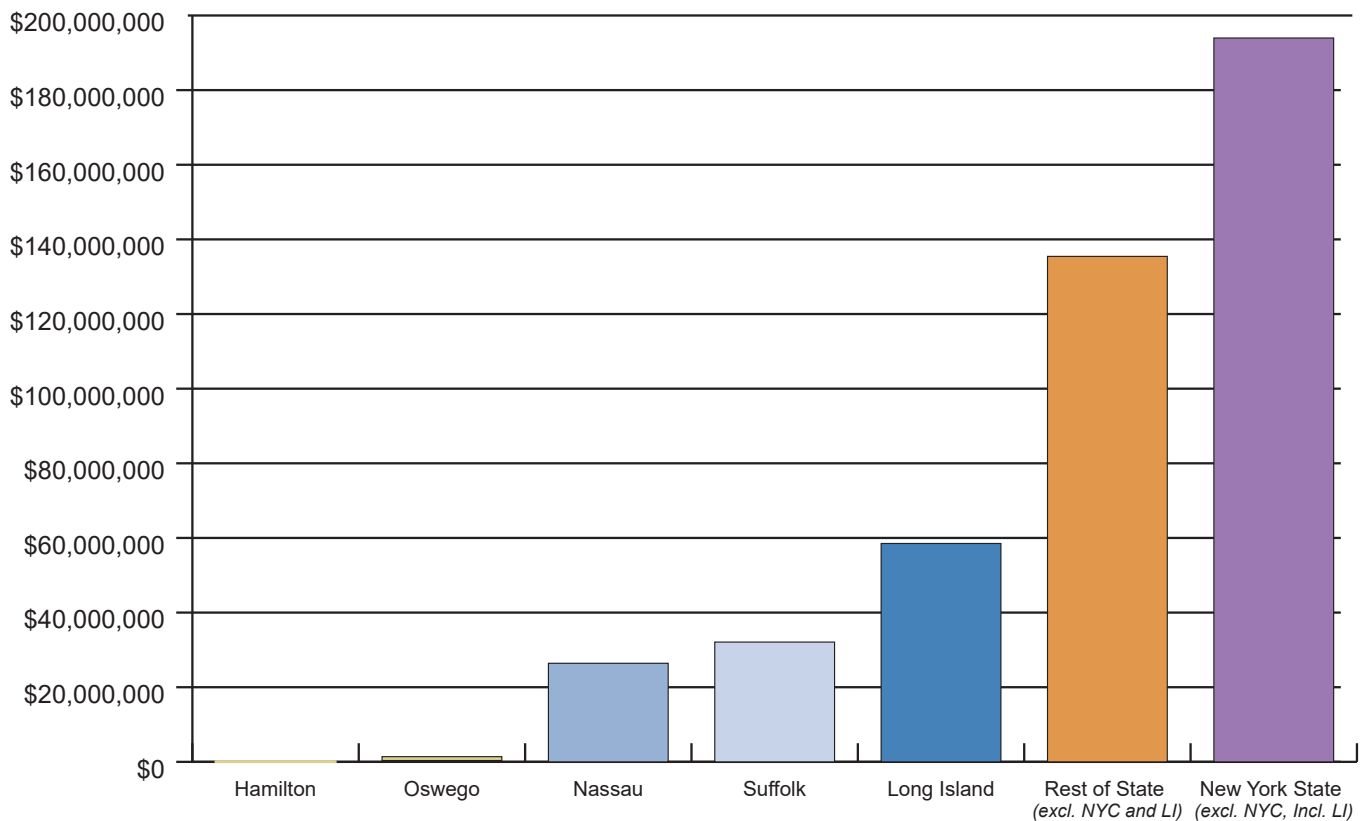
TABLE 21
Annual Taxable Sales and Purchases

Rank	County/Region	Annual Taxable Sales (reported in thousands)
1	Hamilton	\$87,957
56	Long Island	\$58,515,530
Median 28	Oswego	\$1,032,577
	Nassau	\$26,417,157
	Suffolk	\$32,098,373
	Rest of State (excluding NYC and LI)	\$135,448,117
	New York State (excluding NYC, including LI)	\$193,963,647

Description: Total annual sales and purchases for the year between December 2016 and February 2017 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 December 2016-February 2017. United States Census Bureau 2020.



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 are 26 and 31 times more than the median county in the state.
3. Long Island accounts for 30.2% of the annual taxable sales in the state (excluding New York City).
4. Long Island's annual sales and purchases generate over \$2.3 billion in state revenues.

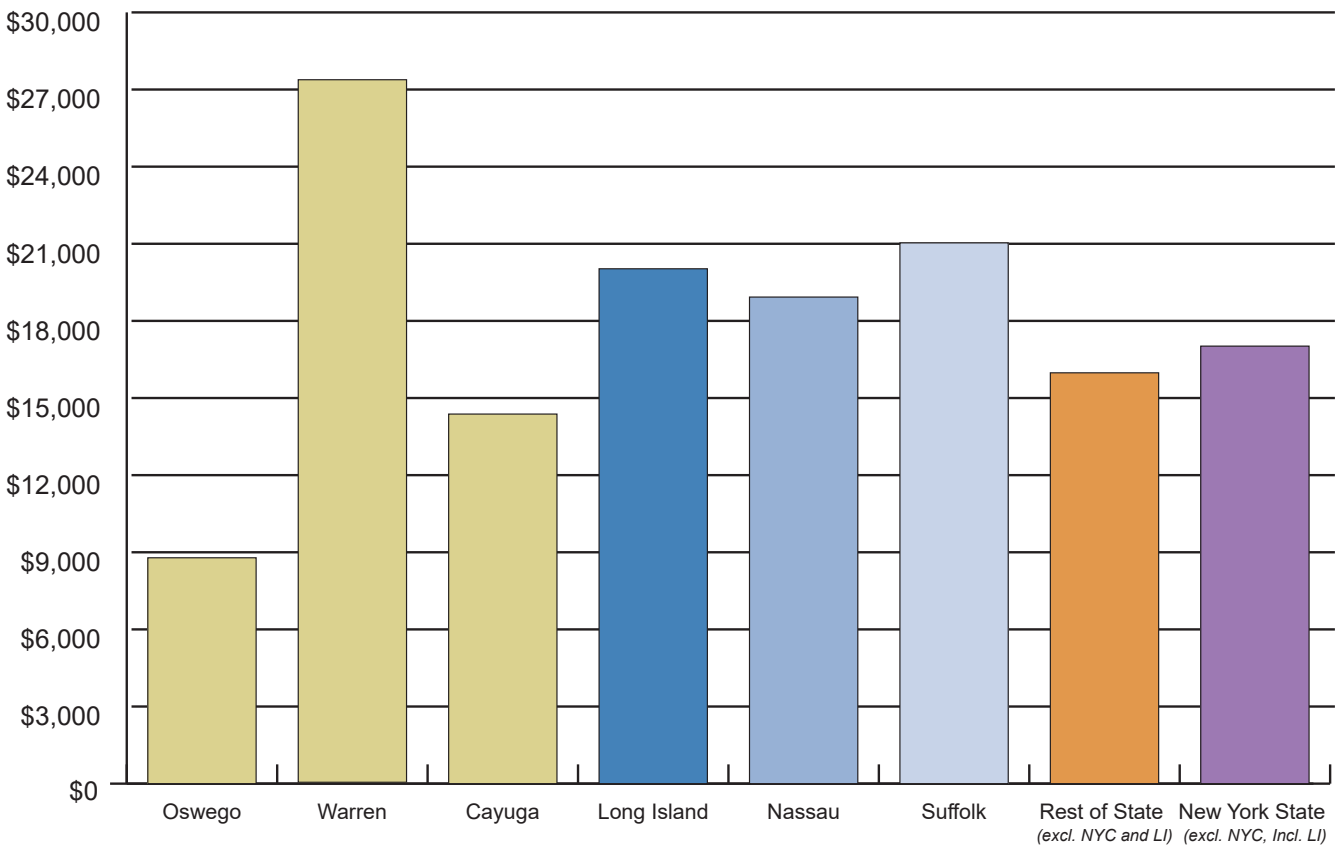
TABLE 21a
Annual Taxable Sales and Purchases

Rank	County/Region	Population	Annual Taxable Sales Per Capita
1	Oswego	117,525	\$8,786
56	Warren	65,737	\$27,327
Median 28	Cayuga	76,248	\$14,376
53	Long Island	2,921,694	\$20,028
	Nassau	1,395,774	\$18,927
	Suffolk	1,525,920	\$21,035
	Rest of State (excluding NYC and LI)	8,475,365	\$15,981
	New York State (excluding NYC, including LI)	11,397,059	\$17,019

Description: Total annual sales and purchases for the year between December 2016 and February 2017 on Long Island, per capita, 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 December 2016-February 2017. United States Census Bureau 2020.



Key Facts:

1. Long Island ranks as the fourth highest region in the state in annual taxable sales and purchases per capita (excluding New York City). In order from highest, they are Warren (\$27,327), Albany (\$20,456), Ontario (\$20,134), and Long Island (\$20,028).

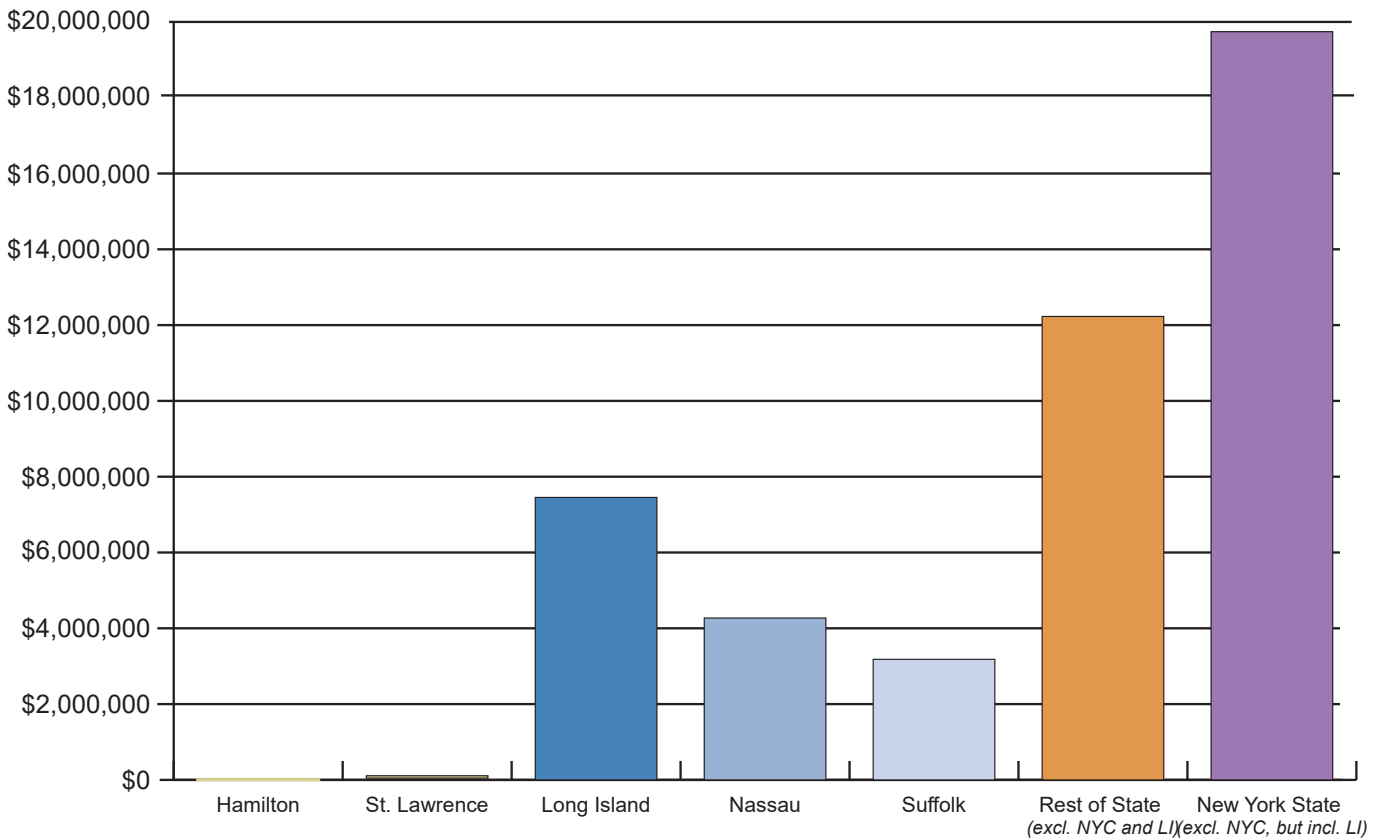
TABLE 22**Total State Income Tax Paid by Full Year Residents**

Rank	County/Region	Tax Paid (reported in thousands)
1	Hamilton	\$4,435
56	Long Island	\$7,453,111
Median 28	St. Lawrence	\$60,926
	Nassau	\$4,271,516
	Suffolk	\$3,181,595
	Rest of State (excluding NYC and LI)	\$12,228,663
	New York State (excluding NYC, including LI)	\$19,741,775

Description: Total state income tax paid by full-year residents (tax year 2017) 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 (2020). Total Income and Tax Liability of Full-Year Residents, Tax Liability of Taxable Returns 2017.

**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 (\$4,387,320), Nassau (\$4,271,516), and Suffolk (\$3,181,595).
2. Nassau County and Suffolk County's state income tax liabilities are 70 and 52 times more than the median for all counties outside of New York City, respectively.
3. Long Island accounts for 37.8% (\$7.4 billion) of state income tax paid by residents of the state outside of New York City.

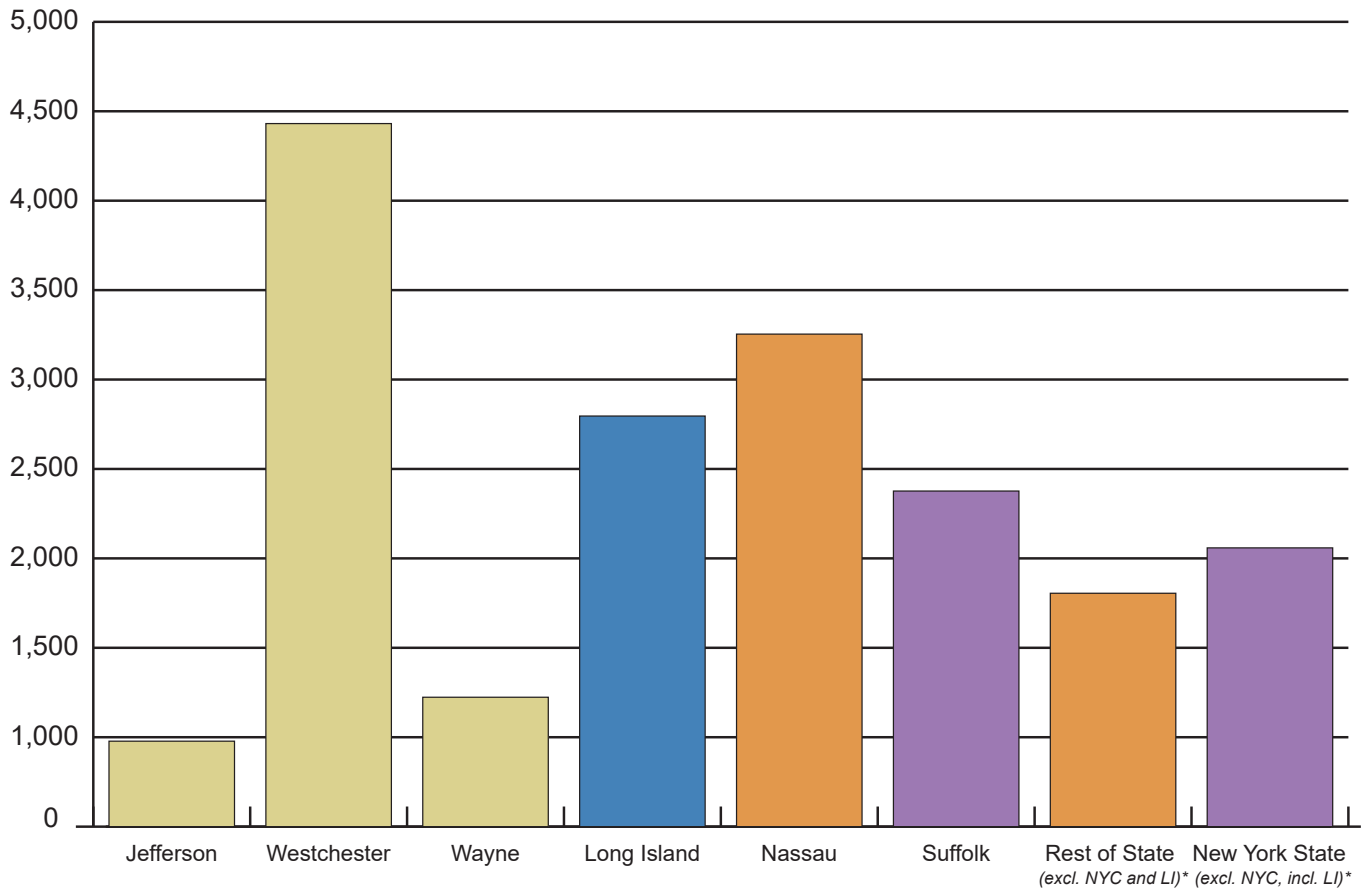
TABLE 22a**Total State Income Tax Paid by Full Year Residents Per Capita**

Rank	County/Region	Population	Tax Paid Per Capita
1	Jefferson	116,721	\$531
56	Westchester	1,004,457	\$4,368
Median 28	Wayne	91,283	\$804
55	Long Island	2,921,694	\$2,551
	Nassau	1,395,774	\$3,060
	Suffolk	1,525,920	\$2,085
	Rest of State (excluding NYC and LI)	8,475,365	\$1,450
	New York State (excluding NYC, including LI)	11,397,059	\$1,732

Description: Total state income tax paid by full-year residents (tax year 2017) on Long Island, per capita, compared to the others 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 total state income tax paid by full-year residents, per capita, from lowest (1) to highest (56).

Sources: New York State Department of Taxation and Finance (2020). Total Income and Tax Liability of Full-Year Residents, Tax Liability of Taxable Returns 2017. United States Census Bureau 2020.

**Key Facts:**

1. Long Island ranks as the second highest region in the state in the total state income tax paid by full-year residents per capita (excluding New York City).
2. Nassau and Suffolk Counties are among the three counties with the highest state income tax paid per capita in New York State (excluding New York City). In order from highest, they are Westchester (\$4,368), Nassau (\$3,060), and Suffolk (\$2,085).

TABLE 23

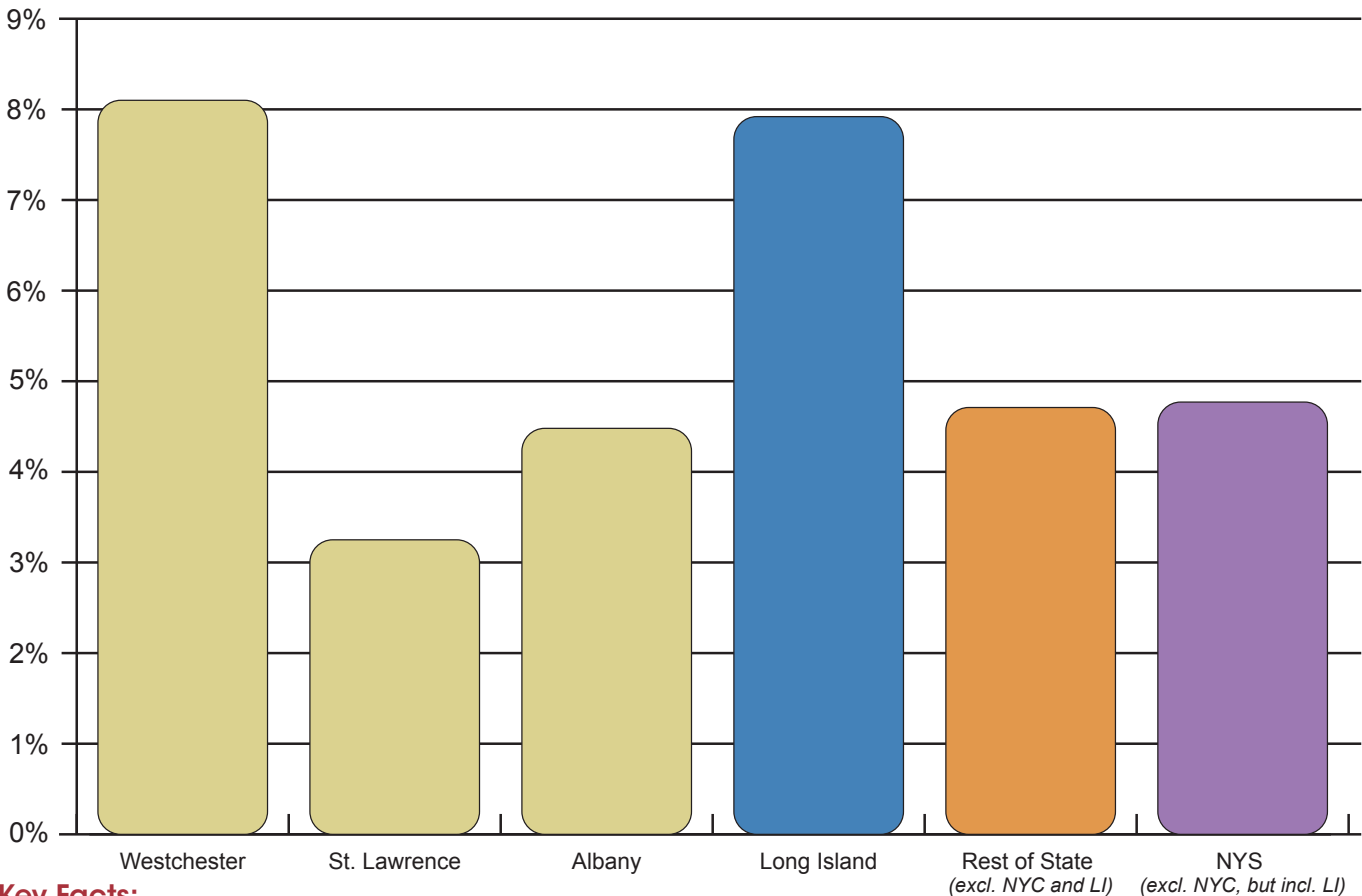
Property Tax Paid From Yearly Income

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	\$62,860	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, 2019.



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. Long Islanders spent approximately 66% more of their income on property taxes than New York State.

Appendices



Appendix A

School Enrollment Figures for New York State by County (2018-19)



Albany	38,853	Herkimer	8,661	St. Lawrence	14,127
Allentown	5,953	Jefferson	17,062	Saratoga	32,873
Broome.....	25,291	Lewis	3,858	Schenectady.....	21,217
Chautauque	12,349	Livingston	7,285	Schoharie	3,907
Cayuga.....	8,794	Madison	9,087	Schuyler	1,722
Chautauque.....	17,866	Monroe.....	104,899	Seneca	3,817
Chemung.....	10,920	Montgomery	7,197	Steuben.....	13,950
Chenango.....	6,955	Nassau	199,305	Suffolk.....	230,541
Clinton	10,590	New York City	921,388	Sullivan.....	9,043
Columbia	6,650	Niagara.....	27,378	Tioga	6,898
Cortland	5,831	Oneida.....	33,215	Tompkins.....	10,484
Delaware.....	5,164	Onondaga	67,144	Ulster.....	21,948
Dutchess.....	38,335	Ontario	15,198	Warren	8,497
Erie.....	121,786	Orange.....	57,019	Washington	8,177
Essex.....	3,526	Orleans	5,398	Wayne	13,322
Franklin	6,958	Oswego	18,450	Westchester	145,092
Fulton.....	7,266	Otsego.....	6,523	Wyoming.....	3,833
Genesee	7,717	Putnam.....	13,744	Yates	1,964
Greene.....	5,616	Rensselaer	19,794	Long Island	429,846
Hamilton.....	393	Rockland.....	39,205		

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

Source: New York State Education Department, 2018-19 School Report Card database.

Total NYS (including NYC and LI)	2,480,035
Total NYS (excluding NYC and LI).....	1,128,801
Total NYS (excluding NYC, but including LI)	1,558,647

Appendix B

Combined Wealth Ratios Throughout Long Island

Rank	Long Island School District	2018-19 Enrollment	2018-19 CWR
1	FIRE ISLAND UFSD	30	73.320
2	BRIDGEHAMPTON UFSD	204	24.411
3	AMAGANSETT UFSD	67	22.884
4	QUOGUE UFSD	87	22.029
5	FISHERS ISLAND UFSD	56	18.272
6	SOUTHAMPTON UFSD	1,515	11.716
7	SHELTER ISLAND UFSD	198	11.481
8	MONTAUK UFSD	289	9.396
9	EAST HAMPTON UFSD	1,765	8.462
10	OYSTERPONDS UFSD	81	7.218
11	SAG HARBOR UFSD	915	6.290
12	REMSENBURG-SPEONK UFSD	131	5.201
13	OYSTER BAY-EAST NORWICH CSD	1,518	4.866
14	LAWRENCE UFSD	2,493	3.991
15	WESTHAMPTON BEACH UFSD	1,804	3.715
16	LOCUST VALLEY CSD	2,034	3.642
17	TUCKAHOE COMMON SD	246	3.625
18	COLD SPRING HARBOR CSD	1,717	3.413
19	SOUTHOLD UFSD	779	2.993
20	MANHASSET UFSD	3,220	2.990
21	SPRINGS UFSD	686	2.888
22	PORT JEFFERSON UFSD	1,065	2.780
23	GREAT NECK UFSD	6,564	2.745
24	JERICO UFSD	3,070	2.668
25	MATTITUCK-CUTCHOGUE UFSD	1,128	2.615
26	GARDEN CITY UFSD	3,875	2.491
27	EAST WILLISTON UFSD	1,694	2.342
28	ROSLYN UFSD	3,153	2.226
29	NORTH SHORE CSD	2,580	2.154
30	PORT WASHINGTON UFSD	5,356	2.105
31	GREENPORT UFSD	627	2.046
32	ISLAND PARK UFSD	672	2.004
33	EAST QUOGUE UFSD	384	1.998
34	LONG BEACH CITY SD	3,613	1.887
35	SYOSSET CSD	6,465	1.874
36	NORTHPORT-EAST NORTHPORT UFSD	5,205	1.793
37	THREE VILLAGE CSD	5,878	1.792
38	MINEOLA UFSD	2,810	1.721
39	ROCKVILLE CENTRE UFSD	3,576	1.644
40	HEWLETT WOODMERE UFSD	2,864	1.627
41	HALF HOLLOW HILLS CSD	7,836	1.604
42	CARLE PLACE UFSD	1,339	1.577
43	HUNTINGTON UFSD	4,425	1.544
44	HERRICKS UFSD	3,959	1.515
45	HAMPTON BAYS UFSD	2,015	1.487
46	HAUPPAUGE CSD	3,354	1.439
47	MERRICK UFSD	1,494	1.428
48	SMITHTOWN CSD	8,635	1.412
49	MASSAPEQUA UFSD	6,764	1.387
50	HICKSVILLE UFSD	5,236	1.362
51	PLAINVIEW-OLD BETHPAGE CSD	4,937	1.361
52	BABYLON UFSD	1,573	1.361
53	BELLMORE UFSD	958	1.335
54	WEST HEMPSTEAD UFSD	1,795	1.334
55	KINGS PARK CSD	3,021	1.320
56	EAST ROCKAWAY UFSD	1,156	1.279
57	OCEANSIDE UFSD	5,507	1.272
58	GLEN COVE CITY UFSD	3,162	1.257
59	COMMACK UFSD	5,981	1.242
60	HARBORFIELDS CSD	3,022	1.235
61	LYNBROOK UFSD	2,807	1.228
62	FLORAL PARK-BELLROSE UFSD	1,434	1.201
63	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,683	1.199
64	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,276	1.149
65	BETHPAGE UFSD	2,956	1.147

Rank	Long Island School District	2018-19 Enrollment	2018-19 CWR
66	SEAFORD UFSD	2,256	1.142
67	FARMINGDALE UFSD	5,540	1.131
68	MALVERNE UFSD	1,728	1.129
69	ELWOOD UFSD	2,077	1.127
70	SHOREHAM-WADING RIVER CSD	2,106	1.116
71	WANTAGH UFSD	2,790	1.077
72	RIVERHEAD CSD	5,586	1.069
73	PLAINEDGE UFSD	2,861	1.055
74	FRANKLIN SQUARE UFSD	1,896	1.054
75	MOUNT SINAI UFSD	2,240	1.049
76	SAYVILLE UFSD	2,878	1.036
77	EAST MEADOW UFSD	7,136	1.031
78	WEST ISLIP UFSD	4,098	1.028
79	BAYPORT-BLUE POINT UFSD	2,143	1.027
80	SEWANHAKA CENTRAL HS DISTRICT	8,141	1.018
81	CONNETHQUOY CSD	5,655	1.003
82	SOUTH HUNTINGTON UFSD	5,724	1.001
83	ISLIP UFSD	2,758	0.995
84	NORTH MERRICK UFSD	1,190	0.974
85	NORTH BELLMORE UFSD	2,050	0.964
86	EAST ISLIP UFSD	3,643	0.962
87	VALLEY STREAM 13 UFSD	1,992	0.946
88	EAST MORICHES UFSD	713	0.935
89	VALLEY STREAM 30 UFSD	1,465	0.933
90	BALDWIN UFSD	4,509	0.928
91	ISLAND TREES UFSD	2,187	0.926
92	VALLEY STREAM CENTRAL HS DISTRICT	4,558	0.919
93	AMITYVILLE UFSD	2,941	0.914
94	WEST BABYLON UFSD	3,741	0.866
95	MILLER PLACE UFSD	2,521	0.856
96	VALLEY STREAM 24 UFSD	1,079	0.853
97	SACHEM CSD	12,647	0.838
98	ELMONT UFSD	3,434	0.832
99	LEVITTOWN UFSD	7,003	0.831
100	DEER PARK UFSD	3,979	0.804
101	SOUTH COUNTRY CSD	4,086	0.787
102	LINDENHURST UFSD	5,681	0.775
103	PATCHOGUE-MEDFORD UFSD	7,410	0.767
104	BAY SHORE UFSD	5,955	0.759
105	EASTPORT-SOUTH MANOR CSD	3,292	0.757
106	BROOKHAVEN-COMSEWOGUE UFSD	3,729	0.746
107	MIDDLE COUNTRY CSD	9,026	0.745
108	NORTH BABYLON UFSD	4,605	0.729
109	CENTER MORICHES UFSD	1,551	0.724
110	LONGWOOD CSD	9,166	0.717
111	ROCKY POINT UFSD	2,948	0.705
112	UNIONDALE UFSD	6,884	0.646
113	WESTBURY UFSD	4,949	0.628
114	COPIAGUE UFSD	4,924	0.591
115	FREEPORT UFSD	6,744	0.519
116	WILLIAM FLOYD UFSD	8,734	0.511
117	CENTRAL ISLIP UFSD	7,517	0.398
118	ROOSEVELT UFSD	3,213	0.354
119	BRENTWOOD UFSD	18,377	0.323
120	HEMPSTEAD UFSD	6,952	0.307
121	WYANDANCH UFSD	2,679	0.271
122	LITTLE FLOWER UFSD	90	-
123	NEW SUFFOLK COMMON SD	14	-
124	SAGAPONACK COMMON SD	15	-
125	WAINSCOTT COMMON SD	26	-

Source: New York State Education Department, 2018-19.

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

Appendix C

Combined Wealth Ratios Throughout Suffolk and Nassau Counties

Rank	Suffolk County School District	2018-19 Enrollment	2018-19 CWR
1	FIRE ISLAND UFSD	30	73.320
2	BRIDGEHAMPTON UFSD	204	24.411
3	AMAGANSETT UFSD	67	22.884
4	QUOGUE UFSD	87	22.029
5	FISHERS ISLAND UFSD	56	18.272
6	SOUTHAMPTON UFSD	1,515	11.716
7	SHELTER ISLAND UFSD	198	11.481
8	MONTAUK UFSD	289	9.396
9	EAST HAMPTON UFSD	1,765	8.462
10	OYSTERPONDS UFSD	81	7.218
11	SAG HARBOR UFSD	915	6.290
12	REMSENBERG-SPEONK UFSD	131	5.201
13	WESTHAMPTON BEACH UFSD	1,804	3.715
14	TUCKAHOE COMMON SD	246	3.625
15	COLD SPRING HARBOR CSD	1,717	3.413
16	SOUTHOLD UFSD	779	2.993
17	SPRINGS UFSD	686	2.888
18	PORT JEFFERSON UFSD	1,065	2.780
19	MATTITUCK-CUTCHOGUE UFSD	1,128	2.615
20	GREENPORT UFSD	627	2.046
21	EAST QUOGUE UFSD	384	1.998
22	NORTHPORT-EAST NORTHPORT UFSD	5,205	1.793
23	THREE VILLAGE CSD	5,878	1.792
24	HALF HOLLOW HILLS CSD	7,836	1.604
25	HUNTINGTON UFSD	4,425	1.544
26	HAMPTON BAYS UFSD	2,015	1.487
27	HAUPPAUGE UFSD	3,354	1.439
28	SMITHTOWN CSD	8,635	1.412
29	BABYLON UFSD	1,573	1.361
30	KINGS PARK CSD	3,021	1.320
31	COMMACK UFSD	5,981	1.242
32	HARBORFIELDS CSD	3,022	1.235
33	ELWOOD UFSD	2,077	1.127
34	SHOREHAM-WADING RIVER CSD	2,106	1.116
35	RIVERHEAD CSD	5,586	1.069
36	MOUNT SINAI UFSD	2,240	1.049
37	SAYVILLE UFSD	2,878	1.036
38	WEST ISLIP UFSD	4,098	1.028
39	BAYPORT-BLUE POINT UFSD	2,143	1.027
40	CONNETQUOT CSD	5,655	1.003
41	SOUTH HUNTINGTON UFSD	5,724	1.001
42	ISLIP UFSD	2,758	0.995
43	EAST ISLIP UFSD	3,643	0.962
44	EAST MORICHES UFSD	713	0.935
45	AMITYVILLE UFSD	2,941	0.914
46	WEST BABYLON UFSD	3,741	0.866
47	MILLER PLACE UFSD	2,521	0.856
48	SACHEM CSD	12,647	0.838
49	DEER PARK UFSD	3,979	0.804
50	SOUTH COUNTRY CSD	4,086	0.787
51	LINDENHURST UFSD	5,681	0.775
52	PATCHOGUE-MEDFORD UFSD	7,410	0.767
53	BAY SHORE UFSD	5,955	0.759
54	EASTPORT-SOUTH MANOR CSD	3,292	0.757
55	BROOKHAVEN-COMSEWOGUE UFSD	3,729	0.746
56	MIDDLE COUNTRY CSD	9,026	0.745
57	NORTH BABYLON UFSD	4,605	0.729
58	CENTER MORICHES UFSD	1,551	0.724
59	LONGWOOD CSD	9,166	0.717
60	ROCKY POINT UFSD	2,948	0.705
61	COPIAGUE UFSD	4,924	0.591
62	WILLIAM FLOYD UFSD	8,734	0.511
63	CENTRAL ISLIP UFSD	7,517	0.398
64	BRENTWOOD UFSD	18,377	0.323
65	WYANDANCH UFSD	2,679	0.271

Rank	Nassau BOCES School District	2018-19 Enrollment	2018-19 CWR
1	OYSTER BAY-EAST NORWICH CSD	1,518	4.866
2	LAWRENCE UFSD	2,493	3.991
3	LOCUST VALLEY CSD	2,034	3.642
4	MANHASSET UFSD	3,220	2.990
5	GREAT NECK UFSD	6,564	2.745
6	JERICO UFSD	3,070	2.668
7	GARDEN CITY UFSD	3,875	2.491
8	EAST WILLISTON UFSD	1,694	2.342
9	ROSLYN UFSD	3,153	2.226
10	NORTH SHORE CSD	2,580	2.154
11	PORT WASHINGTON UFSD	5,356	2.105
12	ISLAND PARK UFSD	672	2.004
13	LONG BEACH CITY SD	3,613	1.887
14	SYOSSET CSD	6,465	1.874
15	MINEOLA UFSD	2,810	1.721
16	ROCKVILLE CENTRE UFSD	3,576	1.644
17	HEWLETT WOODMERE UFSD	2,864	1.627
18	CARLE PLACE UFSD	1,339	1.577
19	HERRICKS UFSD	3,959	1.515
20	MERRICK UFSD	1,494	1.428
21	MASSAPEQUA UFSD	6,764	1.387
22	HICKSVILLE UFSD	5,236	1.362
23	PLAINVIEW-OLD BETHPAGE CSD	4,937	1.361
24	BELLMORE UFSD	958	1.335
25	WEST HEMPSTEAD UFSD	1,795	1.334
26	EAST ROCKAWAY UFSD	1,156	1.279
27	OCEANSIDE UFSD	5,507	1.272
28	GLEN COVE CITY SD	3,162	1.257
29	LYNBROOK UFSD	2,807	1.228
30	FLORAL PARK-BELLEROSE UFSD	1,434	1.201
31	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,683	1.199
32	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,276	1.149
33	BETHPAGE UFSD	2,956	1.147
34	SEAFORD UFSD	2,256	1.142
35	FARMINGDALE UFSD	5,540	1.131
36	MALVERNE UFSD	1,728	1.129
37	WANTAGH UFSD	2,790	1.077
38	PLAINEDGE UFSD	2,861	1.055
39	FRANKLIN SQUARE UFSD	1,896	1.054
40	EAST MEADOW UFSD	7,136	1.031
41	SEWANHAKA CENTRAL HS DISTRICT	8,141	1.018
42	NORTH MERRICK UFSD	1,190	0.974
43	NORTH BELLMORE UFSD	2,050	0.964
44	VALLEY STREAM 13 UFSD	1,992	0.946
45	VALLEY STREAM 30 UFSD	1,465	0.933
46	BALDWIN UFSD	4,509	0.928
47	ISLAND TREES UFSD	2,187	0.926
48	VALLEY STREAM CENTRAL HS DISTRICT	4,558	0.919
49	VALLEY STREAM 24 UFSD	1,079	0.853
50	ELMONT UFSD	3,434	0.832
51	LEVITTOWN UFSD	7,003	0.831
52	UNIONDALE UFSD	6,884	0.646
53	WESTBURY UFSD	4,949	0.628
54	FREEPORT UFSD	6,744	0.519
55	ROOSEVELT UFSD	3,213	0.354
56	HEMPSTEAD UFSD	6,952	0.307

Source: New York State Education Department, 2018-19.

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

Appendix D

Long Island's Least-Wealthy and Wealthiest School Districts (2018-19)

The least-wealthy school districts represent Long Island's K-12 school districts with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,000+. Wealthiest school districts are those school districts with the highest CWRs and student enrollment at 1,000+. Out of the 125 school districts on Long Island, 103 school districts met the criteria selected for this analysis. The data for the top 10% (approximately) and the bottom 10% (approximately) of these 103 school districts were analyzed in Tables 3, 3a, 4, 4a, 5, 8, 9, and 12.

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

Long Island School District	CWR	% Enrollment Change (2008-09 to 2018-19)
Wyandanch Union Free School District	0.271	38.16
Hempstead Union Free School District	0.307	20.19
Brentwood Union Free School District	0.323	15.04
Roosevelt Union Free School District	0.354	20.02
Central Islip Union Free School District	0.398	20.72
William Floyd Union Free School District	0.511	-7.90
Freeport Union Free School District	0.519	8.69
Copiague Union Free School District	0.591	7.23
Westbury Union Free School District	0.628	28.21
Uniondale Union Free School District	0.646	9.50

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

Long Island School District	CWR	% Enrollment Change (2008-09 to 2018-19)
Southampton Union Free School District	11.716	-0.98
East Hampton Union Free School District	8.462	-2.97
Oyster Bay-East Norwich Central School District	4.866	-5.07
Lawrence Union Free School District	3.991	-16.29
Westhampton Beach Union Free School District	3.715	-0.28
Locust Valley Central School District	3.642	-10.08
Cold Spring Harbor Central School District	3.413	-16.85
Manhasset Union Free School District	2.990	-6.66
Port Jefferson Union Free School District	2.780	-17.25
Great Neck Union Free School District	2.745	5.28

Source: New York State Education Department, 2018-19.

Appendix E

Rest of State Least-Wealthy/Wealthiest School Districts (2018) (Excludes Long Island and New York City)

The least-wealthy school districts represent New York State K-12 school districts, excluding Long Island and New York City, with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,000+. Wealthiest school districts are those school districts with the highest CWRs and student enrollment at 1,000+. Out of the 563 school districts in the Rest of State, 305 school districts met the criteria selected for this analysis. The data for the top 10% and the bottom 10% of the 305 school districts were analyzed in Tables 4, 4a, 5, and 9.

Rank	Rest of State School Districts (excl. LI & NYC)	2018-19 Enrollment	2018-19 CWR
WEALTHIEST DISTRICTS (10%)			
1	SCARSDALE UFSD	4,722	4.494
2	BRONXVILLE UFSD	1,630	4.294
3	RYE CITY SD	3,263	3.856
4	HARRISON CSD	3,635	3.624
5	BYRAM HILLS CSD	2,299	3.282
6	BEDFORD CSD	3,903	2.847
7	MAMARONECK UFSD	5,554	2.809
8	CHAPPAQUA CSD	3,709	2.561
9	KATONAH-LEWISBORO UFSD	2,955	2.449
10	BRIARCLIFF MANOR UFSD	1,430	2.432
11	GREENBURGH CSD	1,651	2.337
12	NORTH SALEM CSD	1,060	2.233
13	SKANEATELES CSD	1,317	2.214
14	ONTEORA CSD	1,215	2.211
15	RYE NECK UFSD	1,585	2.054
16	IRVINGTON UFSD	1,763	2.051
17	BLIND BROOK-RYE UFSD	1,420	2.018
18	EDGEMONT UFSD	2,034	2.004
19	TUCKAHOE UFSD	1,156	1.833
20	CROTON-HARMON UFSD	1,573	1.739
21	MOUNT PLEASANT CSD	1,903	1.703
22	WHITE PLAINS CITY SD	7,050	1.669
23	PELHAM UFSD	2,891	1.664
24	HENDRICK HUDSON CSD	2,320	1.649
25	VALHALLA UFSD	1,404	1.636
26	EASTCHESTER UFSD	3,228	1.590
27	SARANAC LAKE CSD	1,113	1.585
28	SOUTH ORANGETOWN CSD	2,969	1.533
29	HASTINGS-ON-HUDSON UFSD	1,655	1.526
30	SOMERS CSD	2,948	1.505
31	TACONIC HILLS CSD	1,244	1.501

Rank	Rest of State School Districts (excl. LI & NYC)	2018-19 Enrollment	2018-19 CWR
LEAST-WEALTHY DISTRICTS (10%)			
1	SALMON RIVER CSD	1,461	0.177
2	UTICA CITY SD	9,989	0.244
3	INDIAN RIVER CSD	3,685	0.252
4	SALAMANCA CITY CSD	1,193	0.268
5	JAMESTOWN CITY SD	4,515	0.287
6	ROCHESTER CITY SD	25,669	0.293
7	SYRACUSE CITY SD	19,363	0.304
8	CARTHAGE CSD	3,110	0.308
9	BUFFALO CITY SD	31,050	0.311
10	SCHENECTADY CITY SD	9,256	0.324
11	HORNELL CITY SD	1,541	0.326
12	HANNIBAL CSD	1,273	0.329
13	LACKAWANNA CITY SD	1,852	0.339
14	FULTON CITY SD	3,317	0.342
15	NIAGARA FALLS CITY SD	6,627	0.344
16	GLOVERSVILLE CITY SD	2,597	0.344
17	OGDENSBURG CITY SD	1,536	0.345
18	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,076	0.355
19	GOWANDA CSD	1,115	0.369
20	DUNKIRK CITY SD	2,016	0.376
21	GOUVERNEUR CSD	1,480	0.398
22	MEDINA CSD	1,431	0.400
23	SHERBURNE-EARLVILLE CSD	1,306	0.403
24	NEWARK CSD	2,043	0.404
25	ALTMAR-PARISH-WILLIAMSTOWN CSD	1,120	0.406
26	MASSENA CSD	2,463	0.412
27	ROME CITY SD	5,310	0.418
28	BATH CSD	1,424	0.420
29	ADDISON CSD	1,018	0.420
30	AMSTERDAM CITY SD	3,669	0.420
31	ELMIRA CITY SD	5,570	0.430

Appendix F

New York State's Least-Wealthy/Wealthiest School Districts (2018) (Includes Long Island and Excludes New York City)

The least-wealthy school districts represent New York State K-12 school districts, including Long Island and excluding New York City, with the lowest Combined Wealth Ratios (CWRs) and student enrollment at 1,000+. Wealthiest school districts are those school districts with the highest CWRs and student enrollment at 1,000+. Out of the 688 school districts in New York State, 409 school districts met the criteria selected for this analysis. The data for the top 10% and the bottom 10% of the 409 school districts were analyzed in tables 4, 4a, 5, and 9.

Rank	NYS School Districts (incl. LI, excl NYC)	2018-19 Enrollment	2018-19 CWR
	WEALTHIEST DISTRICTS (10%)		
1	SOUTHAMPTON UFSD	1,515	11.716
2	EAST HAMPTON UFSD	1,765	8.462
3	OYSTER BAY-EAST NORWICH CSD	1,518	4.866
4	SCARSDALE UFSD	4,722	4.494
5	BRONXVILLE UFSD	1,630	4.294
6	LAWRENCE UFSD	2,493	3.991
7	RYE CITY SD	3,263	3.856
8	WESTHAMPTON BEACH UFSD	1,804	3.715
9	LOCUST VALLEY CSD	2,034	3.642
10	HARRISON CSD	3,635	3.624
11	COLD SPRING HARBOR CSD	1,717	3.413
12	BYRAM HILLS CSD	2,299	3.282
13	MANHASSET UFSD	3,220	2.990
14	BEDFORD CSD	3,903	2.847
15	MAMARONECK UFSD	5,554	2.809
16	PORT JEFFERSON UFSD	1,065	2.780
17	GREAT NECK UFSD	6,564	2.745
18	JERICHO UFSD	3,070	2.668
19	MATTITUCK-CUTCHOGUE UFSD	1,128	2.615
20	CHAPPAQUA CSD	3,709	2.561
21	GARDEN CITY UFSD	3,875	2.491
22	KATONAH-LEWISBORO UFSD	2,955	2.449
23	BRIARCLIFF MANOR UFSD	1,430	2.432
24	EAST WILLISTON UFSD	1,694	2.342
25	GREENBURGH CSD	1,651	2.337
26	NORTH SALEM CSD	1,060	2.233
27	ROSLYN UFSD	3,153	2.226
28	SKANEATELES CSD	1,317	2.214
29	ONTEORA CSD	1,215	2.211
30	NORTH SHORE CSD	2,580	2.154
31	PORT WASHINGTON UFSD	5,356	2.105
32	RYE NECK UFSD	1,585	2.054
33	IRVINGTON UFSD	1,763	2.051
34	BLIND BROOK-RYE UFSD	1,420	2.018
35	EDGEMONT UFSD	2,034	2.004
36	LONG BEACH CITY SD	3,613	1.887
37	SYOSSET CSD	6,465	1.874
38	TUCKAHOE UFSD	1,156	1.833
39	NORTHPORT-EAST NORTHPORT UFSD	5,205	1.793
40	THREE VILLAGE CSD	5,878	1.792
41	CROTON-HARMON UFSD	1,573	1.739

Rank	NYS School Districts (incl. LI, excl NYC)	2018-19 Enrollment	2018-19 CWR
	LEAST-WEALTHY DISTRICTS (10%)		
1	SALMON RIVER CSD	1,461	0.177
2	UTICA CITY SD	9,989	0.244
3	INDIAN RIVER CSD	3,685	0.252
4	SALAMANCA CITY CSD	1,193	0.268
5	WYANDANCH UFSD	2,679	0.271
6	JAMESTOWN CITY SD	4,515	0.287
7	ROCHESTER CITY SD	25,669	0.293
8	SYRACUSE CITY SD	19,363	0.304
9	HEMPSTEAD UFSD	6,952	0.307
10	CARTHAGE CSD	3,110	0.308
11	BUFFALO CITY SD	31,050	0.311
12	BRENTWOOD UFSD	18,377	0.323
13	SCHENECTADY CITY SD	9,256	0.324
14	HORNELL CITY SD	1,541	0.326
15	HANNIBAL CSD	1,273	0.329
16	LACKAWANNA CITY SD	1,852	0.339
17	FULTON CITY SD	3,317	0.342
18	NIAGARA FALLS CITY SD	6,627	0.344
19	GLOVERSVILLE CITY SD	2,597	0.344
20	OGDENSBURG CITY SD	1,536	0.345
21	ROOSEVELT UFSD	3,213	0.354
22	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,076	0.355
23	GOWANDA CSD	1,115	0.369
24	DUNKIRK CITY SD	2,016	0.376
25	CENTRAL ISLIP UFSD	7,517	0.398
26	GOUVERNEUR CSD	1,480	0.398
27	MEDINA CSD	1,431	0.400
28	SHERBURNE-EARLVILLE CSD	1,306	0.403
29	NEWARK CSD	2,043	0.404
30	ALTMAR-PARISH-WILLIAMSTOWN CSD	1,120	0.406
31	MASSENA CSD	2,463	0.412
32	ROME CITY SD	5,310	0.418
33	BATH CSD	1,424	0.420
34	ADDISON CSD	1,018	0.420
35	AMSTERDAM CITY SD	3,669	0.420
36	ELMIRA CITY SD	5,570	0.430
37	ALBION CSD	1,774	0.432
38	SILVER CREEK CSD	1,012	0.432
39	LITTLE FALLS CITY SD	1,093	0.434
40	WHITNEY POINT CSD	1,360	0.437
41	PORT JERVIS CITY SD	2,412	0.438

Appendix G

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 (2019) 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 (2019).

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 H

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, is 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 I

Previous Long Island Education: Costs and Outcomes Reports

Long Island Education:

Costs and Outcomes - 2008|2010|2012|2014|2016|2018

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*

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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