

THE LONG ISLAND EDUCATION COALITION • THE LONG ISLAND ASSOCIATION



LONG ISLAND EDUCATION  
**COSTS AND  
OUTCOMES**

2016





# Introduction



This eleventh 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). These two groups have once again updated this report that has proven to be critically important to our region over the past 21 years. This year, we have included some statewide data, as well as several charts with longitudinal data, illustrating trends over the last 20 years of reports. The simple, straightforward idea behind this major effort continues to be the same today as it was in 1995 – “Let’s agree on the numbers, and then draw our conclusions.” Early on, we agreed to use only verified data from New York State sources and have continued that practice over the years.

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

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

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

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# About Long Island Education

## Costs and Outcomes

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

The effort paid immediate dividends as the groups readily identified a fundamental flaw in the allocation of state aid across the State. The “flaw,” which was the total disregard for significant regional cost differences within the State, became the basis of an aggressive advocacy effort that exists to this day. Although major changes to the state aid system have occurred over the past 21 years, a true, realistic regional cost adjustment has not been incorporated in a meaningful manner. Despite the opportunities afforded by the State through significant increases in aid to education, the settlement of the Campaign for Fiscal Equity (CFE) case, and the introduction of a Foundation Formula, the matter has not been appropriately addressed.

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

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

The common ground that was established through this process has led to the biennial updating of the report over the past 21 years. On an annual basis, data from this report is used to prepare a regional response to the Regents State Aid Proposal, as well as a number of other budget-related matters.

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

# Long Island Education: Costs and Outcomes

## Executive Summary 20 Key Facts

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

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

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

Included in this edition of the report are several multi-year analyses of select student outcomes and financial data that support these basic facts.

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 that gap has continued to widen.

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

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

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

### Achievement

1. Even with major adjustments to the cut scores on New York State tests resulting in a significant drop in state assessment scores across the State, Long Island's elementary, middle level, and secondary students consistently 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 most wealthy 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 7 to nearly 45 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 13 to nearly 38 percentage points below performance of the wealthiest school districts on Long Island (see *Table 3 and*



Appendix D).

In New York State, least wealthy districts' performance on required assessments are, depending on exam results under study, anywhere from 14 to nearly 50 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 3a and Appendix E*).

## Outcomes/Enrollment

2. Only New York City and two other downstate counties served greater percentages of English Language Learner (ELL) students than Long Island (7.0%) in the 2014-15 school year.

The data indicate that the least wealthy school districts on Long Island served a higher percentage of ELL students (21.3%) than Long Island as a whole (7.0%). Long Island as a region served a higher percentage of ELL students than New York State (4.6%).

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 (11.4%) (see *Tables 4 and 5*).

3. Long Island's percentage of high school students graduating with a Regents diploma (95.7%) in 2014-15 ranked above the statewide median (92.5%). For the same year, Long Island's percentage of high school students graduating with a Regents Diploma with Advanced Designation (54.5%) ranked well above the statewide median (38.4%) (see *Table 6*).

The percentage of high school graduates in Long Island's least wealthy school districts earning a Regents diploma (93.0%) in 2014-15 was similar to the State median (92.5%) and below Long Island's wealthiest school districts (96.5%). For the same year, the percentage of high school graduates in Long Island's least wealthy school districts earning a Regents Diploma with Advanced Designation (22.5%) was below the State median (38.4%) and well below Long Island's wealthiest school districts (65.0%) (see *Tables 6 and 9*).

For the past 20 years, the number of Long Island students earning a Regents diploma has consistently increased, and the percentage of high school graduates earning a Regents diploma has consistently been higher than the rest of the state (see *Table 6a and Appendix H*).

4. Long Island ranked second in the percentage of graduates (90.3%) planning to enter post-secondary education in 2014-15 (see *Table 7*).
5. The percentage of Long Island graduates entering post-secondary education ranked second highest in the State in 2014-15 (90.3%). For the same year, the percentage of students educated in Long Island's least wealthy districts planning to enter post-secondary education (79.3%) was slightly above the statewide median (77.6%), but it was over 14 percentage points below Long Island's wealthiest districts (see *Tables 7 and 9*).

For the past 20 years, the percentage of high school graduates on Long Island entering post-secondary education has been consistently higher than the percentage of students in the rest of the state (see *Table 7a and Appendix J*).

6. Long Island was below the statewide median (2.4%) in the percentage of students reported as dropping out of school in the 2014-15 school year (1.2%) (see *Table 8*).

The dropout rate in the least wealthy school districts (3.5%) on Long Island was 1.6 percentage points greater than that of the wealthiest districts on Long Island (1.9%), and 1.5% greater than New York State (2.0%) (see *Table 9*).

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

### Costs

7. 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 10).
8. Long Island's regionally adjusted per pupil expense (\$17,326) was 4.2% below Cattaraugus County (\$18,047), the county at the median (see Table 13).
9. Long Island averaged a 5.54 percentage point increase per year in per pupil expenditures over the past 10 years. The annual average percentage point increase for counties at the median was 5.94 (see Table 14).
10. Long Island continues to experience a decline in student enrollment. However, student enrollment declines in 49 other counties (88%) outpace the decline on Long Island (see Table 15).

### Salaries

11. The mean (average) salary for elementary, middle, and secondary school teachers on Long Island ranges from \$98,260 to \$100,340. When adjusted for regional cost differences by the New York State Education Department's Professional Cost Index, these salaries range from \$68,954 to \$70,414. These adjusted salaries are well below the unadjusted statewide salary range (\$75,870 to \$77,750), which includes New York City pay rates. When Long Island's adjusted salaries are compared to the adjusted statewide salary range (\$58,410 to \$59,726), 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 11).
12. 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 12).

### Local Effort/State Share

13. As reported by the IRS and state and tax revenue services, Long Islanders spend approximately 57% more of their income on property taxes than New York in general (7.92% v. 5.02%). This occurs because property tax revenues fund a greater share of school expenses on Long Island than in the State as a whole (Federal and State Information Portal; Property Tax Rates by State and County).
14. When New York City is included, the share of state aid directed to Long Island (12.3%) is less than the percentage of the State's children being educated on Long Island (17.3%) (see Table 17).
15. For the past 20 years, the State share of school district revenues on Long Island has consistently fallen well below the region at the median (see Table 16a and Appendix K).
16. 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 4).
17. The State share of funding on Long Island is 23.2% (excluding STAR). State aid, however, funds 40.9% of school revenues in the rest of the state (excluding STAR). Property tax levy and other revenue provide 67.6% of school district revenues to Long Island compared to 48.7% in the rest of the state. (see Table 17).

18. Long Island accounted for 30% of the annual taxable sales in the State (excluding New York City) (see Table 18).

For the past 20 years, Long Island as a region, has consistently ranked as the highest region in the State in the percentage of annual taxable sales and purchases (see Table 18a and Appendix L).

19. Residents on Long Island (excluding New York City) paid 36.6% of the State’s income taxes (see Table 19).

For the past 20 years, Long Island has consistently ranked as the region with the highest percentage of state income tax liability (see Table 19a and Appendix M).

## Wealth

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

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

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

## Regional Enrollment

Region	Total Number of Students (2014-15)	% of Students Enrolled in Low Wealth School Districts
Suffolk County	241,599	57.7
Eastern Suffolk BOCES	158,275	71.5
Western Suffolk BOCES	83,324	31.5
Nassau County (Nassau BOCES)	199,152	30.6
Long Island	440,751	45.4

**Note:** Total number of students excludes enrollment in Charter Schools and districts that did not report a CWR.

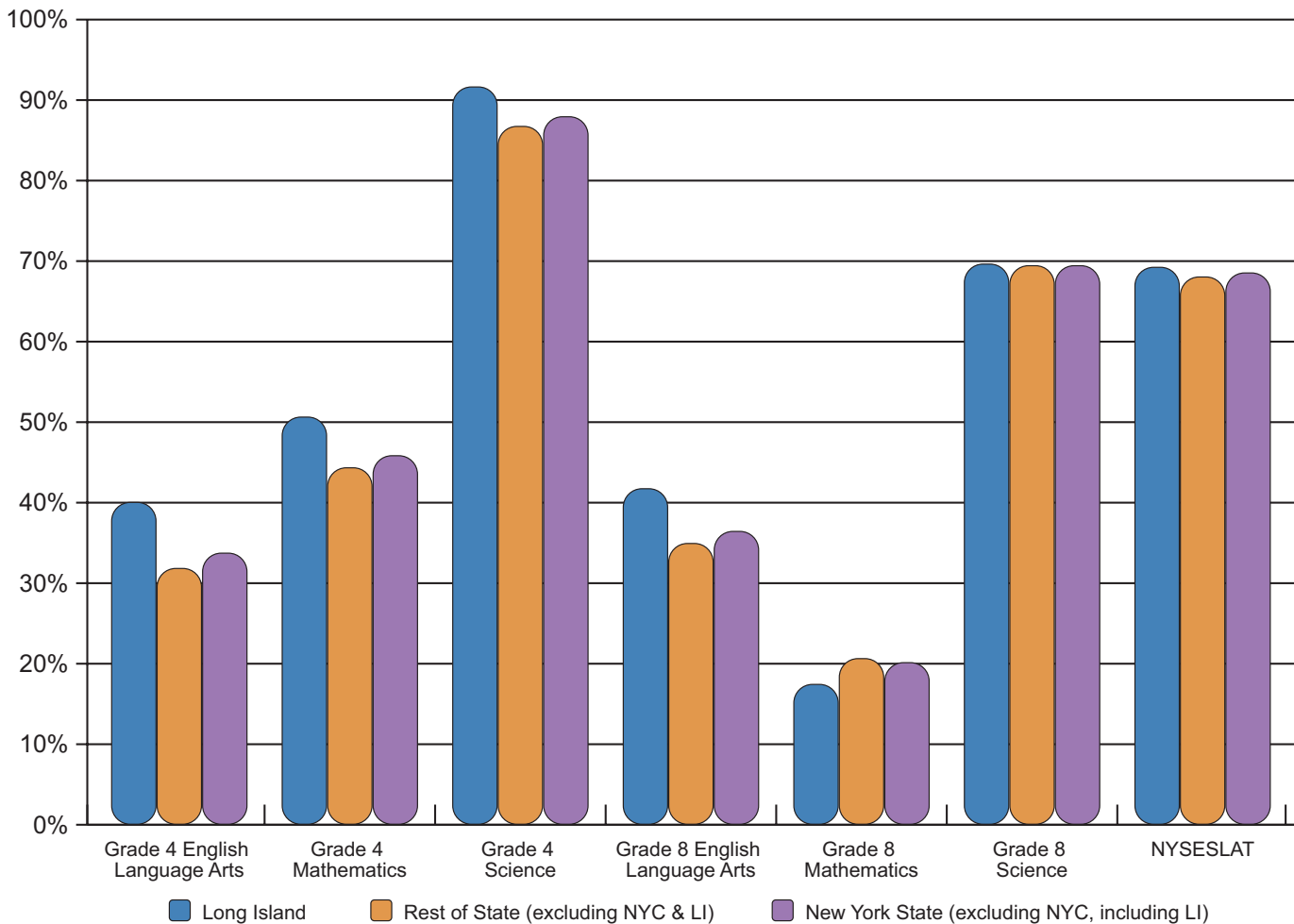
**Source:** New York State Education Department, 2014-15 School Report Card database.

**TABLE 1****Percentage of Elementary and Middle Level Students Scoring at Levels 3 or 4 on Assessments/3, 4, or 5 on NYSESLAT**

Assessments	Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%
Grade 4 English Language Arts	19,793	40.1	67,499	31.9	87,292	33.8
Grade 4 Mathematics	19,156	50.7	65,220	44.4	84,376	45.9
Grade 4 Science	23,281	91.7	71,867	86.8	95,148	88.0
Grade 8 English Language Arts	17,377	41.8	61,795	35.0	79,172	36.5
Grade 8 Mathematics	8,059	17.5	42,868	20.7	50,927	20.2
Grade 8 Science	11,481	69.7	52,824	69.5	64,305	69.5
NYSESLAT	31,241	69.3	42,099	68.1	73,340	68.6

**Description:** The total number of 4th and 8th grade students who were tested 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 2014-15.

**Source:** New York State Education Department, 2014-15 School Report Card database.

**Key Fact:**

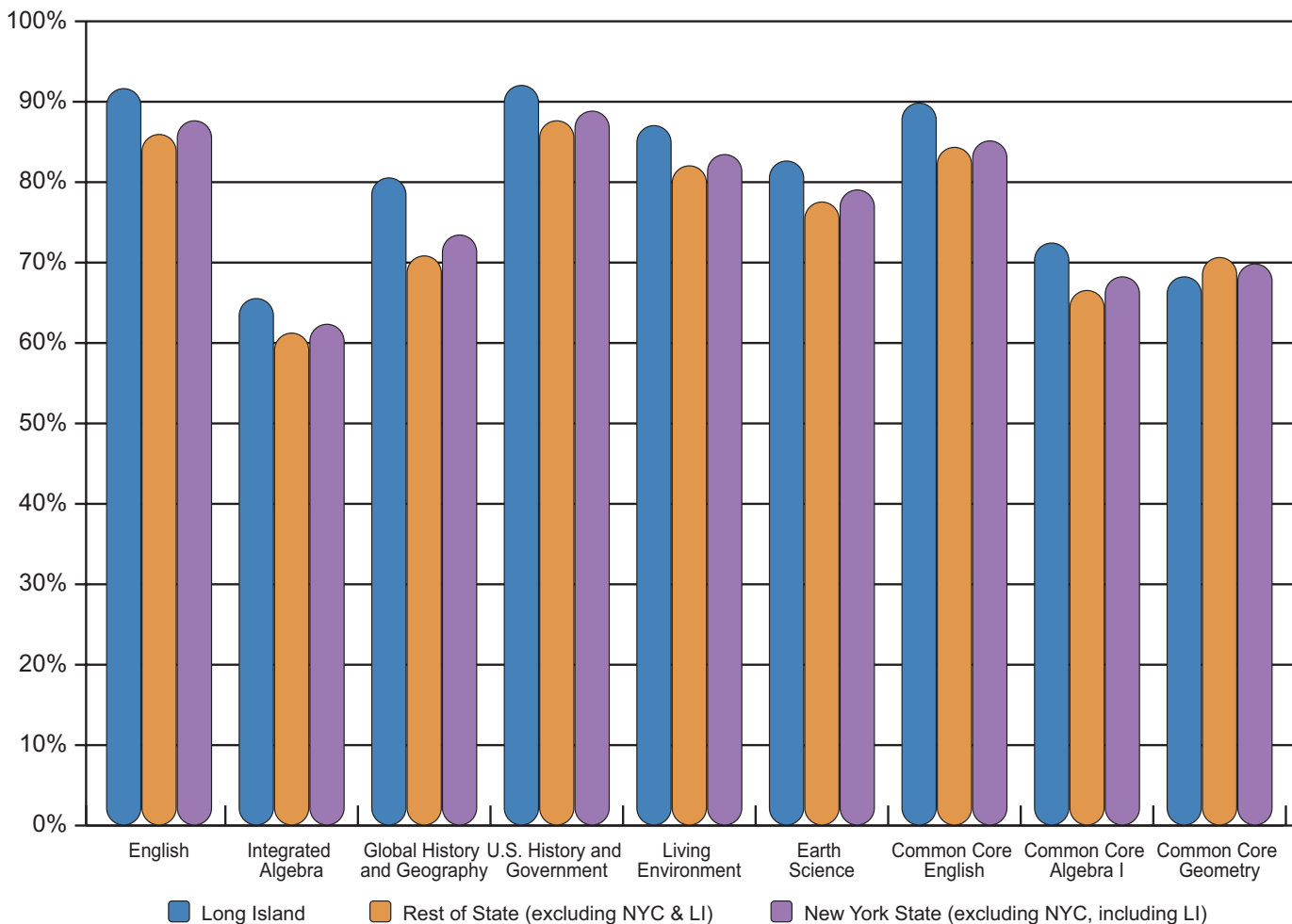
1. Long Island's elementary and middle level students outperformed other students statewide on six of seven exams.

**TABLE 2****Percentage of Secondary Students Scoring 65+ on Regents Exams/  
3, 4, or 5 on Common Core Exams**

Regents	Long Island		Rest of State <i>(excluding NYC and LI)</i>		New York State <i>(excluding NYC, including LI)</i>	
	N	%	N	%	N	%
English	34,177	91.7	78,018	86.0	112,195	87.7
Integrated Algebra	12,439	65.6	36,594	61.3	49,033	62.4
Global History and Geography	41,335	80.6	112,141	70.9	153,476	73.5
U.S. History and Government	37,551	92.1	95,169	87.7	132,720	88.9
Living Environment	39,771	87.1	101,852	82.1	141,623	83.5
Earth Science	33,598	82.7	77,731	77.6	111,329	79.1
Common Core English	6,101	89.9	36,950	84.4	43,051	85.2
Common Core Algebra I	37,352	72.5	94,479	66.6	131,831	68.3
Common Core Geometry	28,153	68.3	56,887	70.7	85,040	69.9

**Description:** The number of secondary students tested and the percentage who scored 65+ on the New York State Regents, and 3, 4, or 5 on Common Core Regents 2014-15.

**Source:** New York State Education Department, 2014-15 School Report Card database.

**Key Fact:**

1. Long Island's secondary students consistently outperformed other students statewide on all but one Regents exam.

**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										
	Least Wealthy Districts (9 districts) Enrollment 61,612		Wealthiest Districts (9 districts) Total Enrollment 23,171		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
Grade 4 English Language Arts	3,344	16.0	1,286	55.0	19,793	40.1	67,499	31.9	87,292	33.8
Grade 4 Mathematics	3,270	24.7	1,282	65.0	19,156	50.7	65,220	44.4	84,376	45.9
Grade 4 Science	3,818	80.1	1,372	93.8	23,281	91.7	71,867	86.8	95,148	88.0
Grade 8 English Language Arts	2,678	15.7	1,302	60.2	17,377	41.8	61,795	35.0	79,172	36.5
Grade 8 Mathematics	1,859	5.2*	627	38.4*	8,059	17.5	42,868	20.7	50,927	20.2
Grade 8 Science	2,069	44.0	509	76.6*	11,481	69.7	52,824	69.5	64,305	69.5
NYSESLAT	12,738	65.6	1,467	72.3	31,241	69.3	42,099	68.1	73,340	68.6

Students Scoring 65+ on Regents Exams and 3, 4, or 5 on Common Core Exams										
	Least Wealthy Districts (9 districts) Enrollment 61,612		Wealthiest Districts (9 districts) Total Enrollment 23,171		Long Island		Rest of State (excluding NYC and LI)		New York State (excluding NYC, including LI)	
	N	%	N	%	N	%	N	%	N	%
English	4,451	80.7	2,204	93.5	34,177	91.7	78,018	86.0	112,195	87.7
Integrated Algebra	3,279	57.6	682	77.6*	12,439	65.6	36,594	61.3	49,033	62.4
Global History and Geography	6,160	63.4	2,320	84.1	41,335	80.6	112,141	70.9	153,476	73.5
US History and Government	5,077	80.0	2,445	93.6	37,551	92.1	95,169	87.7	132,720	88.9
Living Environment	5,678	70.8	2,619	89.1	39,771	87.1	101,852	82.1	141,623	83.5
Earth Science	3,853	61.7	1,929	87.2	33,598	82.7	77,731	77.6	111,329	79.1
Common Core English	634	62.8*	232	89.7*	6,101	89.9	36,950	84.4	43,051	85.2
Common Core Algebra I	4,945	45.6	2,161	83.1	37,352	72.5	94,479	66.6	131,831	68.3
Common Core Geometry	2,236	46.6	1,860	79.4	28,153	68.3	56,887	70.7	85,040	69.9

**Description:** Number tested 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 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, 2014-15. The least wealthy school districts are those that serve 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWR in the region.

\*Long Island least wealthy districts – 8 of 9 reported for Grade 8 Math and Common Core English. Wealthiest districts – 7 of 9 reported for Grade 8 Math; 8 of 9 for Grade 8 Science; 8 of 9 for Integrated Algebra; 6 of 9 for Common Core English.

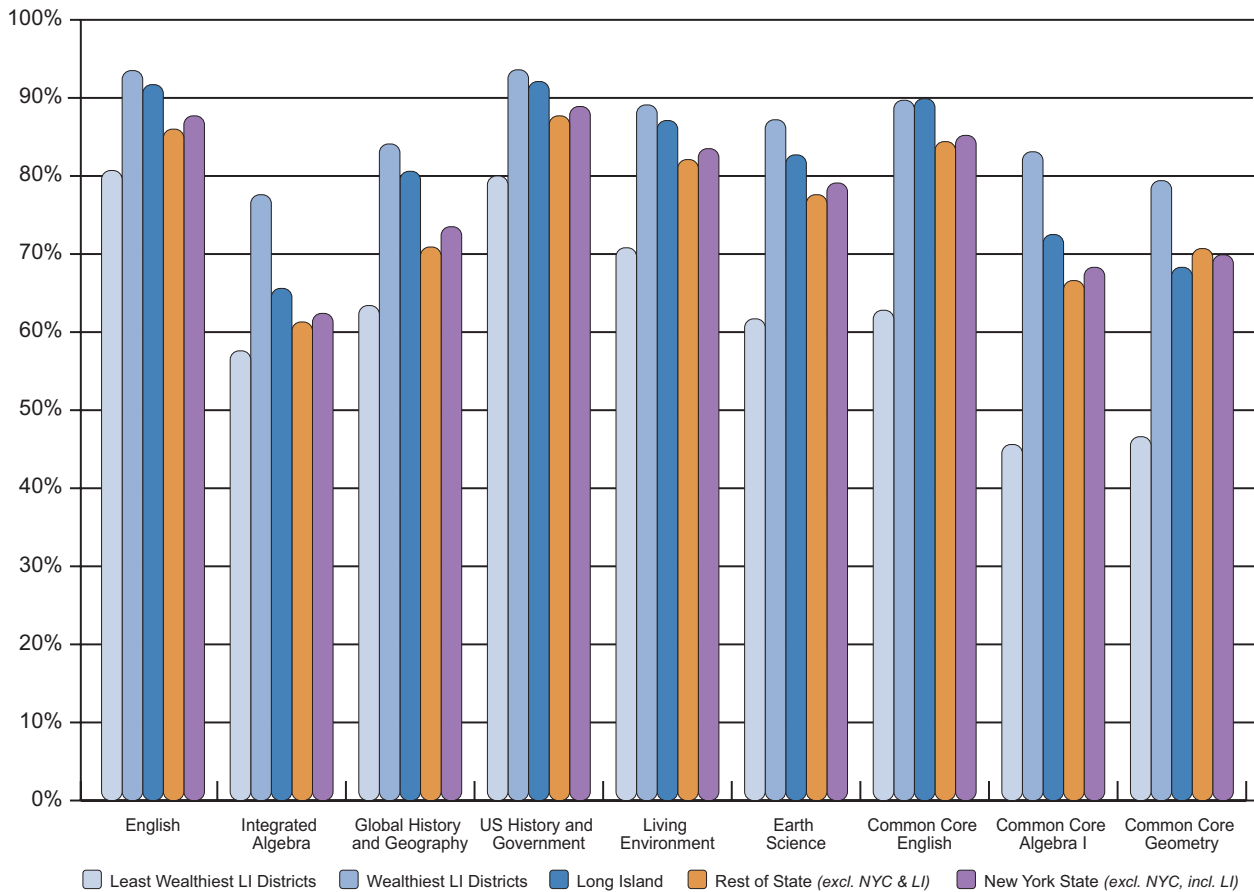
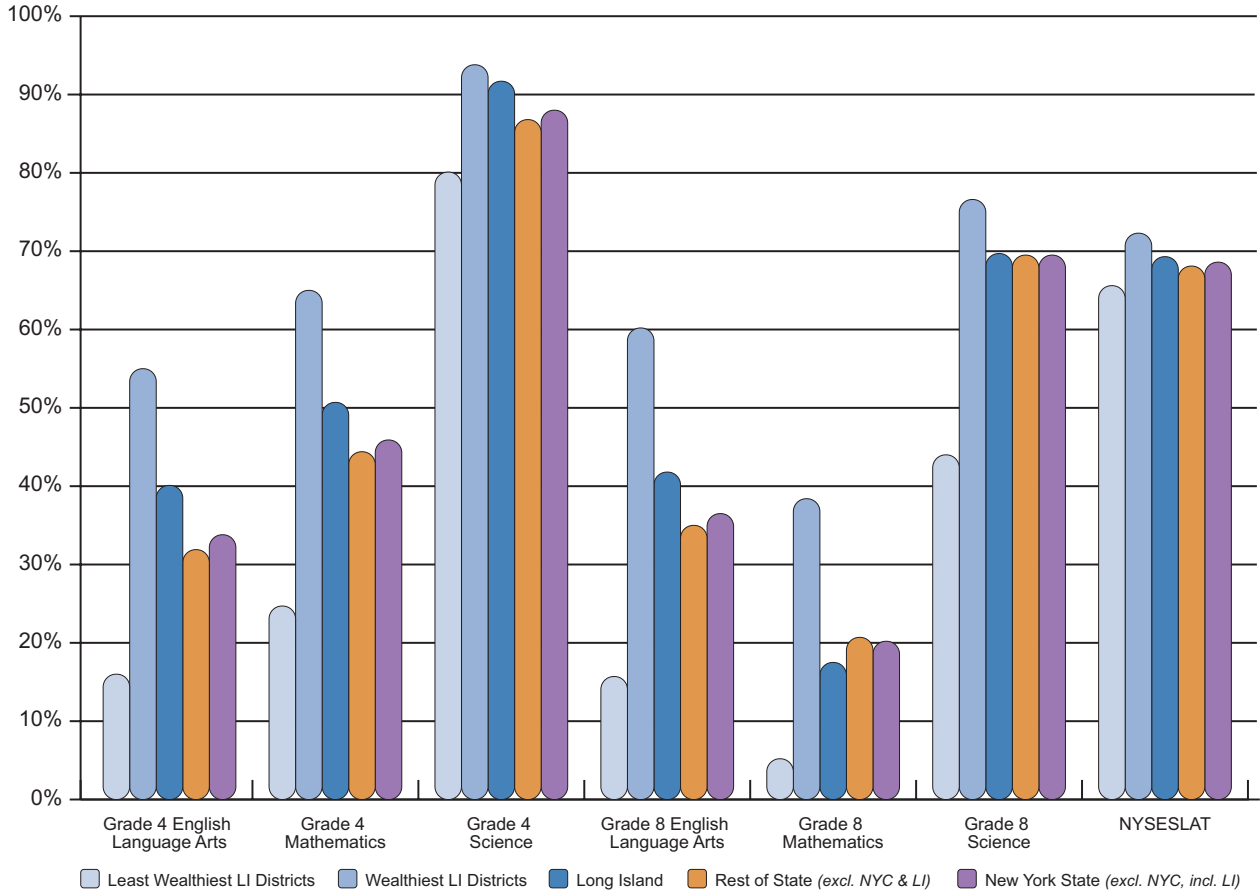
**Source:** New York State Education Department, 2014-15 School Report Card database.

**Key Facts:**

1. Long Island's least wealthy school districts' performance on required assessments, depending on the exam results under study, are anywhere from 7 to nearly 45 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 exams, depending on the exam results under study, are anywhere from 13 to nearly 38 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**

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

<b>Assessment Results – Number of Elementary and Middle Level Students Tested and Percentage Scoring at Levels 3 or 4 (3, 4, or 5 on NYSESLAT)</b>												
	<b>Long Island Least Wealthy Districts</b> (9 districts) Enrollment 61,612		<b>Long Island Wealthiest Districts</b> (9 districts) Total Enrollment 23,171		<b>Rest of State (excl. LI &amp; NYC) Least Wealthy Districts</b> (22 districts) Total Enrollment 144,552		<b>Rest of State (excl. LI &amp; NYC) Wealthiest Districts</b> (22 districts) Total Enrollment 65,320		<b>New York State (excl. NYC, incl. LI) Least Wealthy Districts</b> (32 districts) Total Enrollment 195,411		<b>New York State (excl. NYC, incl. LI) Wealthiest Districts</b> (32 districts) Total Enrollment 96,380	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
Grade 4 English Language Arts	3,344	16.0	1,286	55.0	9,322	13.2	4,334	55.8	12,145	13.5	5,937	58.7
Grade 4 Mathematics	3,270	24.7	1,282	65.0	9,069	20.2	4,208	67.7	11,698	20.5	5,885	70.3
Grade 4 Science	3,818	80.1	1,372	93.8	9,634	69.5	4,660	94.5	12,787	71.4	6,412	95.7
Grade 8 English Language Arts	2,678	15.7	1,302	60.2	8,123	14.7	4,044	59.9	11,905	13.7	5,914	58.9
Grade 8 Mathematics	1,859	5.2*	627	38.4*	6,483	6.7	2,776	53.3**	8,094	6.9	2,912	53.1***
Grade 8 Science	2,069	44.0	509	76.6*	7,973	40.8	2,565	84.1**	9,778	41.7	3,318	85.4***
NYSESLAT	12,738	65.6	1,467	72.3	13,271	57.0**	2,687	78.4**	21,250	60.1***	4,052	74.5***

<b>Regents Exam Results – Number of Students Tested and Percentage Scoring 65+ (3, 4 or 5 on Common Core Exams)</b>												
	<b>Long Island Least Wealthy Districts</b> (9 districts) Enrollment 61,612		<b>Long Island Wealthiest Districts</b> (9 districts) Total Enrollment 23,171		<b>Rest of State (excl. LI &amp; NYC) Least Wealthy Districts</b> (22 districts) Total Enrollment 144,552		<b>Rest of State (excl. LI &amp; NYC) Wealthiest Districts</b> (22 districts) Total Enrollment 65,320		<b>New York State (excl. NYC, incl. LI) Least Wealthy Districts</b> (32 districts) Total Enrollment 195,411		<b>New York State (excl. NYC, incl. LI) Wealthiest Districts</b> (32 districts) Total Enrollment 96,380	
	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>	<b>N</b>	<b>%</b>
English	4,451	80.7	2,204	93.5	9,037	68.6	3,951	94.8	12,239	72.1	7,019	95.0***
Integrated Algebra	3,279	57.6	682	77.6*	7,625	49.4	1,044	67.2	9,642	49.8	2,524	80.5***
Global History and Geography	6,160	63.4	2,320	84.1	14,602	48.9	5,513	89.6	19,388	50.8	8,614	89.5
US History and Government	5,077	80.0	2,445	93.6	10,119	70.9	5,000	95.7	13,868	73.4	8,234	95.5
Living Environment	5,678	70.8	2,619	89.1	12,969	58.8	5,023	92.3	16,988	62.6	8,484	92.8
Earth Science	3,853	61.7	1,929	87.2	7,309	52.3**	3,736	86.3**	10,305	55.0	6,222	89.4***
Common Core English	634	62.8*	232	89.7*	5,753	66.2**	1,436	95.4**	6,676	67.0***	1,343	94.7***
Common Core Algebra I	4,945	45.6	2,161	83.1	10,867	39.6	5,291	83.5	14,695	41.1	8,116	87.2
Common Core Geometry	2,236	46.6	1,860	79.4	4,463	35.4	2,382	83.1**	6,245	41.8***	5,636	83.1***

**Description:** Number tested and percentage of elementary and middle level students on Long Island and in the State who scored at levels 3 or 4 on state assessments and 3, 4, or 5 on the New York English as a Second Language Achievement Test (NYSESLAT), as well as the number tested and percentage of secondary students who scored 65 or above on the New York State Regents, and 3, 4, or 5 on Common Core Regents, 2014-15. The least wealthy school districts are those that serve 1500+ students and also have the lowest Combined Wealth Ratios (CWRs) in the region. The wealthiest districts are those that serve 1500+ students and also have the highest CWR in the region.

\*Long Island least wealthy districts – 8 of 9 reported for Grade 8 Math and Common Core English. Wealthiest districts – 7 of 9 reported for Grade 8 Math; 8 of 9 for Grade 8 Science; 8 for Integrated Algebra; 6 for Common Core English.

\*\*Rest of State least wealthy districts – 14 of 22 reported for NYSESLAT; 21 for Earth Science, 17 for Common Core English. Wealthiest districts – 21 reported for Grade 8 Math; 18 for Grade 8 Science, 20 for NYSESLAT; 21 for Earth Science; 10 for Common Core English; 16 for Common Core Geometry.

\*\*\*New York State least wealthy districts – 18 of 32 reported for NYSESLAT, 23 for Common Core English; 31 for Common Core Geometry. Wealthiest districts – 26 reported for Grade 8 Math; 27 for Grade 8 Science; 27 for NYSESLAT; 31 for English; 31 for Integrated Algebra; 31 for Earth Science; 12 for Common Core English; 28 for Common Core Geometry.

**Source:** New York State Education Department, 2014-15 School Report Card database.

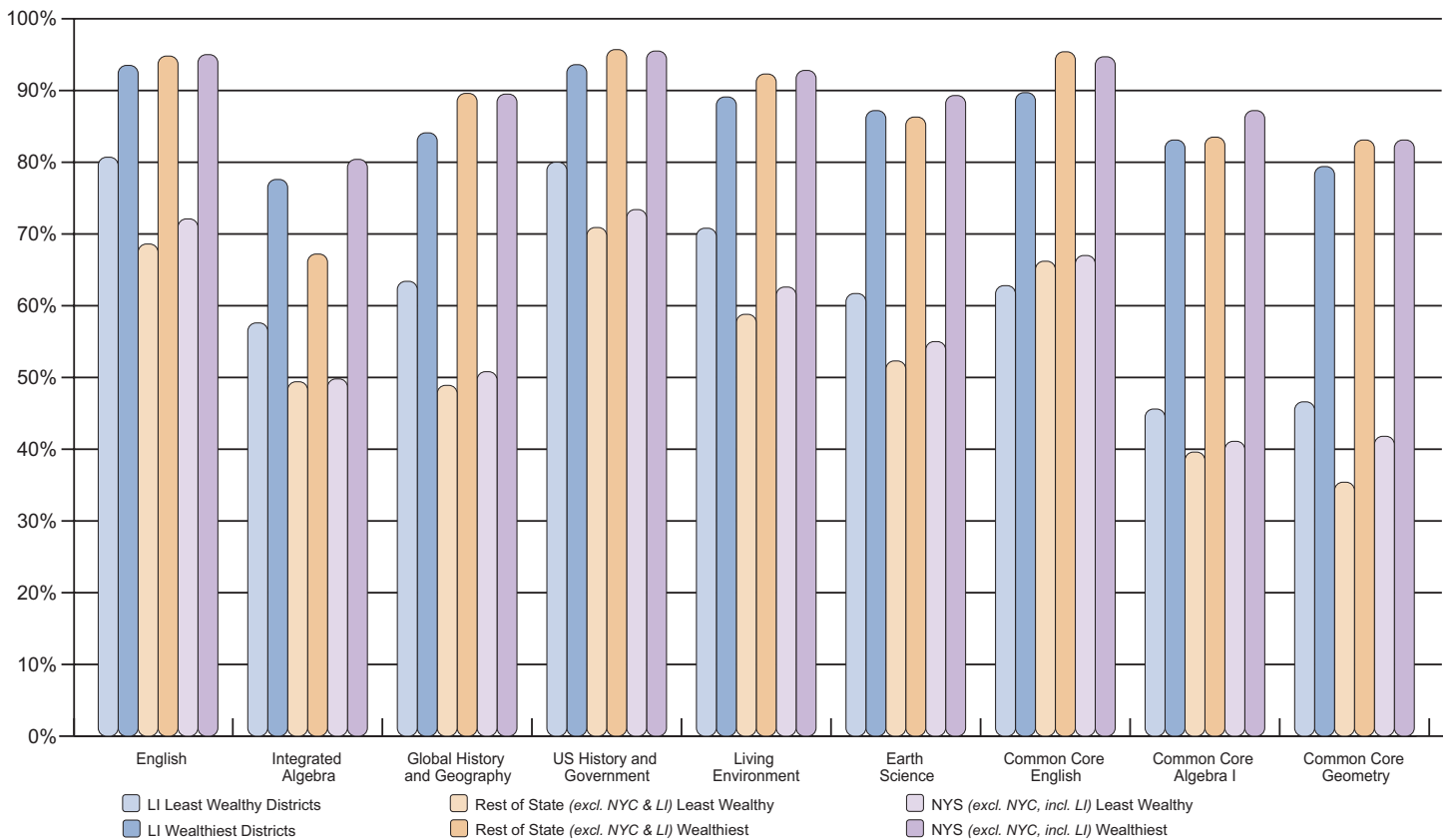
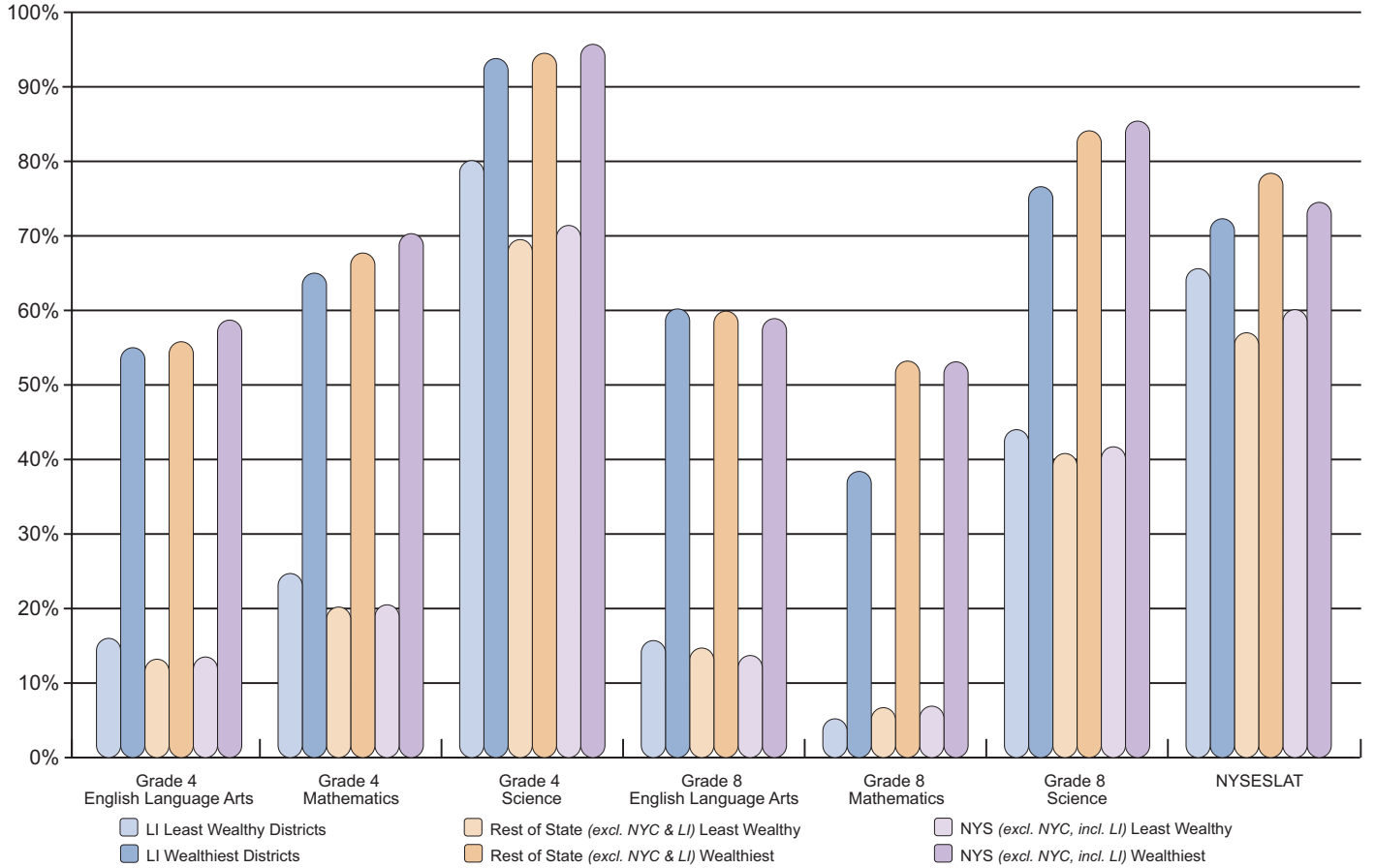
**Key Facts:**

1. New York State’s least wealthy school districts’ performance on required assessments, depending on the exam results under study, are anywhere from 14 to nearly 50 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 22 to over 46 percentage points below the performance of the wealthiest school districts in New York State.
3. The gap between least wealthy and wealthiest districts across New York State is greater than it is on Long Island.



**TABLE 3a** (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 4****New York State's Least Wealthy and Wealthiest School Districts  
Demographic and District Finance Data**

	Long Island Least Wealthy Districts (9 districts)	Long Island Wealthiest Districts (9 districts)	Rest of State (excl. LI & NYC) Least Wealthy Districts (22 districts)	Rest of State (excl. LI & NYC) Wealthiest Districts (22 districts)	New York State (excl. NYC, incl. LI) Least Wealthy Districts (32 districts)	New York State (excl. NYC, incl. LI) Wealthiest Districts (32 districts)
Total Enrollment	61,612	23,171	144,552	65,320	195,411	96,380
Average Enrollment Per School District	6,846	2,575	6,571	2,969	6,107	3,012
Demographics of Students						
% White	16.7	59.8	36.4	67.2	36.5	67.6
% Black	21.2	4.6	36.4	4.6	30.8	3.5
% Hispanic	59.0	19.5	16.4	17.1	23.8	13.7
% Asian/Pacific Islander	1.8	13.9	6.1	8.3	4.9	12.9
% American Indian/ Alaskan	0.3	0.6	1.4	0.1	1.2	0.2
% Multi-Racial	1.0	1.6	3.3	2.7	2.8	2.1
% Free/Reduced Lunch	69.1	22.6	74.5	12.2	72.9	13.3
% English Language Learners (ELL)	21.3	6.5	9.7	4.4	11.4	4.4
% Dropout Rate	3.5	1.9*	6.3	0.8*	5.8	1.0*
State Aid Share (State Aid as % of Total Aid)						
State Aid Share	53.3	5.2	70.1	6.8	68.0	6.0
State Aid with STAR (State Aid & STAR as % of Total Aid)						
State Aid with STAR	58.4	8.4	73.0	14.0	71.2	10.9
Average Per Pupil Expenditure						
Average Per Pupil Expenditure	\$23,395	\$32,033	\$19,178	\$27,980	\$19,222	\$30,498

**Description:** Total and average enrollment, percentage of students by race/ethnicity, Free/Reduced Lunch (FRL) eligibility, English Language Learners (ELL), and Dropout Rate for the least wealthy and the wealthiest districts in New York State in 2014-15. Also, the State Aid Share (State Aid as a percent of Total Aid), the State share with STAR (the total of State Aid and STAR as a percent of Total Aid) and the average per pupil expenditure for the least wealthy and the wealthiest districts.

\*Long Island wealthiest districts – 4 of 9 reported for dropout rate; Rest of State wealthiest districts – 6 of 22 reported for dropout rate; New York State Wealthiest 10 of 32 reported for dropout rate.

**Source:** New York State Education Department, 2014-15 School Report Card database. Fiscal Analysis and Research Unit Fiscal Reporting System, 2013-14.

**Key Facts:****On Long Island:**

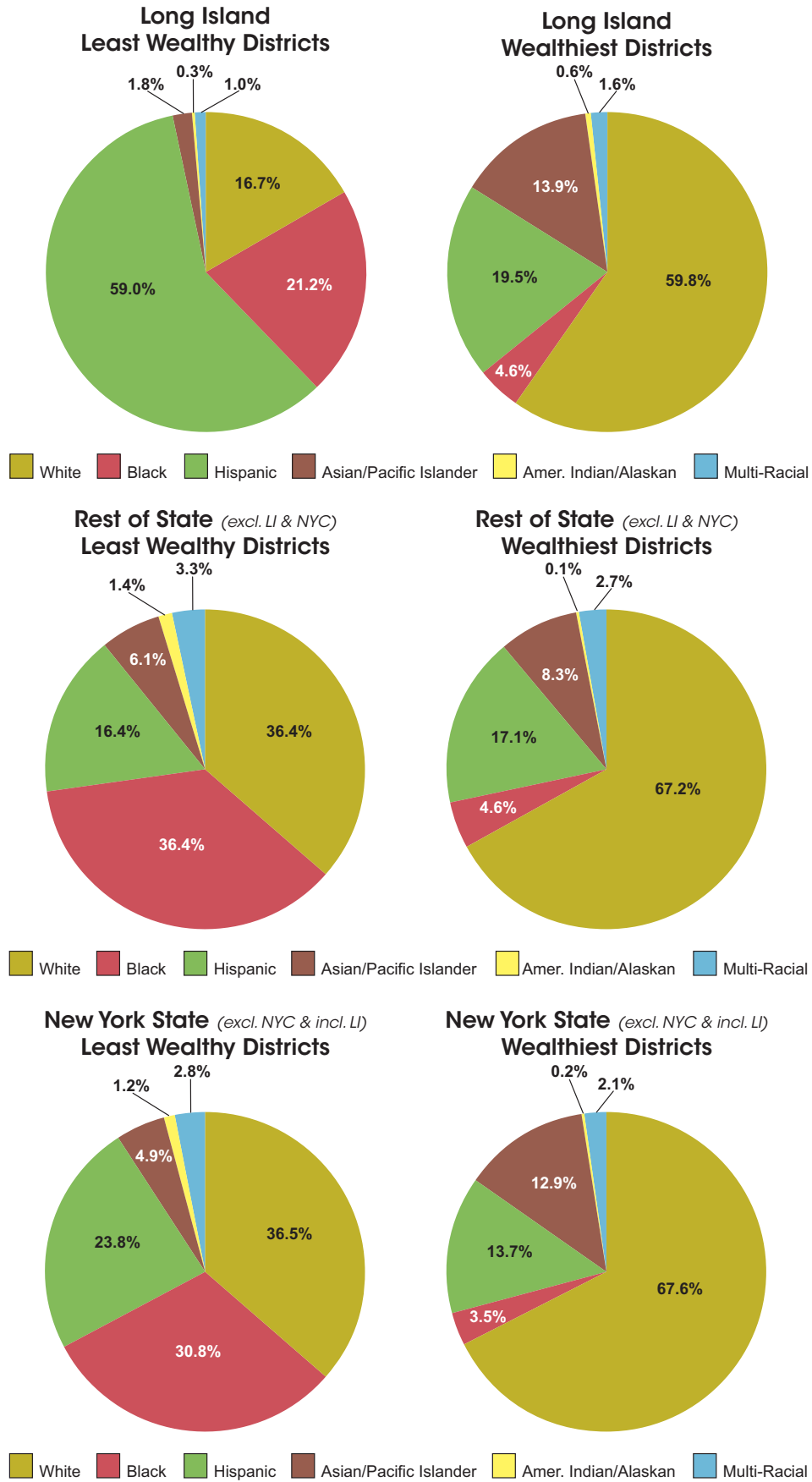
1. There is a significantly higher percentage of minority students (83.3%) in the least wealthy districts than there are in the wealthiest districts (40.2%).
2. On Long Island, there is a significantly higher percentage of students that receive free and reduced price lunch (69.1%) in the least wealthy districts than there are in the wealthiest districts (22.6%).
3. On Long Island, the average enrollment of wealthy districts is significantly smaller (2,575 vs. 6,846) and the average per pupil expenditure is greater (\$32,033 vs. \$23,395).

**Statewide:**

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

**TABLE 4** (cont'd)

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



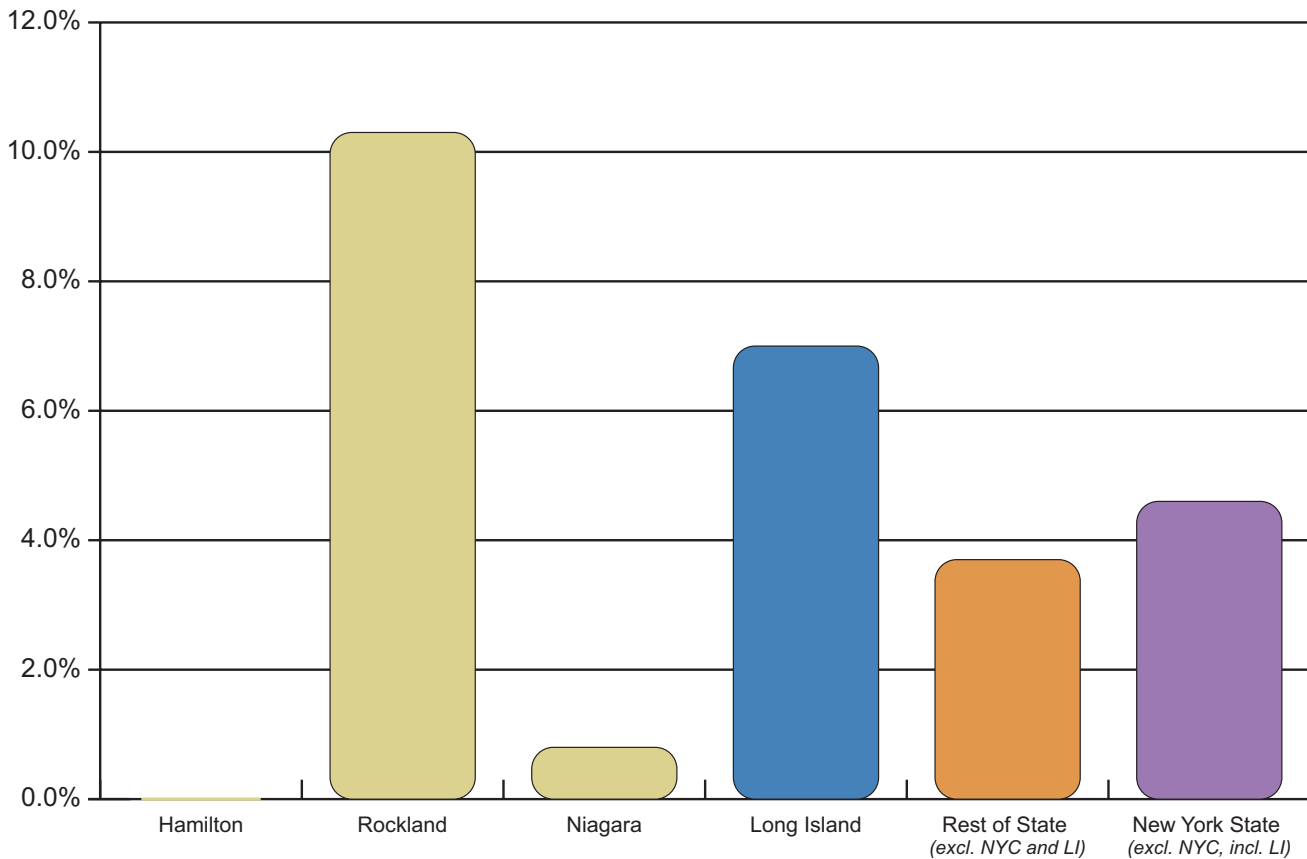
**TABLE 5****Students Classified as English Language Learners (ELLs)  
as a Percentage of Enrollment**

Rank	County/Region	Total Enrollment	% Classified as ELL	
			N	%
1	Hamilton	420	0	0.0
56	Rockland	39,931	4,125	10.3
Median 28	Niagara	28,621	223	0.8
54	Long Island	442,940	31,160	7.0
	Rest of State (excluding NYC and LI)	1,164,248	42,824	3.7
	New York State (excluding NYC, including LI)	1,607,188	73,984	4.6

**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, 2014-15 School Report Card database.

**Key Fact:**

1. The only regions that served greater percentages of ELL students than Long Island (7%) are Westchester County (7.4%), Rockland County (10.3%), and New York City (14.5%).

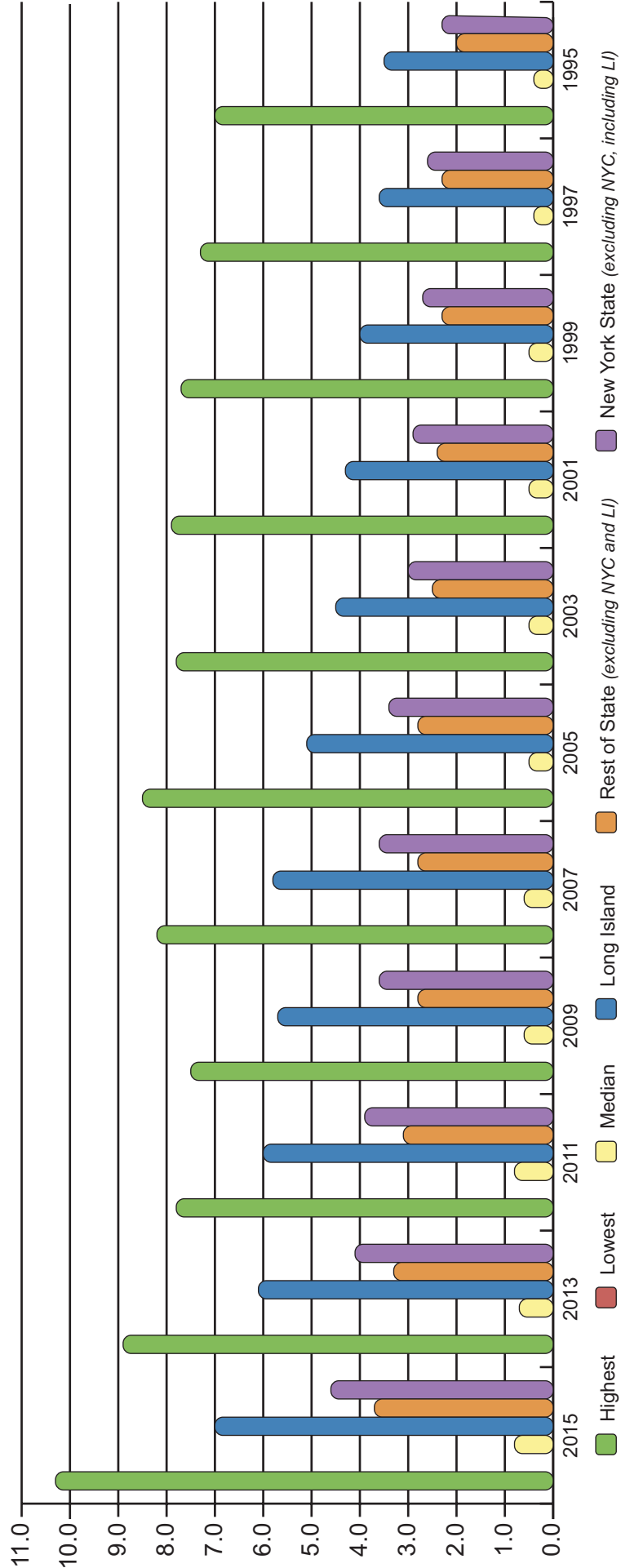
**TABLE 5a**  
**Students Classified as English Language Learners (ELLs) as a Percentage of Enrollment**  
**20-Year Trend**

Long Island	2015	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995
Rank	54	54	54	54	54	54	54	54	54	53	54
Percent	7.0	6.1	6.0	5.7	5.8	5.1	4.5	4.3	4.0	3.6	3.5

**Description:** Number of English Language Learner (ELL) students enrolled in public schools, divided by the total public school enrollment of the region. Rankings closer to 1 indicate smaller percentages of Limited English Proficient students. **For 20-year data points see Appendix H.**

**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).

**Sources:** New York State Education Department, 1994-95, 1996-97, 1998-99 Statistical Profiles of Public School Districts. New York State Education Department, 2000-01, 2002-03, 2004-05, 2006-07, 2008-09, 2010-11, 2012-13, 2014-15 School Report Card database.



**Key Facts:**

1. Over the 20-year period, Long Island has consistently ranked among the top three regions in the state in the highest percentage of ELL students.
2. The percentage of ELL students on Long Island has consistently grown, even with enrollment decreases beginning in 2009.
3. Over the 20-year period, the percentage of ELL students on Long Island exceeds the percentage of ELL students in the rest of the state and New York State (excluding New York City).

**TABLE 6**

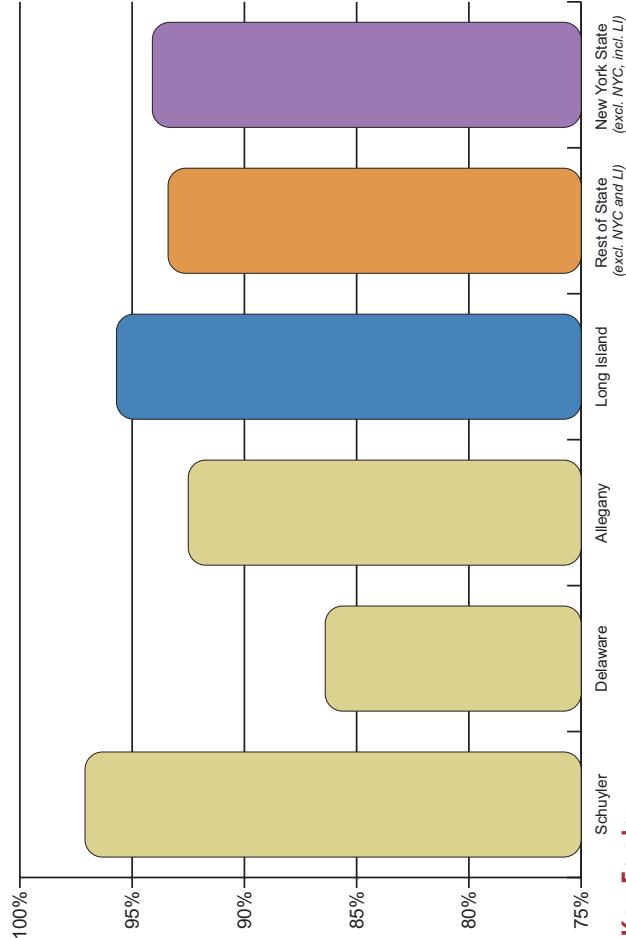
**Percentage of High School Graduates Earning a Regents Diploma with Advanced Designation**

Rank	County/Region	Number of Completers	Earning Regents Diploma	
			N	%
1	Schuyler	137	133	97.1
56	Delaware	440	380	86.4
Median 28	Allegany	468	433	92.5
6	Long Island	34,225	32,747	95.7
	Rest of State (excluding NYC and LI)	83,520	78,005	93.4
	New York State (excluding NYC, including LI)	117,745	110,752	94.1

**Description:** Percentage of 2014-15 high school graduates who satisfied the requirements established by New York State for award of a Regents endorsed diploma. The requirements for awarding the Regents diploma consist of the completion of appropriate credits, coursework, and Regents examinations. The number of completers represents the total number of high school graduates who received diplomas.

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

**Source:** New York State Education Department, 2014-15 School Report Card database.



**Key Facts:**

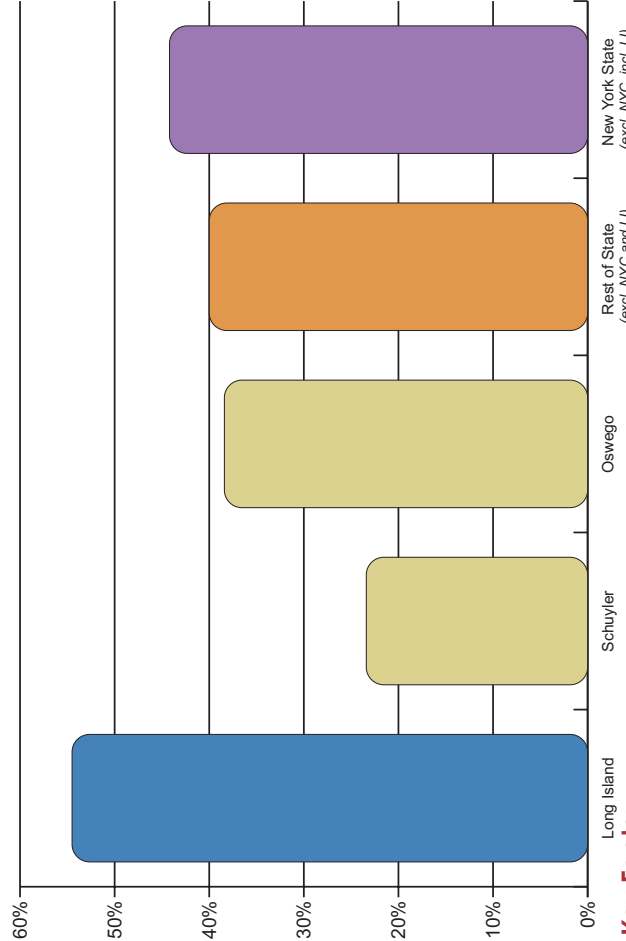
1. Long Island ranked above the statewide median in the percentage of high school students graduating with a Regents diploma.
2. Ten years ago (during the 2004-05 school year), an average of 85.3% of Long Island students graduated with a Regents diploma. In 2014-15, the percentage of Long Island high school graduates who earned a Regents diploma had increased by 10.4 percentage points (95.7%).

Rank	County/Region	Number of Completers	Earning Regents Diploma with Advanced Designation	
			N	%
1	Long Island	34,225	18,650	54.5
56	Schuyler	137	32	23.4
Median 28	Oswego	1,312	504	38.4
	Rest of State (excluding NYC and LI)	83,520	33,395	40.0
	New York State (excluding NYC, including LI)	117,745	52,045	44.2

**Description:** Percentage of 2014-15 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, 2014-15 School Report Card database.



**Key Facts:**

1. Long Island ranked the highest in the percentage of high school students graduating with a Regents Diploma with Advanced Designation.
2. Ten years ago (during the 2004-05 school year), an average of 48.4% of Long Island students graduated with a Regents Diploma with Advanced Designation. In 2014-15, the percentage of high school graduates who earned a Regents Diploma with Advanced Designation had increased by 6.1 percentage points (54.5%).

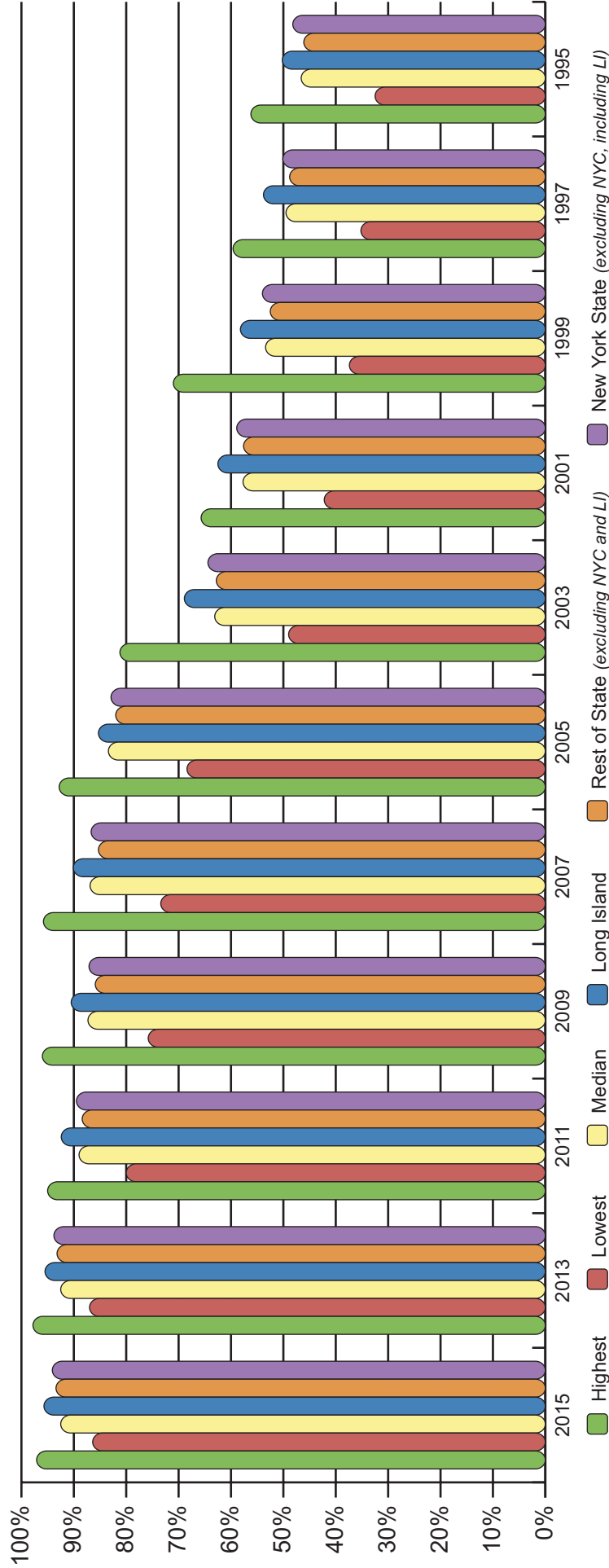
**TABLE 6a**  
**Percentage of High School Graduates Earning a Regents Diploma**  
**20-Year Trend**

	2015	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995
Long Island											
Rank	6	2	6	10	15	17	5	8	12	11	12
Percent	95.7	95.5	92.4	90.5	90.1	85.3	68.9	62.5	58.2	53.8	50.2

**Description:** Percentage of high school graduates who satisfied the requirements established by New York State for award of a Regents endorsed diploma for school years 1994-95, 1996-97, 1998-99, 2000-01, 2002-03, 2004-05, 2006-07, 2008-09, 2010-11, 2012-13, and 2014-15. 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. For 20-year data points see Appendix 1.

**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 the highest (1) to the lowest (56).

**Sources:** New York State Education Department, 1994-95 Statistical Profiles of Public School Districts, 1996-97, 1998-99, 2000-01, 2002-03, 2004-05, 2006-07, 2008-09, 2010-11, 2012-13, 2014-15 School Report Card database.



**Key Facts:**

1. Over the 20-year period, Long Island students have consistently had a higher percentage of high school graduates earning a Regents diploma than the rest of the state.
2. Over the 20-year period, the percentage of Long Island high school graduates earning a Regents diploma has consistently increased.
3. Since 1995, the percentage of Long Island high school graduates has increased by 45.5 percentage points (nearly 91% increase).

**TABLE 7****Percentage of High School Graduates Entering Post-Secondary Education**

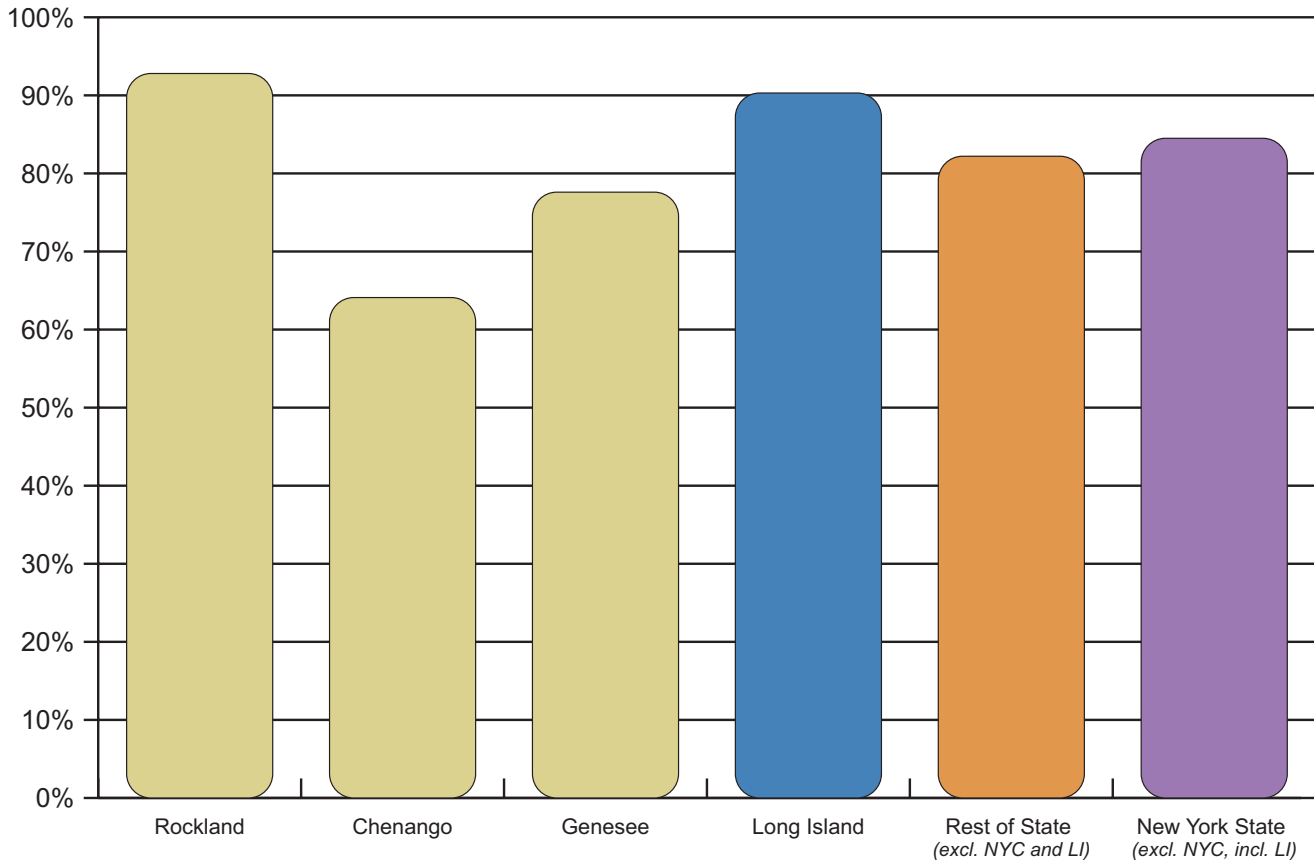
Rank	County/Region	Number of Completers* Reporting	Entering Post-Secondary Education	
			N	%
1	Rockland	3,214	2,983	92.8
56	Chenango	574	368	64.1
Median 28	Genesee	646	501	77.6
2	Long Island	34,732	31,369	90.3
	Rest of State (excluding NYC and LI)	85,378	70,184	82.2
	New York State (excluding NYC, including LI)	120,110	101,553	84.5

**Description:** Percentage of 2014-15 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, 2014-15 School Report Card database.

\*Figures include completers earning Individualized Education Program diplomas.

**Key Fact:**

1. Long Island ranked second in the percentage of graduates (90.3%) planning to enter post-secondary education in 2014-15.



**TABLE 7a**

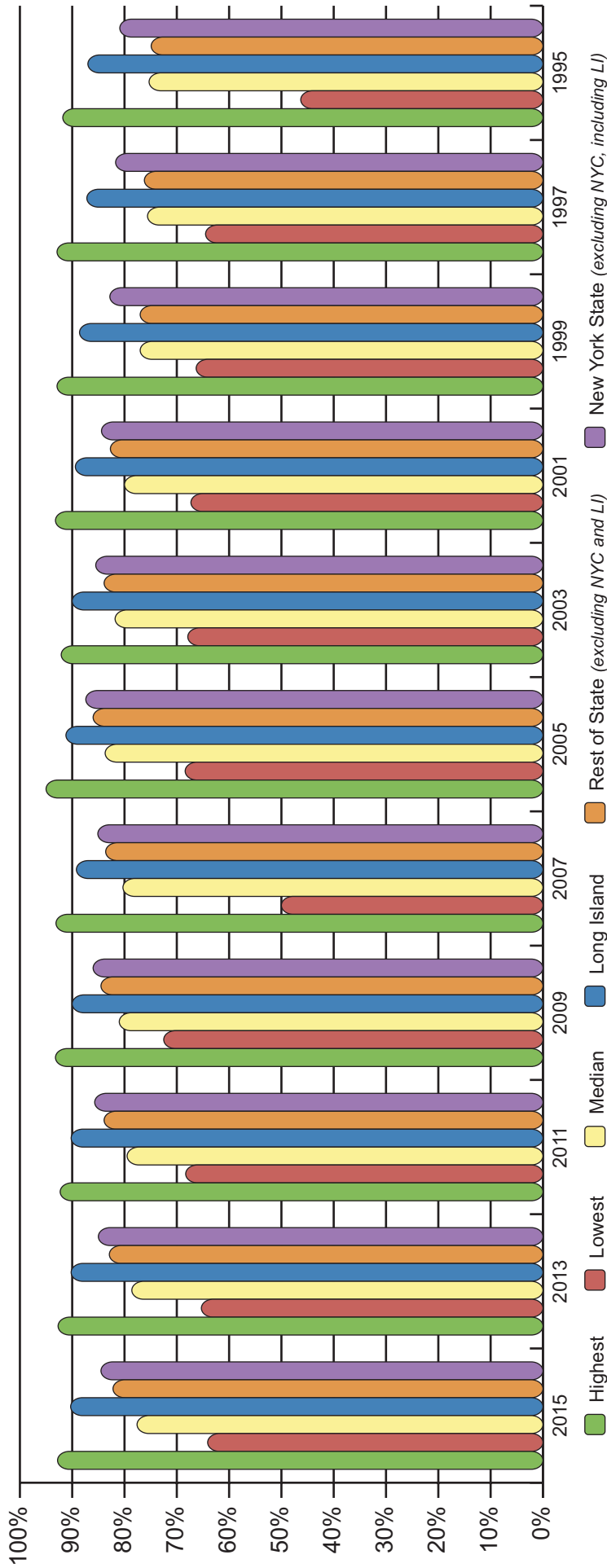
**Percentage of High School Graduates Entering Post-Secondary Education  
20-Year Trend**

	2015	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995
Long Island											
Rank	2	2	3	4	5	2	2	2	4	3	3
Percent	90.3	90.2	90.2	90.0	89.2	91.2	90.0	89.4	88.6	87.2	87.0

**Description:** Percentage of high school graduates entering post-secondary education (4-year, 2-year and other post-secondary education) for school years 1994-95, 1996-97, 1998-99, 2000-01, 2002-03, 2004-05, 2006-07, 2008-09, 2010-11, 2012-13, and 2014-15. The number of completers represents the number of high school graduates who received diplomas.

\*Includes completers earning Individualized Education Program diplomas. For 20-year data points see Appendix J.

**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 the highest (1) to the lowest (56).  
**Sources:** New York State Education Department, 1994-95, 1996-97, 1998-99 Statistical Profiles of Public School Districts. New York State Education Department, 2000-01, 2002-03, 2004-05, 2006-07, 2008-09, 2010-11, 2012-13, 2014-15 School Report Card database.



**Key Facts:**

1. Over the 20-year period, the percentage of high school graduates on Long Island entering post-secondary education has been consistently higher than the percentage of students in the rest of the state.
2. Since 1995, the percentage of Long Island high school graduates planning to enter post-secondary education has increased by 3.3 percentage points (nearly 4% increase).

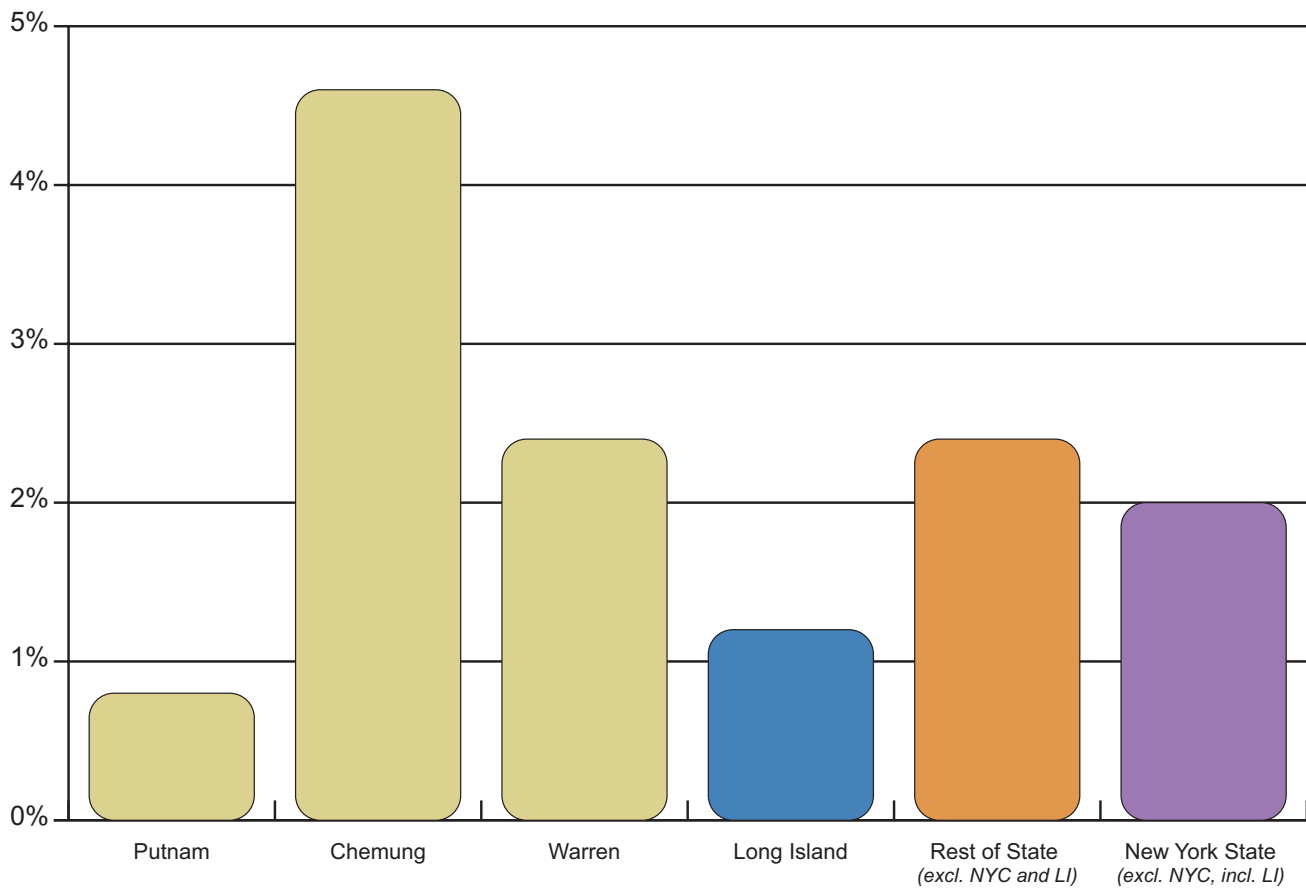
**TABLE 8**  
**Dropout Rate**

Rank	County/Region	Total Enrollment	% Dropout Rate
1	Putnam	14,767	0.8
55	Chemung	11,265	4.6
Median 28	Warren	8,955	2.4
4	Long Island	442,940	1.2
	Rest of State (excluding NYC and LI)	1,164,248	2.4
	New York State (excluding NYC, including LI)	1,607,188	2.0

**Description:** Percentage of students who were recorded by their school districts as having left school in 2014-15 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 (excluding 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, 2014-15 School Report Card database.



**Key Facts:**

1. The percentage of Long Island students reported as dropping out of school (1.2%) was below the statewide median (2.4%) in the 2014-15 school year.
2. According to the New York State Education Department, the dropout rate for Long Island in 2014-15 (1.2%) was lower than its dropout rate of 1.9%, 10 years earlier in 2004-05.

**TABLE 9**

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

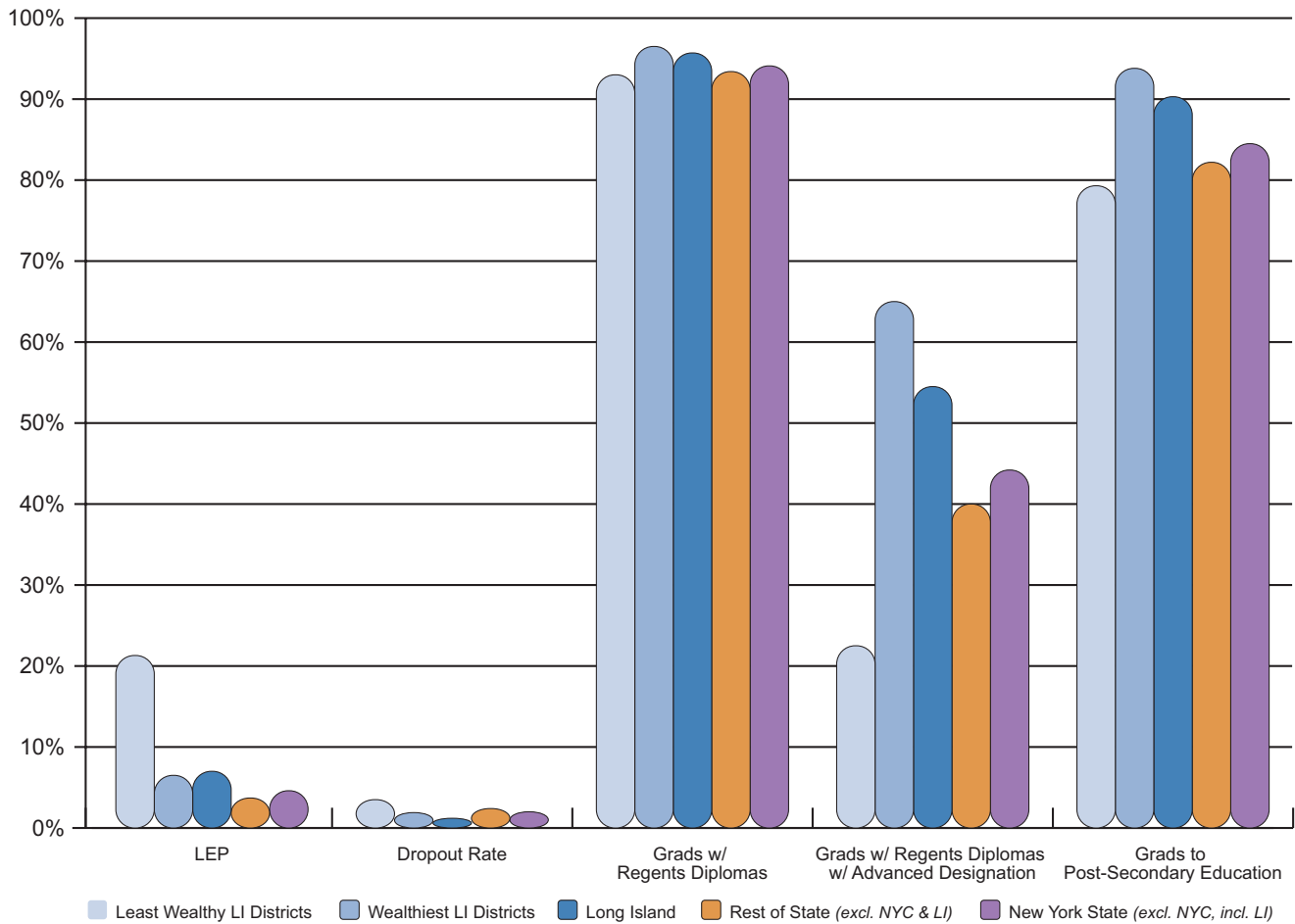
	<b>Least Wealthy Districts</b> (9 districts) Enrollment 61,612	<b>Wealthiest Districts</b> (9 districts) Total Enrollment 23,171	<b>Long Island</b>	<b>Rest of State</b> (excluding NYC and LI)	<b>New York State</b> (excluding NYC, including LI)
% English Language Learners (ELL)	21.3	6.5	7.0	3.7	4.6
% Dropout Rate	3.5	1.9*	1.2	2.4	2.0
% Students Graduating w/ Regents Diploma	93.0	96.5	95.7	93.4	94.1
% Students Graduating w/ Regents Diploma w/ Advanced Designation	22.5	65.0	54.5	40.0	44.2
% Graduates to Post-Secondary Education	79.3	93.8	90.3	82.2	84.5

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

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

\*4 of the 9 wealthiest districts reported data.

Source: New York State Education Department, 2014-15 School Report Card database.



**TABLE 9** (cont'd)

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

**Key Facts:**

1. Long Island's least wealthy districts served a higher percentage of ELL students (21.3%) than Long Island as a whole (7.0%) and, as a group, served the highest percentage of ELL students in the State, when New York City (4.6%) was excluded.
2. The dropout rate in the least wealthy school districts (3.5%) on Long Island was 1.6 percentage points greater than that of the wealthiest districts (1.9%), and 1.5 percentage points greater than New York State (2.0%).
3. The percentage of high school graduates in Long Island's least wealthy school districts earning a Regents diploma in 2014-15 (93.0%) was above the statewide median (92.5%, see Table 6) but significantly below Long Island's wealthiest school districts (96.5%).
4. The percentage of high school graduates in Long Island's least wealthy school districts earning a Regents Diploma with Advanced Designation (22.5%) in 2014-15 was below the State median (38.4%) and well below Long Island's wealthiest school districts (65.0%).
5. Long Island's percentage of graduates entering post-secondary education ranked second highest in the State in 2014-15 (90.3%, see Table 7). However, for this same year, the percentage of students educated in Long Island's least wealthy districts and planning to enter post-secondary education (79.3%) was slightly above the statewide median (77.6%, see Table 7), but more than 14 percentage points below Long Island's wealthiest school districts (93.8%).

**TABLE 10**

**Regional Cost Differences**

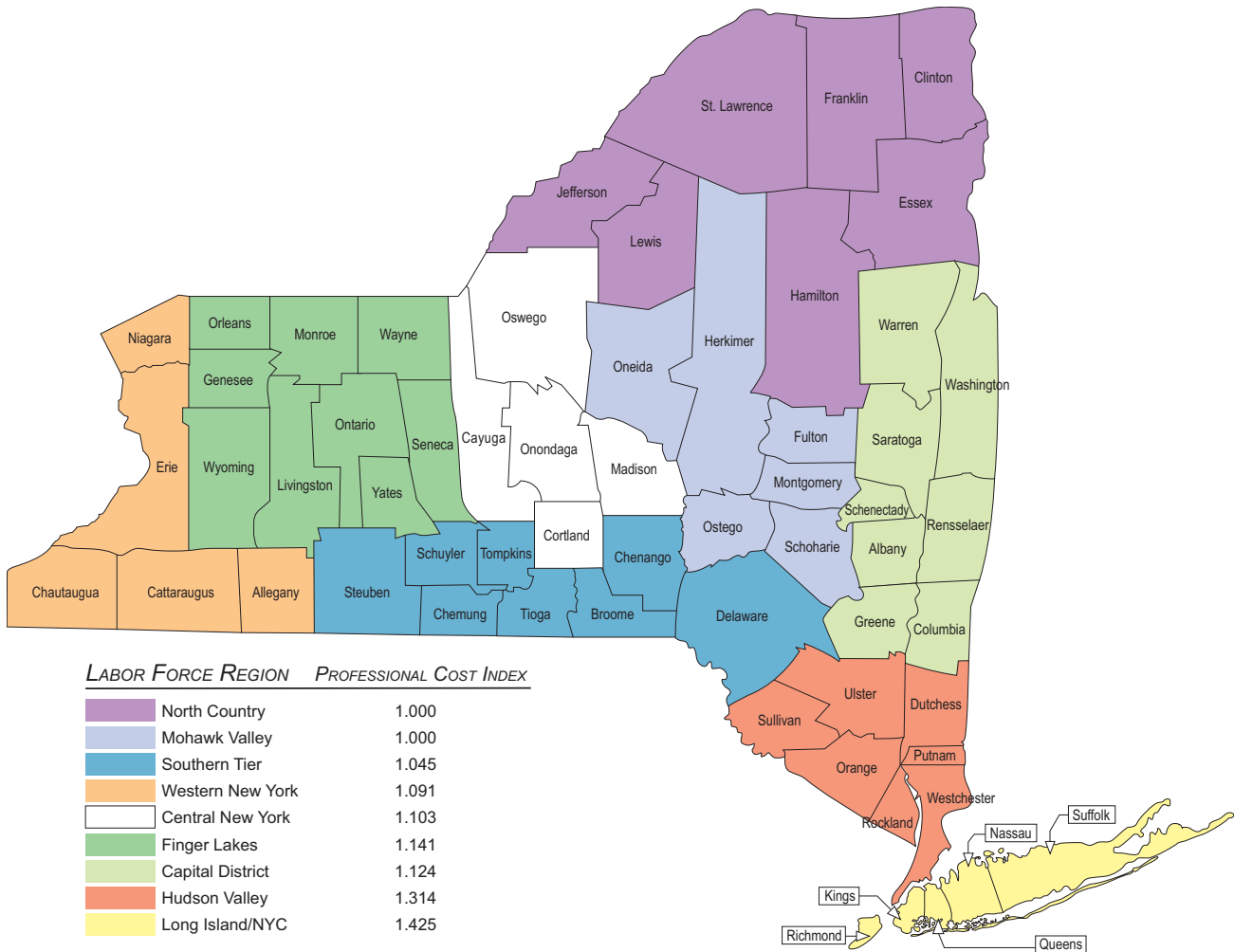
(Based on the Professional Cost Index for New York State Labor Force Regions)

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

**Description:** This table presents cost differences by region as determined by the Professional Cost Index (2014). The Professional Cost Index reflects the professional service costs throughout the nine labor force regions of the State. The Professional Cost Index is based on median hourly wages for non-education professional titles statewide, obtained from the Occupational Employment Survey for New York State. The index begins at 1.00, being the labor force region with the lowest cost.

**Method of Ranking:** The nine Labor Force Regions were ranked by purchasing power using a Professional Cost Index derived from the New York State Education Department, Update to the Regional Cost Index (2014).

**Source:** New York State Education Department, Update to the Regional Cost Index (2014).



**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 11**  
**Comparative School Teacher Wage Data**

Elementary School Teachers' Wage Data			
Region	Entry*	Mean	Experienced**
Long Island	\$68,810	\$98,260	\$112,990
Long Island (wage adj. by NYSED Professional Cost Index)	\$48,288	\$68,954	\$79,291
New York State (including NYC)	\$48,510	\$75,870	\$89,550
New York State (wage adj. by NYSED Professional Cost Index)	\$41,103	\$58,410	\$67,061
Middle School Teachers' Wage Data			
Region	Entry*	Mean	Experienced**
Long Island	\$74,730	\$99,780	\$112,310
Long Island (wage adj. by NYSED Professional Cost Index)	\$52,442	\$70,021	\$78,814
New York State (including NYC)	\$50,380	\$76,530	\$89,600
New York State (wage adj. by NYSED Professional Cost Index)	\$43,778	\$59,491	\$67,348
Secondary School Teachers' Wage Data			
Region	Entry*	Mean	Experienced**
Long Island	\$74,360	\$100,340	\$113,330
Long Island (wage adj. by NYSED Professional Cost Index)	\$52,182	\$70,414	\$79,530
New York State (including NYC)	\$50,690	\$77,750	\$91,280
New York State (wage adj. by NYSED Professional Cost Index)	\$43,665	\$59,726	\$67,755

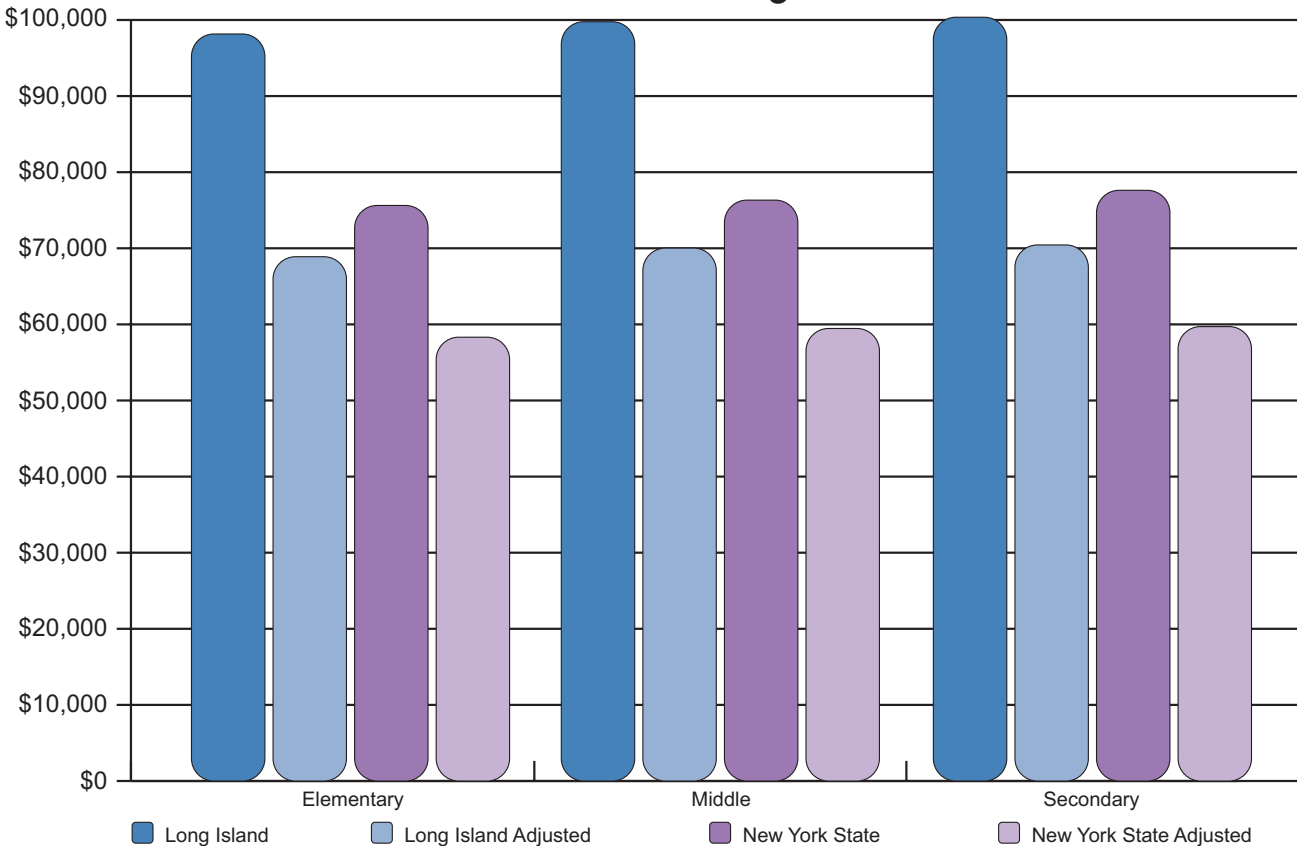
**Description:** Employment and wage data by occupation are based on the Occupational Employment Statistics (OES) survey, which collects information from approximately 52,000 businesses. Data were collected in 2011, 2012, 2013, and 2014, and then updated to the first quarter of 2015 by making cost-of-living adjustments.

\* 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 2015.

**Teacher Mean Wages**



**TABLE 12****Elementary, Middle, and Secondary School Teachers  
Wage Data Compared to Other Long Island Occupations**

Title	Long Island	
	Employment Number	Mean (Average)
Electrical Engineers	1,620	\$107,070
Software Developers, Systems Software	2,450	\$105,540
Management Analysts	3,280	\$102,870
Information Security Analysts	350	\$101,770
Special Education Teachers, Secondary School	3,230	\$100,730
Legal Occupations	11,180	\$100,380
Secondary School Teachers, Except Special and Career/Technical Education	12,560	\$100,340
Middle School Teachers, Except Special and Career/Technical Education	6,270	\$99,780
Police and Sheriff's Patrol Officers	5,190	\$98,690
Elementary School Teachers, Except Special Education	11,700	\$98,260
Special Education Teachers, Middle School	1,520	\$98,220
Securities, Commodities, and Financial Services Sales Agents	3,570	\$97,300
Mechanical Engineers	1,520	\$95,280
Career/Technical Education Teachers, Secondary School	660	\$94,680
Health Care Practitioners and Technical Occupations	80,180	\$94,400
Civil Engineers	1,630	\$92,270
Physical Therapists	3,100	\$88,930
Accountants and Auditors	12,180	\$88,480
Special Education Teachers, Kindergarten and Elementary School	2,970	\$87,570
Plumbers, Pipefitters, and Steamfitters	5,400	\$83,240
Registered Nurses	24,550	\$82,070
Insurance Underwriters	1,130	\$77,260
Web Developers	540	\$73,920
Special Education Teachers, Preschool	930	\$70,610
Electricians	5,870	\$66,500
Heavy and Tractor-Trailer Truck Drivers	8,810	\$56,680
Chefs and Head Cooks	1,580	\$53,770
Graphic Designers	1,840	\$49,340
Teacher Assistants	21,020	\$29,760

**Description:** Employment and wage data by occupation are based on the Occupational Employment Statistics (OES) survey, which collects information from approximately 52,000 businesses. Data were collected in 2011, 2012, 2013, and 2014, and then updated to the first quarter of 2015 by making cost-of-living adjustments.

**Source:** NYS Department of Labor, updated the first quarter of 2015.

**Key Fact:**

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

**TABLE 13**

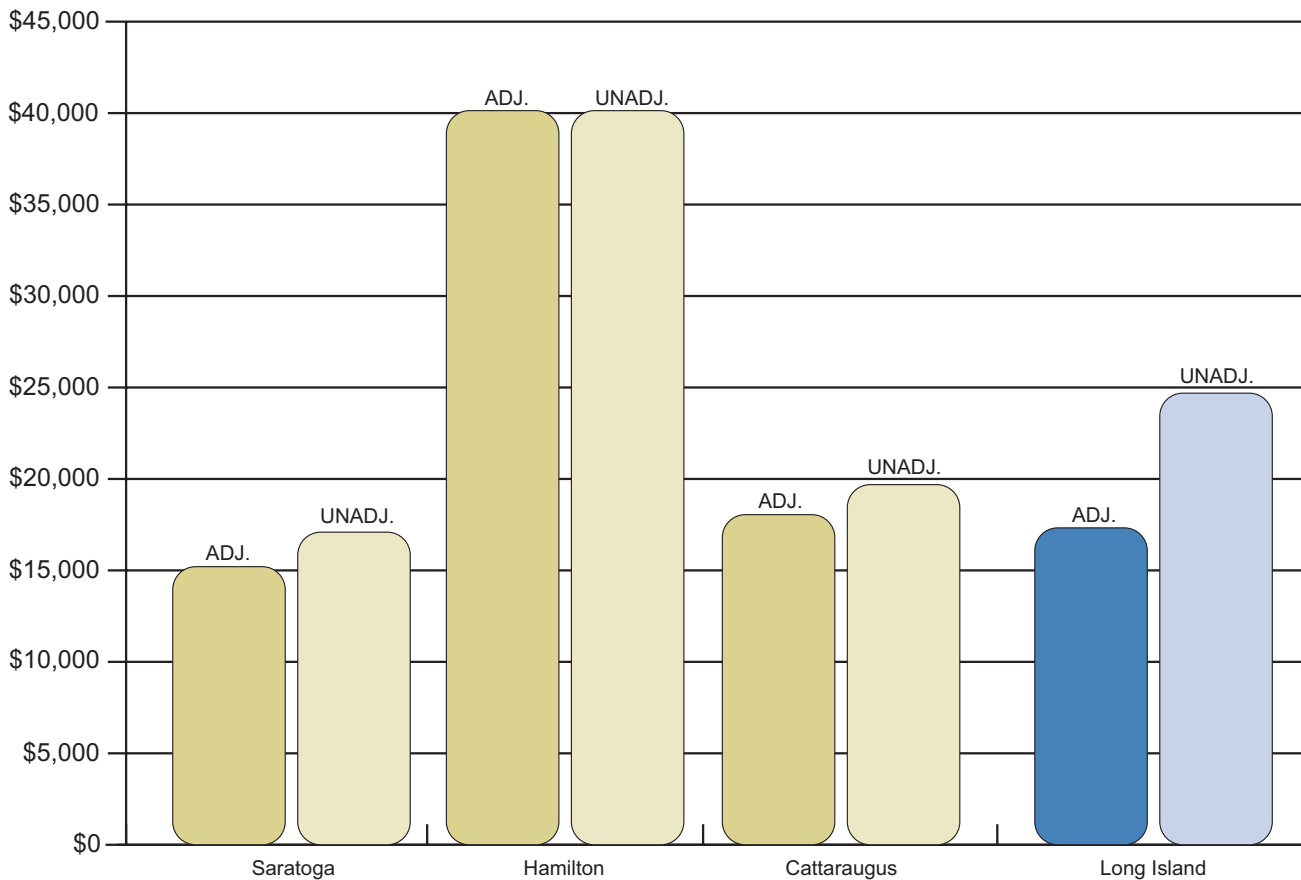
**Regionally Adjusted Per Pupil Expenditures**

Rank Adjusted	County/Region	2013-14 Enrollment	Per Pupil Expenditures Adjusted
1 (2-unadj.)	Saratoga	34,114	\$15,204 (\$17,090 unadj.)
56 (56-unadj.)	Hamilton	423	\$40,134 (\$40,134 unadj.)
Median 28 (22-unadj.)	Cattaraugus	12,829	\$18,047 (\$19,689 unadj.)
19 (50-unadj.)	Long Island	443,026	\$17,326 (\$24,689 unadj.)

**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 (2014).

**Source:** New York State Education Department, Fiscal Analysis Research Unit, 2013-14. New York State Education Department, Update to the Regional Cost Index (2014).



**Key Facts:**

1. Regionally adjusted per pupil expense by county in New York State ranged from a low of \$15,204 in Saratoga County, to a high of \$40,134 in Hamilton County.
2. Long Island’s regionally adjusted per pupil expenditure (\$17,326) ranked 19th among the State’s 56 counties/regions.
3. Long Island’s regionally adjusted per pupil expense was 4.2% below the regionally adjusted pupil expenditure of the county at the statewide median.



**TABLE 14**

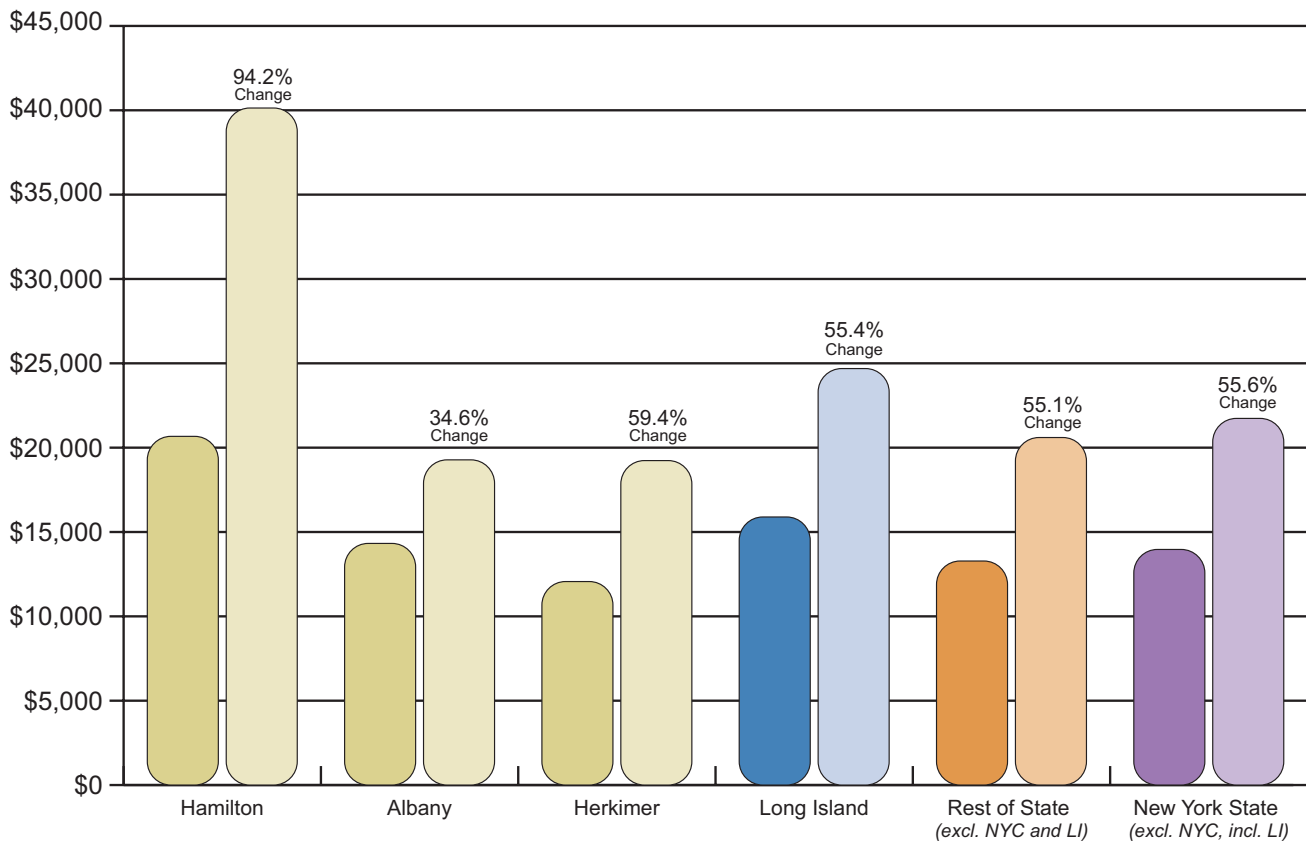
**Percent Change in Per Pupil Expenditures 2003-04 to 2013-14**

Rank	County/Region	Per Pupil Expenditures 2003-04	Per Pupil Expenditures 2013-14	% Change
1	Hamilton	\$20,670	\$40,134	94.2
56	Albany	\$14,323	\$19,277	34.6
Median 28	Herkimer	\$12,063	\$19,234	59.4
35	Long Island	\$15,891	\$24,689	55.4
	Rest of State (excluding NYC and LI)	\$13,280	\$20,601	55.1
	New York State (excluding NYC, including LI)	\$13,966	\$21,734	55.6

**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 2003-04 to 2013-14.

**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, 2013-14. NYSED Statistical Profiles of Public School Districts, 2003-04.



**Key Facts:**

1. Long Island was the 35th lowest of 56 counties/regions in overall percentage increase in per pupil expenditures for this 10-year period.
2. Long Island averaged a 5.54 percentage point increase per year in per pupil expenditures over the past 10 years. The annual average percentage point increase for counties/regions at the median was 5.94 percentage points.
3. Hamilton, the county showing the highest percentage increase in per pupil expenditures during this 10-year period, averaged an increase of 9.42 percentage points annually.

**TABLE 15**

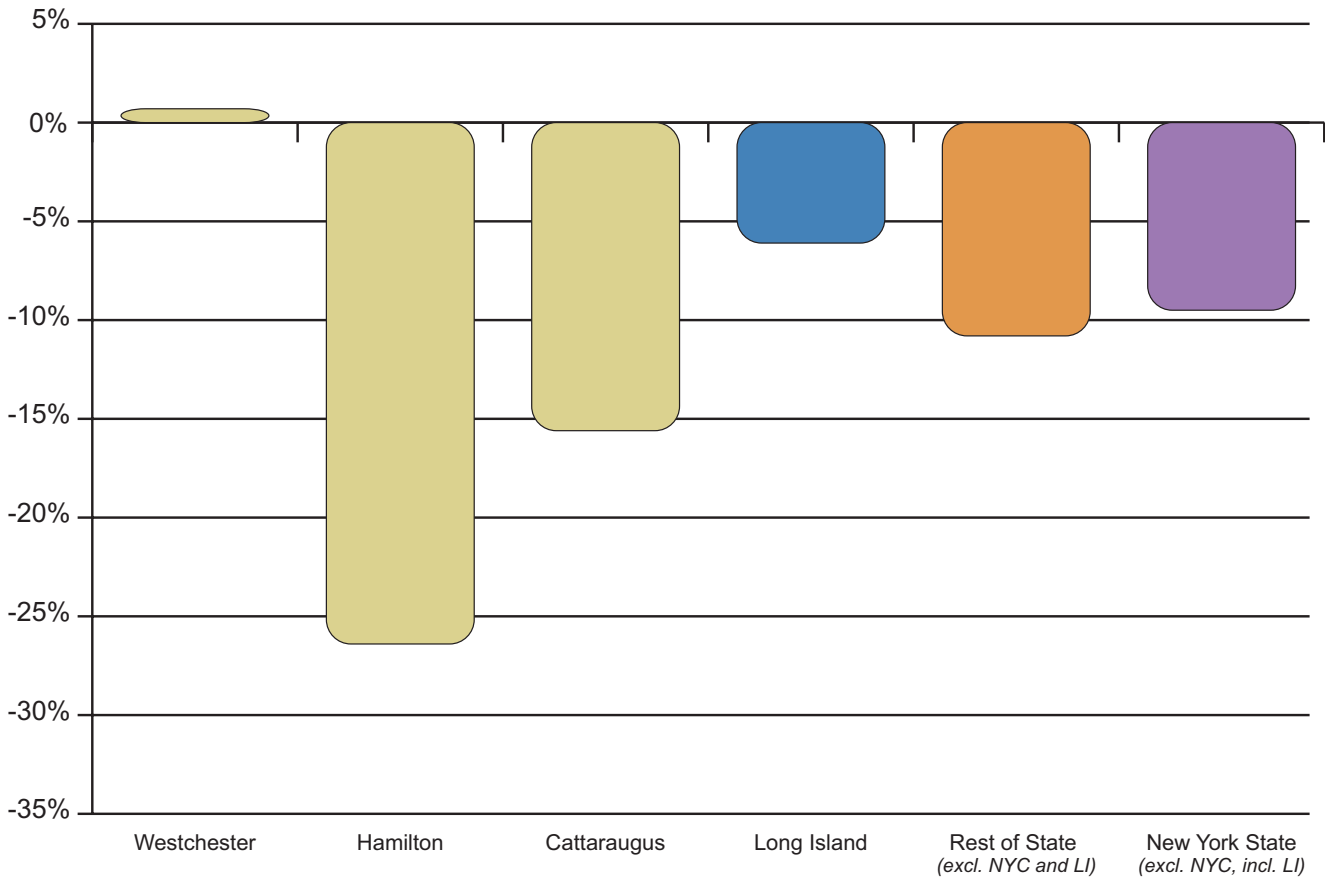
**Percent Change in Student Enrollment 2004-05 to 2014-15**

Rank	County/Region	Enrollment 2004-05	Enrollment 2014-15	% Change
1	Westchester	146,269	147,294	0.7
56	Hamilton	571	420	-26.4
Median 28	Cattaraugus	15,236	12,856	-15.6
7	Long Island	471,333	442,940	-6.1
	Rest of State (excluding NYC and LI)	1,304,586	1,164,248	-10.8
	New York State (excluding NYC, including LI)	1,776,530	1,607,188	-9.5

**Description:** Percent change in student enrollment for the years 2004-05 to 2014-15.

**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, 2004-05 and 2014-15 School Report Card database.



**Key Facts:**

1. Long Island ranked seventh in percentage change in enrollment compared to the other 55 counties in the State over the past decade (2004-05 to 2014-15).
2. Long Island continues to experience a decline in student enrollment. However, student enrollment declines in 49 other counties (88%) outpace the decline on Long Island.
3. With a student enrollment of 442,940, Long Island educated 17.3% of the State's total 2014-15 student enrollment.

**TABLE 16**

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

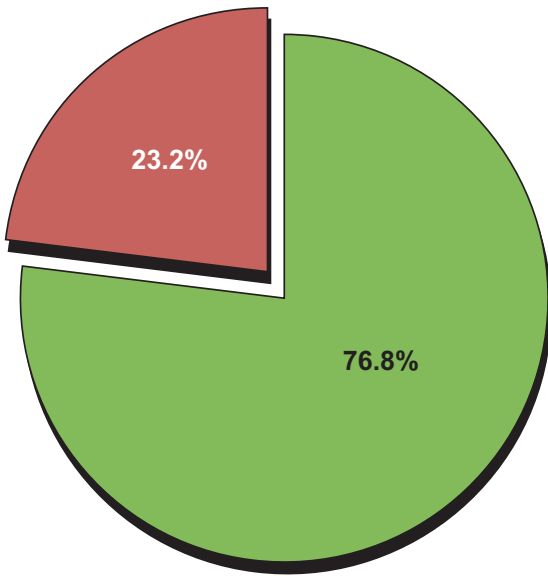
Rank	County/Region	Enrollment (2013-14)	% of School District Revenue (2013-14)
1	Allegheny	6,525	68.2
56	Hamilton	423	16.6
Median 28	Niagara	28,722	51.9
52	Long Island	443,026	23.2
	Rest of State (excluding NYC and LI)	1,155,734	40.9
	New York State (excluding NYC, including LI)	1,598,760	35.3

**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.

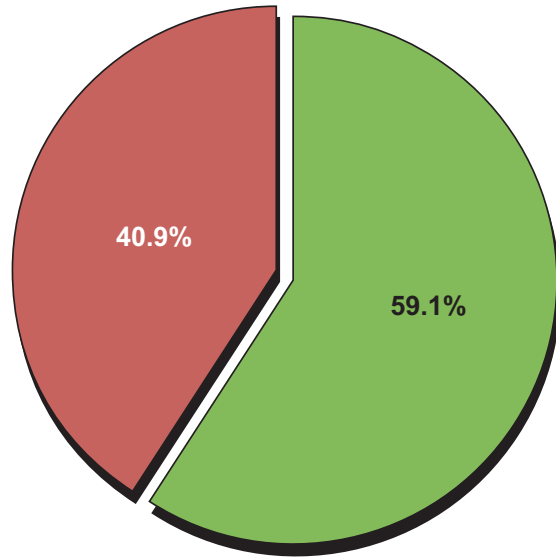
**Method of Ranking:** Long Island was compared to the other 55 counties in New York State (excluding New York City) by ranking the percentage of state aid revenue from lowest (1) to highest (56).



**Sources:** New York State Education Department Fiscal Analysis and Research Unit 2013-14. New York State Education Department 2013-14 School Report Card database.



**Long Island**



**Rest of State**



 % State Aid     % Property Tax Levy/Other

 % State Aid     % Property Tax Levy/Other

**Key Fact:**

1. The State share of school district revenues on Long Island (23.2%) continues to be among the five lowest in the State along with Putnam (20.9%), Rockland (18.8%), Westchester (17.1%), and Hamilton (16.6%) counties.

**TABLE 16a**

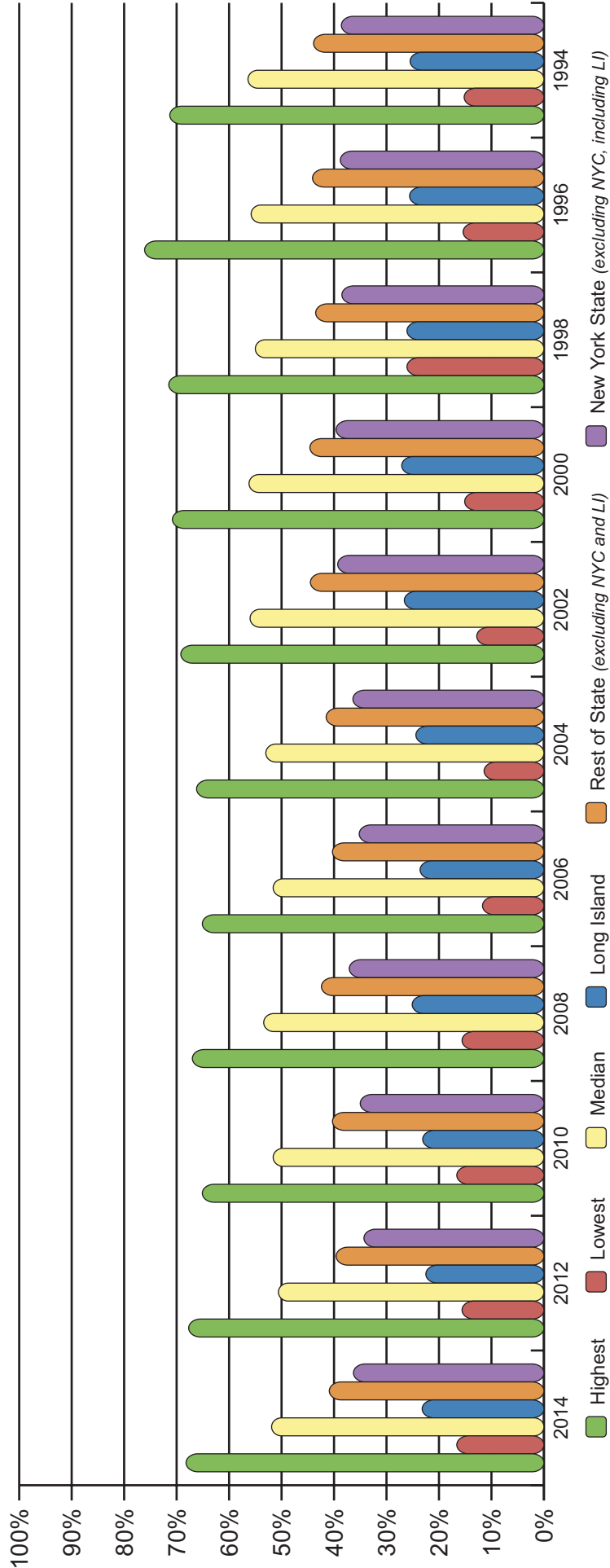
**State Aid as a Percentage of School District Revenues by County/Region  
20-Year Trend**

	2014	2012	2010	2008	2006	2004	2002	2000	1998	1996	1994
Long Island											
Rank	52	52	52	52	52	52	52	52	56	52	52
Percent	23.2	22.5	23.1	25.1	23.6	24.4	26.6	27.1	26.1	25.6	25.5

**Description:** Percentage of school districts' total revenues coming from state aid in 55 NYS counties and Long Island for school years 1993-94, 1995-96, 1997-98, 1999-00, 2001-02, 2003-04, 2005-06, 2007-08, 2009-10, 2011-12, and 2013-14. The state aid calculated excludes STAR revenue, and revenues from the State for school tax relief payments. For 20-year data points see Appendix K.

**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, Fiscal Analysis and Research Unit, 1993-94, 1995-96, 1997-98, 1999-00, 2001-02, 2003-04, 2005-06, 2007-08, 2009-10, 2011-12, and 2013-14.



**Key Fact:**

1. Over the 20-year period, the State share of school district revenues on Long Island has consistently been at or below 27.1%, which is well below the region at the median.

**TABLE 17**

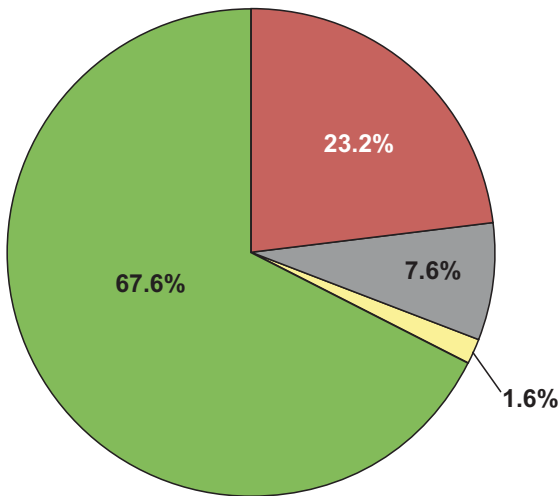
**School District Revenues and STAR Subsidies**

	State Aid Receipts	STAR Subsidy Receipts	Total Receipts from State	Federal Aid Receipts	Property Tax Levy & Other Revenue	Total Revenue
<b>Long Island</b>	\$2,644,989,898	\$861,651,832	\$3,506,641,730	\$184,934,522	\$7,707,299,021	\$11,398,875,273
% of Total Revenue	23.2%	7.6%	30.8%	1.6%	67.6%	
<b>New York City</b>	\$8,653,416,378	\$837,640,513	\$9,491,056,891	\$1,382,272,544	\$12,862,015,026	\$23,735,344,461
% of Total Revenue	36.5%	3.5%	40.0%	5.8%	54.2%	
<b>New York State (including NYC and LI)</b>	\$21,538,419,763	\$3,351,131,872	\$24,889,551,635	\$2,524,366,388	\$32,774,027,036	\$60,187,945,059
% of Total Revenue	35.8%	5.6%	41.4%	4.2%	54.5%	
<b>Rest of State (excluding NYC and LI)</b>	\$10,240,013,487	\$1,651,839,527	\$11,891,853,014	\$957,159,322	\$12,204,712,989	\$25,053,725,325
% of Total Revenue	40.9%	6.6%	47.5%	3.8%	48.7%	
<b>New York State (excluding NYC, but including LI)</b>	\$12,885,003,385	\$2,513,491,359	\$15,398,494,744	\$1,142,093,844	\$19,912,012,010	\$36,452,600,598
% of Total Revenue	35.3%	6.9%	42.2%	3.1%	54.6%	

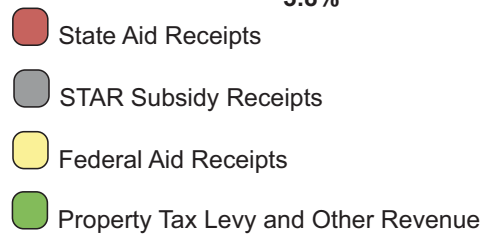
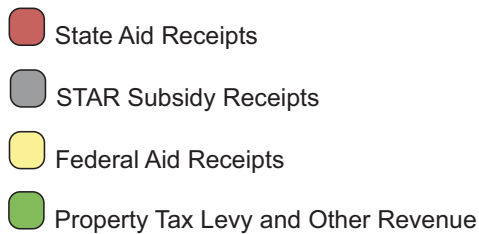
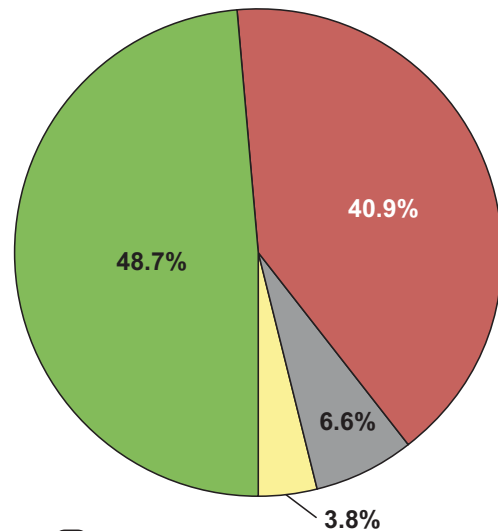
**Description:** State Aid Receipts + STAR Subsidy Receipts = Total Receipts from State. Total Revenue = Total Receipts from State + Federal Aid Receipts + Property Tax Levy and Other Revenue.

**Source:** New York State Education Department Fiscal Analysis and Research Unit, 2013-14.

**Long Island**



**Rest of State**



**TABLE 17** (cont'd)  
**School District Revenues and STAR Subsidies**

**Key Facts:**

1. STAR subsidies to certain residential property owners on Long Island amounted to over \$861 million. If the STAR subsidies were paid directly to school districts in the form of state aid and used in its entirety as a revenue by school districts, the amount of funds that Long Island school districts needed to raise from local property taxes and other revenues would have decreased by 11%. STAR subsidies provide no school tax relief for commercial property owners.
2. The State share of funding on Long Island is 23.2% (excluding STAR). State aid, however, funds 40.9% of school revenues in the rest of the State (excluding STAR).
3. When New York City is included, the share of state aid directed to Long Island (12.3%) is less than the percentage of the State's students being educated on Long Island (17.3%) (\$2.6 million v. \$21.5 million).
4. Property tax levy and other revenue provide 67.6% of school district revenues to Long Island compared to 48.7% in the rest of the state.

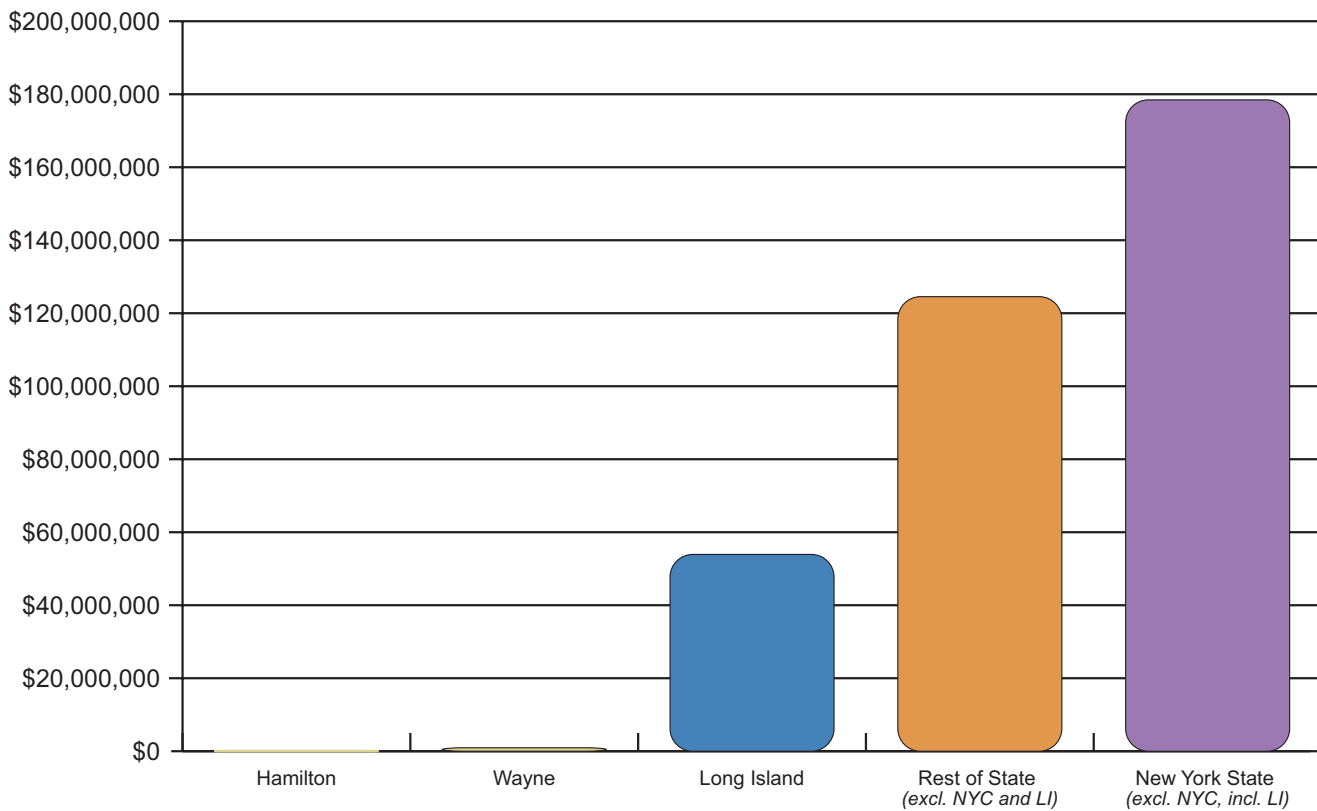
**TABLE 18**  
**Annual Taxable Sales and Purchases**

Rank	County/Region	Annual Taxable Sales (reported in thousands)
1	Hamilton	\$82,869
56	Long Island	\$53,914,147
Median 28	Wayne	\$951,267
	Nassau	\$25,258,301
	Suffolk	\$28,655,846
	Rest of State (excluding NYC and LI)	\$124,540,060
	New York State (excluding NYC, including LI)	\$178,454,207

**Description:** Total annual sales and purchase statistics for the year between March 2012 and February 2013 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. Annual Statistical Report: Taxable Sales and Purchases, County and Industry Data for March 2012-February 2013.



**Key Facts:**

1. Long Island ranks as the highest region in the State in annual taxable sales and purchases.
2. Nassau County and Suffolk County's annual taxable sales and purchases were 26 and 30 times more than the median county in the State.
3. Long Island accounted for 30% of the annual taxable sales in the State (excluding New York City).
4. Long Island's annual sales and purchases generated over \$2.1 billion in State revenues.

**TABLE 18a**  
**Percent of Annual Taxable Sales and Purchases**  
**20-Year Trend**

	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995	1993
Long Island percent of annual taxable sales in the State (excl. NYC)	30.2	29.4	30.1	31.1	30.8	29.6	29.0	29.2	28.5	28.1	27.5
Times more than the county at median											
Nassau	26.6	25.5	24.4	26.7	25.9	26.2	25.5	25.6	25.0	24.7	23.9
Suffolk	30.1	28.4	29.2	32.0	30.5	27.7	25.9	26.5	24.8	24.4	23.5

**Description:** The total annual sales and purchase statistics for the year between March and February of 1992 and 1993, 1994 and 1995, 1996 and 1997, 1998 and 1999, 2000 and 2001, 2002 and 2003, 2004 and 2005, 2006 and 2007, 2008 and 2009, 2010 and 2011, 2012 and 2013, on Long Island, compared to the other 55 counties (excluding New York City). For 20-year data points see Appendix L.

**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 annual taxable sales and purchases from lowest (1) to highest (56).

**Sources:** New York State Department of Taxation and Finance, Annual Statistical Report: Taxable Sales and Purchases, County and Industry Data for the year between March and February of 1992 and 1993, 1994 and 1995, 1996 and 1997, 1998 and 1999, 2000 and 2001, 2002 and 2003, 2004 and 2005, 2006 and 2007, 2008 and 2009, 2010 and 2011, 2012 and 2013.

**Key Facts:**

1. For the past 20 years, Long Island as a region has consistently ranked as the highest region in the State in the percentage of annual taxable sales and purchases.
2. Over the 20-year period, both Long Island counties have increased in the number of times more than the county at the median in percentage of annual taxable sales and purchases.



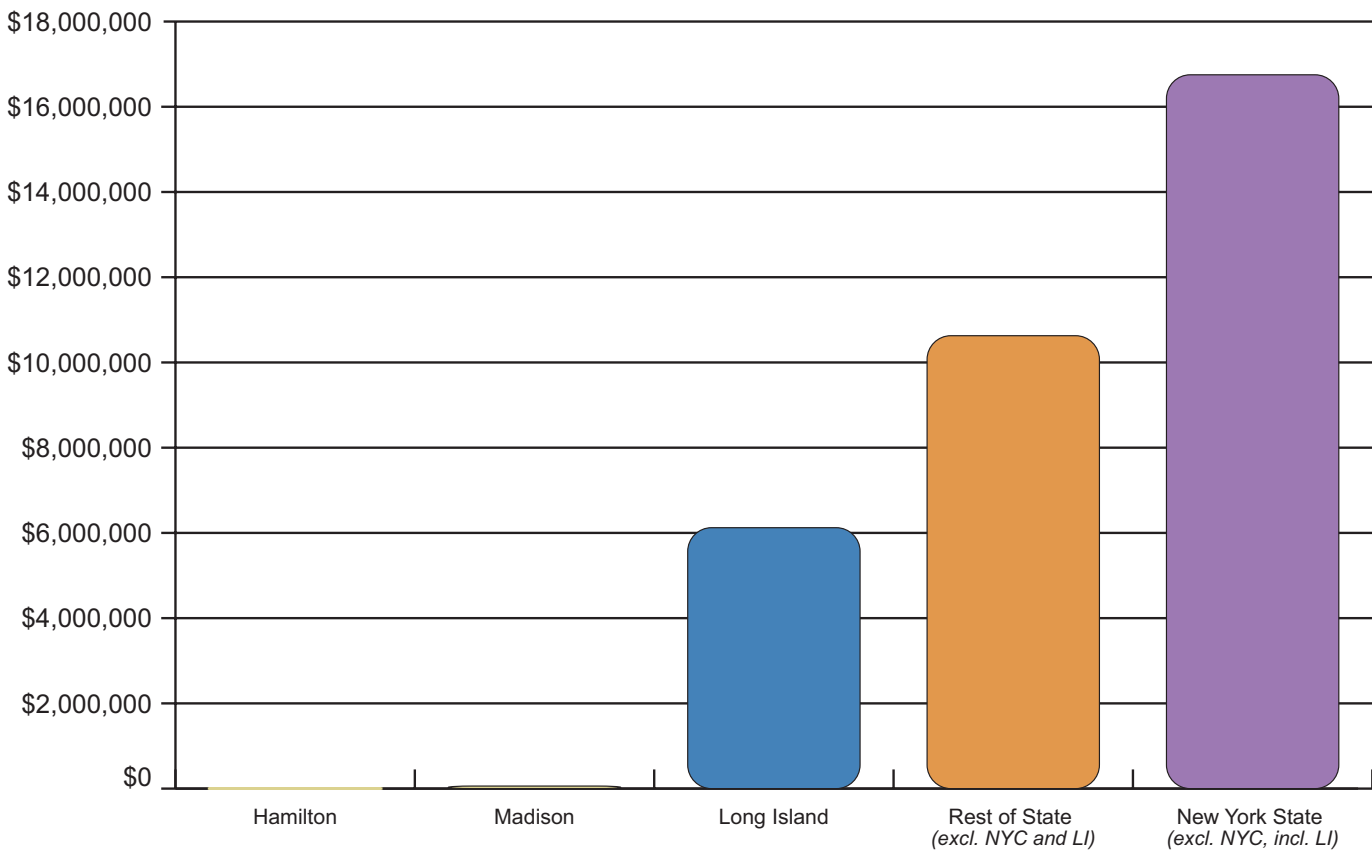
**TABLE 19****Total State Income Tax Paid by Full Year Residents**

Rank	County/Region	Tax Paid (reported in thousands)
1	Hamilton	\$3,207
56	Long Island	\$6,122,517
Median 28	Madison	\$59,935
	Nassau	\$3,519,211
	Suffolk	\$2,603,305
	Rest of State (excluding NYC and LI)	\$10,627,704
	New York State (excluding NYC, including LI)	\$16,750,221

**Description:** Total State income tax paid by full year residents (tax year 2013) 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 (2016). Analysis of 2013 Personal Income Tax Statistical Reports, Tax Liability of Taxable Returns, County Tables, 2013. Albany, NY.

**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 (\$3,565,616), Nassau (\$3,519,211), and Suffolk (\$2,603,305).
2. Nassau County and Suffolk County's state income tax liabilities were 58 and 43 times more than the median for all counties, respectively.
3. Long Island accounted for 36.6% (\$6.1 billion) of state income tax paid by residents of the State outside of New York City in 2013.

**TABLE 19a**  
**Total State Income Tax Paid by Full Year Residents**  
**20-Year Trend**

	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995	1993
Long Island's percent of state income tax paid by residents of the State (excl. NYC)	36.6	36.9	36.9	36.7	36.7	36.4	36.0	36.4	36.1	34.6	34.8
Times more than the county at median											
Nassau	58.7	58.8	54.4	62.3	59.1	56.0	57.4	59.6	57.6	48.9	51.1
Suffolk	43.4	46.4	43.1	46.0	43.7	42.6	42.4	41.4	39.5	34.6	34.6

**Description:** The total state income tax paid by full year residents for tax years on Long Island compared to the other 55 New York State counties (excluding New York City) for tax years 1993, 1995, 1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, and 2013. **For 20-year data points see Appendix M.**

**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 total state income tax paid by full year residents from lowest (1) to highest (56).

**Sources:** New York State Department of Taxation and Finance. *Analysis of 2013 Personal Income Tax Statistical Reports, Tax Liability of Taxable Returns, County Tables, 1993, 1995, 1997, 1999, 2003, 2005, 2007, 2009, 2011, and 2013.*

**Key Facts:**

1. For the past 20 years, Long Island has consistently ranked as the region with the highest percentage of state income tax liability.
2. Over the 20-year period, Long Island counties have increased in the number of times more than the county at the median in the percentage of state income tax they paid; Nassau by 7.6 and Suffolk by 8.8.

# Appendices



## Appendix A

### School Enrollment Figures for New York State by County (2014-15)



Albany.....	38,698	Herkimer.....	9,085	St. Lawrence.....	14,484
Allghany.....	6,386	Jefferson.....	18,075	Saratoga.....	33,789
Broome.....	26,555	Lewis.....	3,970	Schenectady.....	21,409
Cattaraugus.....	12,856	Livingston.....	7,739	Schoharie.....	4,299
Cayuga.....	9,178	Madison.....	9,718	Schuyler.....	1,833
Chautauqua.....	18,924	Monroe.....	106,624	Seneca.....	3,949
Chemung.....	11,265	Montgomery.....	7,374	Steuben.....	14,658
Chenango.....	7,276	Nassau.....	200,760	Suffolk.....	242,180
Clinton.....	10,695	New York City.....	957,672	Sullivan.....	9,233
Columbia.....	7,225	Niagara.....	28,621	Tioga.....	7,424
Cortland.....	6,407	Oneida.....	33,325	Tompkins.....	10,786
Delaware.....	5,450	Onondaga.....	69,573	Ulster.....	22,871
Dutchess.....	40,669	Ontario.....	15,778	Warren.....	8,955
Erie.....	123,910	Orange.....	58,989	Washington.....	8,459
Essex.....	3,681	Orleans.....	5,849	Wayne.....	13,974
Franklin.....	7,243	Oswego.....	19,626	Westchester.....	147,294
Fulton.....	7,613	Otsego.....	7,032	Wyoming.....	4,057
Genesee.....	8,159	Putnam.....	14,767	Yates.....	2,211
Greene.....	5,924	Rensselaer.....	19,953	Long Island.....	442,940
Hamilton.....	420	Rockland.....	39,931		

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

**Source:** New York State Education Department, 2014-15 School Report Card database.

Total NYS (including NYC and LI) .....2,564,860

Total NYS (excluding NYC and LI).....1,164,248

Total NYS (excluding NYC, but including LI)....1,607,188

## Appendix B

### Combined Wealth Ratios Throughout Long Island

Rank	Long Island School District	2014-15 Enrollment	2014-15 CWR
1	FIRE ISLAND UFSD	34	50.646
2	BRIDGEHAMPTON UFSD	146	31.853
3	QUOGUE UFSD	96	22.338
4	AMAGANSETT UFSD	89	19.213
5	FISHERS ISLAND UFSD	69	17.533
6	SOUTHAMPTON UFSD	1,525	11.876
7	SHELTER ISLAND UFSD	215	10.344
8	EAST HAMPTON UFSD	1,815	7.635
9	MONTAUK UFSD	330	7.510
10	OYSTERPONDS UFSD	69	6.936
11	SAG HARBOR UFSD	990	5.470
12	REMSENBERG-SPEONK UFSD	158	4.880
13	WESTHAMPTON BEACH UFSD	1,846	4.335
14	TUCKAHOE COMMON SD	324	3.961
15	OYSTER BAY-EAST NORWICH CSD	1,585	3.832
16	LOCUST VALLEY CSD	2,159	3.707
17	LAWRENCE UFSD	2,713	3.653
18	GREAT NECK UFSD	6,378	3.286
19	COLD SPRING HARBOR CSD	1,803	3.198
20	MANHASSET UFSD	3,347	3.033
21	SPRINGS UFSD	700	2.904
22	PORT JEFFERSON UFSD	1,122	2.897
23	SOUTHOLD UFSD	826	2.890
24	JERICHO UFSD	2,952	2.589
25	GARDEN CITY UFSD	3,884	2.487
26	PORT WASHINGTON UFSD	5,176	2.464
27	MATTITUCK-CUTCHOGUE UFSD	1,304	2.463
28	EAST QUOGUE UFSD	432	2.328
29	EAST WILLISTON UFSD	1,730	2.318
30	GREENPORT UFSD	653	2.229
31	ROSLYN UFSD	3,129	2.194
32	LONG BEACH CITY SD	3,639	2.192
33	ISLAND PARK UFSD	685	2.170
34	NORTH SHORE CSD	2,692	2.168
35	SYOSSET CSD	6,286	1.911
36	MINEOLA UFSD	2,671	1.815
37	HEWLETT-WOODMERE UFSD	2,936	1.811
38	ROCKVILLE CENTRE UFSD	3,554	1.764
39	NORTHPORT-EAST NORTHPORT UFSD	5,675	1.746
40	HAMPTON BAYS UFSD	2,147	1.719
41	HUNTINGTON UFSD	4,440	1.688
42	THREE VILLAGE CSD	6,719	1.671
43	HERRICKS UFSD	3,884	1.665
44	CARLE PLACE UFSD	1,346	1.593
45	HALF HOLLOW HILLS CSD	8,850	1.539
46	GLEN COVE CITY SD	3,176	1.522
47	HAUPTPAUGE UFSD	3,747	1.505
48	PLAINVIEW-OLD BETHPAGE CSD	4,892	1.480
49	WEST HEMPSTEAD UFSD	2,118	1.472
50	MERRICK UFSD	1,482	1.423
51	HICKSVILLE UFSD	5,189	1.411
52	BELLMORE UFSD	1,022	1.380
53	OCEANSIDE UFSD	5,637	1.363
54	BABYLON UFSD	1,630	1.360
55	FLORAL PARK-BELLEROSE UFSD	1,474	1.327
56	SMITHTOWN CSD	9,704	1.322
57	LYNBROOK UFSD	2,798	1.321
58	MASSAPEQUA UFSD	7,239	1.320
59	EAST ROCKAWAY UFSD	1,205	1.318
60	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,659	1.299
61	RIVERHEAD CSD	5,128	1.293
62	HARBORFIELDS CSD	3,322	1.276
63	MALVERNE UFSD	1,684	1.217
64	KINGS PARK CSD	3,516	1.203
65	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,560	1.182

Rank	Long Island School District	2014-15 Enrollment	2014-15 CWR
66	SEAFORD UFSD	2,341	1.163
67	BETHPAGE UFSD	2,896	1.163
68	FARMINGDALE UFSD	5,818	1.126
69	SHOREHAM-WADING RIVER CSD	2,407	1.125
70	COMMACK UFSD	6,781	1.122
71	EAST MEADOW UFSD	7,041	1.107
72	SOUTH HUNTINGTON UFSD	5,998	1.090
73	ELWOOD UFSD	2,335	1.087
74	MOUNT SINAI UFSD	2,387	1.086
75	FRANKLIN SQUARE UFSD	1,840	1.074
76	CONNNETQUOT CSD	6,157	1.072
77	WANTAGH UFSD	3,115	1.057
78	EAST MORICHES UFSD	728	1.057
79	SAYVILLE UFSD	3,024	1.054
80	SEWANHAKA CENTRAL HS DISTRICT	8,077	1.050
81	AMITYVILLE UFSD	3,019	1.047
82	NORTH MERRICK UFSD	1,203	1.008
83	ISLIP UFSD	2,926	0.999
84	VALLEY STREAM 30 UFSD	1,547	0.993
85	NORTH BELLMORE UFSD	2,099	0.992
86	BAYPORT-BLUE POINT UFSD	2,357	0.992
87	WEST ISLIP UFSD	4,628	0.977
88	BALDWIN UFSD	4,686	0.976
89	VALLEY STREAM 13 UFSD	2,120	0.976
90	PLAINEDGE UFSD	3,132	0.969
91	VALLEY STREAM CENTRAL HS DISTRICT	4,486	0.967
92	ISLAND TREES UFSD	2,265	0.961
93	MILLER PLACE UFSD	2,796	0.949
94	EAST ISLIP UFSD	3,946	0.946
95	VALLEY STREAM 24 UFSD	1,090	0.917
96	WEST BABYLON UFSD	4,011	0.905
97	SACHEM CSD	13,756	0.880
98	UNIONDALE UFSD	6,609	0.863
99	DEER PARK UFSD	4,061	0.859
100	SOUTH COUNTRY CSD	4,419	0.858
101	LEVITOWN UFSD	7,160	0.850
102	LONGWOOD CSD	9,050	0.834
103	BAY SHORE UFSD	5,958	0.833
104	ELMONT UFSD	3,603	0.822
105	NORTH BABYLON UFSD	4,713	0.816
106	BROOKHAVEN-COMSEWOGUE UFSD	3,670	0.815
107	LINDENHURST UFSD	6,169	0.811
108	PATCHOGUE-MEDFORD UFSD	7,661	0.811
109	EASTPORT-SOUTH MANOR CSD	3,611	0.792
110	MIDDLE COUNTRY CSD	9,664	0.774
111	CENTER MORICHES UFSD	1,630	0.771
112	WESTBURY UFSD	4,844	0.758
113	ROCKY POINT UFSD	3,271	0.716
114	COPIAGUE UFSD	5,010	0.680
115	FREEMPORT UFSD	6,743	0.675
116	WILLIAM FLOYD UFSD	8,653	0.568
117	CENTRAL ISLIP UFSD	6,950	0.553
118	ROOSEVELT UFSD	3,155	0.535
119	HEMPSTEAD UFSD	7,401	0.454
120	WYANDANCH UFSD	2,287	0.405
121	BRENTWOOD UFSD	18,142	0.395
122	NEW SUFFOLK COMMON SD	16	-
123	WAINSCOTT COMMON SD	20	-
124	SAGAPONACK COMMON SD	12	-
125	LITTLE FLOWER UFSD	100	-

**Source:** New York State Education Department, 2014-15.

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

## Appendix C

### Combined Wealth Ratios Throughout Suffolk and Nassau Counties

Rank	Suffolk County School District	2014-15 Enrollment	2014-15 CWR
1	FIRE ISLAND UFSD	34	50.646
2	BRIDGEHAMPTON UFSD	146	31.853
3	QUOGUE UFSD	96	22.338
4	AMAGANSETT UFSD	89	19.213
5	FISHERS ISLAND UFSD	69	17.533
6	SOUTHAMPTON UFSD	1,525	11.876
7	SHELTER ISLAND UFSD	215	10.344
8	EAST HAMPTON UFSD	1,815	7.635
9	MONTAUK UFSD	330	7.510
10	OYSTERPONDS UFSD	69	6.936
11	SAG HARBOR UFSD	990	5.470
12	REMSENBURG-SPEONK UFSD	158	4.880
13	WESTHAMPTON BEACH UFSD	1,846	4.335
14	TUCKAHOE COMN SD	324	3.961
15	COLD SPRING HARBOR CSD	1,803	3.198
16	SPRINGS UFSD	700	2.904
17	PORT JEFFERSON UFSD	1,122	2.897
18	SOUTHOLD UFSD	826	2.890
19	MATTITUCK-CUTCHOGUE UFSD	1,304	2.463
20	EAST QUOGUE UFSD	432	2.328
21	GREENPORT UFSD	653	2.229
22	NORTHPORT-EAST NORTHPORT UFSD	5,675	1.746
23	HAMPTON BAYS UFSD	2,147	1.719
24	HUNTINGTON UFSD	4,440	1.688
25	THREE VILLAGE CSD	6,719	1.671
26	HALF HOLLOW HILLS CSD	8,850	1.539
27	HAUPPAUGE UFSD	3,747	1.505
28	BABYLON UFSD	1,630	1.360
29	SMITHTOWN CSD	9,704	1.322
30	RIVERHEAD CSD	5,128	1.293
31	HARBORFIELDS CSD	3,322	1.276
32	KINGS PARK CSD	3,516	1.203
33	SHOREHAM-WADING RIVER CSD	2,407	1.125
34	COMMACK UFSD	6,781	1.122
35	SOUTH HUNTINGTON UFSD	5,998	1.090
36	ELWOOD UFSD	2,335	1.087
37	MOUNT SINAI UFSD	2,387	1.086
38	CONNETQUOT CSD	6,157	1.072
39	EAST MORICHES UFSD	728	1.057
40	SAYVILLE UFSD	3,024	1.054
41	AMITYVILLE UFSD	3,019	1.047
42	ISLIP UFSD	2,926	0.999
43	BAYPORT-BLUE POINT UFSD	2,357	0.992
44	WEST ISLIP UFSD	4,628	0.977
45	MILLER PLACE UFSD	2,796	0.949
46	EAST ISLIP UFSD	3,946	0.946
47	WEST BABYLON UFSD	4,011	0.905
48	SACHEM CSD	13,756	0.880
49	DEER PARK UFSD	4,061	0.859
50	SOUTH COUNTRY CSD	4,419	0.858
51	LONGWOOD CSD	9,050	0.834
52	BAY SHORE UFSD	5,958	0.833
53	NORTH BABYLON UFSD	4,713	0.816
54	BROOKHAVEN-COMSEWOGUE UFSD	3,670	0.815
55	PATCHOGUE-MEDFORD UFSD	7,661	0.811
56	LINDENHURST UFSD	6,169	0.811
57	EASTPORT-SOUTH MANOR CSD	3,611	0.792
58	MIDDLE COUNTRY CSD	9,664	0.774
59	CENTER MORICHES UFSD	1,630	0.771
60	ROCKY POINT UFSD	3,271	0.716
61	COPIAGUE UFSD	5,010	0.680
62	WILLIAM FLOYD UFSD	8,653	0.568
63	CENTRAL ISLIP UFSD	6,950	0.553
64	WYANDANCH UFSD	2,287	0.405
65	BRENTWOOD UFSD	18,142	0.395

Rank	Nassau BOCES School District	2014-15 Enrollment	2014-15 CWR
1	OYSTER BAY-EAST NORWICH CSD	1,585	3.832
2	LOCUST VALLEY CSD	2,159	3.707
3	LAWRENCE UFSD	2,713	3.653
4	GREAT NECK UFSD	6,378	3.286
5	MANHASSET UFSD	3,347	3.033
6	JERICO UFSD	2,952	2.589
7	GARDEN CITY UFSD	3,884	2.487
8	PORT WASHINGTON UFSD	5,176	2.464
9	EAST WILLISTON UFSD	1,730	2.318
10	ROSLYN UFSD	3,129	2.194
11	LONG BEACH CITY SD	3,639	2.192
12	ISLAND PARK UFSD	685	2.170
13	NORTH SHORE CSD	2,692	2.168
14	SYOSSET CSD	6,286	1.911
15	MINEOLA UFSD	2,671	1.815
16	HEWLETT-WOODMERE UFSD	2,936	1.811
17	ROCKVILLE CENTRE UFSD	3,554	1.764
18	HERRICKS UFSD	3,884	1.665
19	CARLE PLACE UFSD	1,346	1.593
20	GLEN COVE CITY SD	3,176	1.522
21	PLAINVIEW-OLD BETHPAGE CSD	4,892	1.480
22	WEST HEMPSTEAD UFSD	2,118	1.472
23	MERRICK UFSD	1,482	1.423
24	HICKSVILLE UFSD	5,189	1.411
25	BELLMORE UFSD	1,022	1.380
26	OCEANSIDE UFSD	5,637	1.363
27	FLORAL PARK-BELLEROSE UFSD	1,474	1.327
28	LYNBROOK UFSD	2,798	1.321
29	MASSAPEQUA UFSD	7,239	1.320
30	EAST ROCKAWAY UFSD	1,205	1.318
31	NEW HYDE PARK-GARDEN CITY PARK UFSD	1,659	1.299
32	MALVERNE UFSD	1,684	1.217
33	BELLMORE-MERRICK CENTRAL HS DISTRICT	5,560	1.182
34	SEAFORD UFSD	2,341	1.163
35	BETHPAGE UFSD	2,896	1.163
36	FARMINGDALE UFSD	5,818	1.126
37	EAST MEADOW UFSD	7,041	1.107
38	FRANKLIN SQUARE UFSD	1,840	1.074
39	WANTAGH UFSD	3,115	1.057
40	SEWANHAKA CENTRAL HS DISTRICT	8,077	1.050
41	NORTH MERRICK UFSD	1,203	1.008
42	VALLEY STREAM 30 UFSD	1,547	0.993
43	NORTH BELLMORE UFSD	2,099	0.992
44	BALDWIN UFSD	4,686	0.976
45	VALLEY STREAM 13 UFSD	2,120	0.976
46	PLAINEDGE UFSD	3,132	0.969
47	VALLEY STREAM CENTRAL HS DISTRICT	4,486	0.967
48	ISLAND TREES UFSD	2,265	0.961
49	VALLEY STREAM 24 UFSD	1,090	0.917
50	UNIONDALE UFSD	6,609	0.863
51	LEVITTOWN UFSD	7,160	0.850
52	ELMONT UFSD	3,603	0.822
53	WESTBURY UFSD	4,844	0.758
54	FREEPORT UFSD	6,743	0.675
55	ROOSEVELT UFSD	3,155	0.535
56	HEMPSTEAD UFSD	7,401	0.454

**Source:** New York State Education Department, 2014-15.

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

## Appendix D

### Long Island’s Least Wealthy and Wealthiest School Districts (2014-15)

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

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

Long Island School District	CWR
Brentwood Union Free School District	0.395
Wyandanch Union Free School District	0.405
Hempstead Union Free School District	0.454
Roosevelt Union Free School District	0.535
Central Islip Union Free School District	0.553
William Floyd Union Free School District	0.568
Freeport Union Free School District	0.675
Copiague Union Free School District	0.680
Rocky Point Union Free School District	0.716

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

Long Island School District	CWR
Southampton Union Free School District	11.876
East Hampton Union Free School District	7.635
Westhampton Beach Union Free School District	4.335
Oyster Bay-East Norwich Central School District	3.832
Locust Valley Central School District	3.707
Lawrence Union Free School District	3.653
Great Neck Union Free School District	3.286
Cold Spring Harbor Central School District	3.198
Manhasset Union Free School District	3.033

*Source: New York State Education Department, 2014-15.*

## Appendix E

### Combined Wealth Ratios throughout New York State (10% Least Wealthy/Wealthiest)

Rank	Rest of State School Districts (excl. LI & NYC)	2014-15 Enrollment	2014-15 CWR
<b>WEALTHIEST DISTRICTS (10%)</b>			
1	HARRISON CSD	3,542	4.033
2	SCARSDALE UFSD	4,821	3.981
3	BRONXVILLE UFSD	1,714	3.902
4	RYE CITY SD	3,329	3.629
5	BYRAM HILLS CSD	2,538	3.284
6	BEDFORD CSD	4,315	2.782
7	MAMARONECK UFSD	5,183	2.622
8	CHAPPAQUA CSD	3,919	2.563
9	GREENBURGH CSD	1,743	2.424
10	KATONAH-LEWISBORO UFSD	3,203	2.308
11	BRIARCLIFF MANOR UFSD	1,522	2.211
12	RYE NECK UFSD	1,544	2.132
13	IRVINGTON UFSD	1,758	2.070
14	EDGEMONT UFSD	1,919	1.915
15	PELHAM UFSD	2,799	1.722
16	WHITE PLAINS CITY SD	7,029	1.692
17	CROTON-HARMON UFSD	1,656	1.652
18	MT PLEASANT CSD	1,913	1.624
19	EASTCHESTER UFSD	3,192	1.606
20	HENDRICK HUDSON CSD	2,344	1.594
21	SOMERS CSD	3,264	1.529
22	ARDSLEY UFSD	2,073	1.488
<b>LEAST WEALTHY DISTRICTS (10%)</b>			
1	SALMON RIVER CSD	1,507	0.187
2	INDIAN RIVER CSD	4,042	0.223
3	UTICA CITY SD	9,715	0.286
4	JAMESTOWN CITY SD	4,839	0.298
5	CARTHAGE CSD	3,377	0.302
6	ROCHESTER CITY SD	28,316	0.302
7	SYRACUSE CITY SD	20,084	0.320
8	HORNELL CITY SD	1,723	0.324
9	BUFFALO CITY SD	32,165	0.327
10	NIAGARA FALLS CITY SD	6,700	0.358
11	GLOVERSVILLE CITY SD	2,728	0.365
12	FULTON CITY SD	3,530	0.369
13	SCHENECTADY CITY SD	9,497	0.372
14	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,249	0.373
15	LACKAWANNA CITY SD	1,712	0.378
16	GOUVERNEUR CSD	1,576	0.382
17	OGDENSBURG CITY SD	1,585	0.394
18	DUNKIRK CITY SD	2,001	0.401
19	MEDINA CSD	1,620	0.422
20	ALBION CSD	1,891	0.436
21	BATH CSD	1,528	0.440
22	CAMDEN CSD	2,167	0.446

Source: New York State Education Department, 2014-15.

Rank	NYS School Districts (incl. LI, excl NYC)	2014-15 Enrollment	2014-15 CWR
<b>WEALTHIEST DISTRICTS (10%)</b>			
1	SOUTHAMPTON UFSD	1,525	11.876
2	EAST HAMPTON UFSD	1,815	7.635
3	WESTHAMPTON BEACH UFSD	1,846	4.335
4	HARRISON CSD	3,542	4.033
5	SCARSDALE UFSD	4,821	3.981
6	BRONXVILLE UFSD	1,714	3.902
7	OYSTER BAY-EAST NORWICH CSD	1,585	3.832
8	LOCUST VALLEY CSD	2,159	3.707
9	LAWRENCE UFSD	2,713	3.653
10	RYE CITY SD	3,329	3.629
11	GREAT NECK UFSD	6,378	3.286
12	BYRAM HILLS CSD	2,538	3.284
13	COLD SPRING HARBOR CSD	1,803	3.198
14	MANHASSET UFSD	3,347	3.033
15	BEDFORD CSD	4,315	2.782
16	MAMARONECK UFSD	5,183	2.622
17	JERICO UFSD	2,952	2.589
18	CHAPPAQUA CSD	3,919	2.563
19	GARDEN CITY UFSD	3,884	2.487
20	PORT WASHINGTON UFSD	5,176	2.464
21	GREENBURGH CSD	1,743	2.424
22	EAST WILLISTON UFSD	1,730	2.318
23	KATONAH-LEWISBORO UFSD	3,203	2.308
24	BRIARCLIFF MANOR UFSD	1,522	2.211
25	ROSLYN UFSD	3,129	2.194
26	LONG BEACH CITY SD	3,639	2.192
27	NORTH SHORE CSD	2,692	2.168
28	RYE NECK UFSD	1,544	2.132
29	IRVINGTON UFSD	1,758	2.070
30	EDGEMONT UFSD	1,919	1.915
31	SYOSSET CSD	6,286	1.911
32	MINEOLA UFSD	2,671	1.815
<b>LEAST WEALTHY DISTRICTS (10%)</b>			
1	SALMON RIVER CSD	1,507	0.187
2	INDIAN RIVER CSD	4,042	0.223
3	UTICA CITY SD	9,715	0.286
4	JAMESTOWN CITY SD	4,839	0.298
5	CARTHAGE CSD	3,377	0.302
6	ROCHESTER CITY SD	28,316	0.302
7	SYRACUSE CITY SD	20,084	0.320
8	HORNELL CITY SD	1,723	0.324
9	BUFFALO CITY SD	32,165	0.327
10	NIAGARA FALLS CITY SD	6,700	0.358
11	GLOVERSVILLE CITY SD	2,728	0.365
12	FULTON CITY SD	3,530	0.369
13	SCHENECTADY CITY SD	9,497	0.372
14	CENTRAL VALLEY CSD AT ILION-MOHAWK	2,249	0.373
15	LACKAWANNA CITY SD	1,712	0.378
16	GOUVERNEUR CSD	1,576	0.382
17	OGDENSBURG CITY SD	1,585	0.394
18	BRENTWOOD UFSD	18,142	0.395
19	DUNKIRK CITY SD	2,001	0.401
20	WYANDANCH UFSD	2,287	0.405
21	MEDINA CSD	1,620	0.422
22	ALBION CSD	1,891	0.436
23	BATH CSD	1,528	0.440
24	CAMDEN CSD	2,167	0.446
25	NEWARK CSD	2,029	0.448
26	WAVERLY CSD	1,580	0.450
27	MASSENA CSD	2,690	0.452
28	HEMPSTEAD UFSD	7,401	0.454
29	ELMIRA CITY SD	6,229	0.457
30	AMSTERDAM CITY SD	3,600	0.465
31	ROME CITY SD	5,208	0.465
32	JOHNSTOWN CITY SD	1,693	0.470



## Appendix F

### Update to the Regents Regional Cost Index

The Regional Cost Index 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 cost index 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.

<b>Professional Cost Index for New York State by Labor Force Region (2014)</b> <b>REGIONAL COST DIFFERENCES – How much will \$1,000 buy?</b>		
<b>Labor Force Region</b>	<b>Index Value</b>	<b>Purchasing Power of \$1,000 by Region</b>
Long Island/NYC	1.425	\$702
Hudson Valley	1.314	\$761
Capital District	1.124	\$890
Finger Lakes	1.141	\$876
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 (2014)

#### 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.

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

## **Appendix G**

### **Data Selection and Presentation**

#### **New York City Excluded in Data Analysis**

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

#### **Rankings**

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

#### **Key Facts**

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

# Appendix H – Students Classified as English Language Learners (ELL) as a Percentage of Enrollment – 20-Year Trend

(from Table 5a)

2015				2013				2011			
County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL
1 Hamilton	420	0	0.0	1 Hamilton	483	0	0.0	1 Hamilton/Lewis	519/4,224	0	0.0
56 Rockland	39,931	4,125	10.3	56 Rockland	40,279	3,581	8.9	56 Rockland	41,089	3,205	7.8
28 Niagara	28,261	223	0.8	28 Delaware	5,560	39	0.7	28 Genesee/Greene	8,715/6,697	70/53	0.8
54 Long Island	442,940	31,160	7.0	54 Long Island	448,718	27,571	6.1	54 Long Island	456,686	27,251	6.0
Rest of State (excl. NYC and LJ)	1,164,248	42,824	3.7	Rest of State (excl. NYC and LJ)	1,186,737	39,224	3.3	Rest of State (excl. NYC and LJ)	1,220,999	37,841	3.1
New York State (excl. NYC, incl. LJ)	1,607,188	73,984	4.6	New York State (excl. NYC, incl. LJ)	1,635,455	66,795	4.1	New York State (excl. NYC, incl. LJ)	1,677,685	65,092	3.9

2009				2007				2005			
County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL
1 Hamilton/Lewis	518/4,299	0	0.0	1 Hamilton/Lewis/Wyoming	550/4,460/4,988	0	0.0	1 Hamilton/Schuyler	571/2,213	0	0.0
56 Westchester	146,223	10,900	7.5	56 Westchester	146,767	11,973	8.2	56 Westchester	146,269	12,378	8.5
28 Niagara	31,516	186	0.6	28 Greene/Ontario	7,525/17,451	47/109	0.6	28 Cortland/Genesee/Greene/Livingston/Yates	7,423/10,109/7,501/9,371/2,892	36/55/39/44/14	0.5
54 Long Island	459,420	26,081	5.7	54 Long Island	466,279	27,074	5.8	54 Long Island	471,944	24,058	5.1
Rest of State (excl. NYC and LJ)	1,248,265	35,370	2.8	Rest of State (excl. NYC and LJ)	1,281,801	35,279	2.8	Rest of State (excl. NYC and LJ)	1,304,586	36,099	2.8
New York State (excl. NYC, incl. LJ)	1,707,685	61,451	3.6	New York State (excl. NYC, incl. LJ)	1,748,080	62,353	3.6	New York State (excl. NYC, incl. LJ)	1,776,530	60,157	3.4

2003				2001				1999			
County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL
1 Chenango/Hamilton/Schuyler	9,702/6,342/2,89	0	0.0	1 Chenango/Hamilton/Lewis/Schuyler	9,828/698/5,002/2,454	0	0.0	1 Allegany/Hamilton	8,763/713	0	0.0
56 Westchester	147,175	11,480	7.8	56 Westchester	142,768	11,279	7.9	56 Westchester	137,145	10,560	7.7
28 Cortland/Franklin/Livingston/Seneca	7,681/8,831/9,901/5,305	38/44/50/27	0.5	28 Greene	7,731	39	0.5	28 Cortland/Greene/Oswego	7,987/7,568/25,776	40/38/129	0.5
54 Long Island	471,086	21,199	4.5	54 Long Island	456,212	19,617	4.3	54 Long Island	436,554	16,945	4.0
Rest of State (excl. NYC and LJ)	1,338,386	33,130	2.5	Rest of State (excl. NYC and LJ)	1,338,930	31,903	2.4	Rest of State (excl. NYC and LJ)	1,344,111	30,636	2.3
New York State (excl. NYC, incl. LJ)	1,809,472	54,329	3.0	New York State (excl. NYC, incl. LJ)	1,795,142	51,520	2.9	New York State (excl. NYC, incl. LJ)	1,780,665	47,580	2.7

1997				1995			
County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL	County/Region	Total Enrollment	N Classified as ELL	% Classified as ELL
1 Allegany/Franklin/Hamilton/Lewis/Schoharie/Washington	9,014/9,188/698/5,306/5,771/10,897	0	0.0	1 Allegany/Essex/Hamilton/Yates	9,192/5,054/716/3,201	0	0.0
56 Westchester	127,043	9,274	7.3	56 Westchester	119,417	8,359	7.0
28 Cattaraugus/Cortland/Delaware/Greene/Herkimer/Livingston	17,841/7,959/8,068/7,502/12,467/10,622	71/32/32/30/50/42	0.4	28 Delaware/Herkimer/Livingston/Niagara	8,385/12,382/10,504/36,121	34/50/42/144	0.4
53 Long Island	416,044	14,770	3.6	54 Long Island	401,262	13,507	3.5
Rest of State (excl. NYC and LJ)	1,323,979	30,005	2.3	Rest of State (excl. NYC and LJ)	1,301,669	26,387	2.0
New York State (excl. NYC, incl. LJ)	1,740,023	44,775	2.6	New York State (excl. NYC, incl. LJ)	1,702,931	39,894	2.3

**Appendix I – Percentage of High School Graduates Earning a Regents Diploma – 20-Year Trend (from Table 6a)**

2015					2013					2011				
County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma	
1 Schuyler	137	133	97.1		1 Hamilton	45	44	97.8		1 Yates	221	210	95.0	
56 Delaware	440	380	86.4		56 Delaware	424	369	87.0		56 Westchester	10,176	8,140	80.0	
28 Allegany	468	433	92.5		28 Washington	665	615	92.5		28 Washington	628	559	89.0	
6 Long Island	34,225	32,747	95.7		2 Long Island	35,037	33,468	95.5		6 Long Island	34,375	31,779	92.4	
Rest of State (excl. NYC and LI)	83,520	78,005	93.4		Rest of State (excl. NYC and LI)	85,701	79,843	93.2		Rest of State (excl. NYC and LI)	89,077	78,704	88.4	
New York State (excl. NYC, incl. LI)	117,745	1,107,512	94.1		New York State (excl. NYC, incl. LI)	120,738	113,311	93.8		New York State (excl. NYC, incl. LI)	123,452	110,483	89.5	

2009					2007					2005				
County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma	
1 Yates	174	167	96.0		1 Yates	191	183	95.8		1 Genesee	709	658	92.8	
56 Westchester	9,951	7,542	75.8		56 Westchester	8,962	6,575	73.4		56 Hamilton	38	26	68.4	
28 Schoharie	353	308	87.3		28 Oswego	1,455	1,264	86.9		28 Broome	1,978	1,650	83.4	
10 Long Island	34,614	31,309	90.5		15 Long Island	32,694	29,461	90.1		17 Long Island	30,047	25,639	85.3	
Rest of State (excl. NYC and LI)	89,163	76,556	85.9		Rest of State (excl. NYC and LI)	84,203	71,852	85.3		Rest of State (excl. NYC and LI)	81,718	67,028	82.0	
New York State (excl. NYC, incl. LI)	123,777	107,865	87.1		New York State (excl. NYC, incl. LI)	116,897	101,313	86.7		New York State (excl. NYC, incl. LI)	111,765	92,667	82.9	

2003					2001					1999				
County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma	
1 Montgomery	510	414	81.2		1 Rensselaer	1,312	862	65.7		1 Seneca	334	237	71.0	
56 Schoharie	398	195	49.0		56 Westchester	7,240	3,057	42.2		56 Westchester	6,749	2,522	37.4	
28 Cataaugus	1,111	701	63.1		28 Columbia	447	258	57.7		28 St. Lawrence	1,227	655	53.4	
5 Long Island	28,270	19,484	68.9		8 Long Island	26,395	16,497	62.5		12 Long Island	25,597	14,894	58.2	
Rest of State (excl. NYC and LI)	78,698	49,431	62.8		Rest of State (excl. NYC and LI)	75,912	43,737	57.6		Rest of State (excl. NYC and LI)	75,013	39,412	52.5	
New York State (excl. NYC, incl. LI)	106,968	68,915	64.4		New York State (excl. NYC, incl. LI)	102,307	60,234	58.9		New York State (excl. NYC, incl. LI)	100,610	54,306	54.0	

1997					1995				
County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma		County/ Region	Number of Completers	N Earning Regents Diplomas	% Earning Regents Diploma	
1 Ontario	1,000	596	59.6		1 Saratoga	*	*	56.2	
56 Westchester	6,642	2,340	35.2		56 Westchester	*	*	32.5	
28 Fulton	547	271	49.5		28 Livingston	*	*	46.6	
11 Long Island	25,878	13,911	53.8		12 Long Island	*	*	50.2	
Rest of State (excl. NYC and LI)	73,934	36,105	48.8		Rest of State (excl. NYC and LI)	*	*	46.1	
New York State (excl. NYC, incl. LI)	99,812	50,016	50.1		New York State (excl. NYC, incl. LI)	*	*	48.2	

\*data unavailable

**Appendix J – Percentage of High School Graduates Entering Post-Secondary Education – 20-Year Trend (from Table 7a)**

2015					2013					2011				
County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education			
1 Rockland	3,214	2,983	92.8	1 Rockland	3,029	2,809	92.7	1 Rockland	3,309	3,054	92.3			
56 Chenango	574	368	64.1	56 Lewis	329	215	65.3	56 Schuyler	161	110	68.3			
28 Genesee	646	501	77.6	28 Livingston	645	507	78.6	28 Montgomery	487	387	79.5			
2 Long Island	34,732	31,369	90.3	2 Long Island	35,573	32,077	90.2	3 Long Island	34,875	31,461	90.2			
Rest of State (excl. NYC and LI)	85,378	70,184	82.2	Rest of State (excl. NYC and LI)	88,063	72,977	82.9	Rest of State (excl. NYC and LI)	91,620	76,913	83.9			
New York State (excl. NYC, incl. LI)	120,110	101,553	84.5	New York State (excl. NYC, incl. LI)	123,636	105,054	85.0	New York State (excl. NYC, incl. LI)	126,495	108,374	85.7			

2009					2007					2005				
County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education			
1 Rockland	3,040	2,834	93.2	1 Rockland	3,082	2,870	93.1	1 Rockland	2,714	2,577	95.0			
56 Lewis	356	258	72.5	56 Seneca	332	166	50.0	56 Hamilton	38	26	68.4			
28 Warren	801	649	81.0	28 Ontario	1,276	1,025	80.3	28 Clinton	882	738	83.7			
4 Long Island	35,173	31,660	90.0	5 Long Island	33,284	29,686	89.2	2 Long Island	30,047	27,407	91.2			
Rest of State (excl. NYC and LI)	91,991	77,715	84.5	Rest of State (excl. NYC and LI)	87,674	73,266	83.6	Rest of State (excl. NYC and LI)	81,718	70,287	86.0			
New York State (excl. NYC, incl. LI)	127,164	109,375	86.0	New York State (excl. NYC, incl. LI)	120,931	102,952	85.1	New York State (excl. NYC, incl. LI)	111,765	97,694	87.4			

2003					2001					1999				
County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education			
1 Rockland	2,711	2,498	92.1	1 Rockland	2,607	2,429	93.2	1 Rockland	*	*	92.9			
56 Chemung	468	318	67.9	56 Hamilton	52	35	67.3	56 Wyoming	*	*	66.3			
28 Warren	694	568	81.8	28 Sullivan	580	464	80.0	28 Madison	*	*	77.0			
2 Long Island	28,270	25,439	90.0	2 Long Island	26,395	23,591	89.4	4 Long Island	*	*	88.6			
Rest of State (excl. NYC and LI)	78,698	66,011	83.9	Rest of State (excl. NYC and LI)	75,657	62,544	82.7	Rest of State (excl. NYC and LI)	*	*	77.0			
New York State (excl. NYC, incl. LI)	106,968	91,450	85.5	New York State (excl. NYC, incl. LI)	102,052	86,135	84.4	New York State (excl. NYC, incl. LI)	*	*	82.8			

1997					1995				
County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education	County/ Region	Number of Completers Reporting Graduation Plans	Number of Completers Reporting Post- Secondary Plans	% Entering Post- Secondary Education		
1 Rockland	*	*	92.0	1 Rockland	*	*	91.8		
56 Schuyler	*	*	64.5	56 Steuben	*	*	46.3		
28 St. Lawrence	*	*	75.6	28 Lewis	*	*	75.3		
3 Long Island	*	*	87.2	3 Long Island	*	*	87.0		
Rest of State (excl. NYC and LI)	*	*	76.2	Rest of State (excl. NYC and LI)	*	*	74.9		
New York State (excl. NYC, incl. LI)	*	*	81.7	New York State (excl. NYC, incl. LI)	*	*	80.9		

\*data unavailable

**Appendix K – State Aid as a Percentage of School District Revenues – 20-Year Trend (from Table 16a)**

2014				2012				2010			
County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue
1 Allegany	6,525	68.2	1 Allegany	6,749	67.7	1 Allegany	8,273	65.1	1 Chenango	8,273	65.1
56 Hamilton	450	16.6	56 Hamilton	523	15.6	56 Hamilton	535	16.6	56 Hamilton	535	16.6
28 Niagara	29,067	51.9	28 Clinton/Wayne	11,112/14,464	50.6	28 Clinton/Wayne	7,891	51.6	28 Otsego	7,891	51.6
52 Long Island	444,952	23.2	52 Long Island	452,155	22.5	52 Long Island	458,270	23.1	52 Long Island	458,270	23.1
Rest of State (excl. NYC and LI)	1,176,331	40.9	Rest of State (excl. NYC and LI)	1,200,570	39.6	Rest of State (excl. NYC and LI)	1,234,762	40.3	Rest of State (excl. NYC and LI)	1,234,762	40.3
New York State (excl. NYC, incl. LI)	1,621,283	35.3	New York State (excl. NYC, incl. LI)	1,652,725	34.3	New York State (excl. NYC, incl. LI)	1,693,032	35	New York State (excl. NYC, incl. LI)	1,693,032	35

2008				2006				2004			
County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue
1 Allegany	7,269	67.0	1 Allegany	7,526	65.1	1 Allegany	4,597	66.2	1 Lewis	4,597	66.2
56 Hamilton	519	15.6	56 Hamilton	557	11.7	56 Hamilton	623	11.4	56 Hamilton	623	11.4
28 Clinton	12,233	53.4	28 Oswego	23,569	51.6	28 Oswego	17,784	53.0	28 Wayne	17,784	53.0
52 Long Island	462,354	25.1	52 Long Island	470,806	23.6	52 Long Island	474,933	24.4	52 Long Island	474,933	24.4
Rest of State (excl. NYC and LI)	1,264,333	42.4	Rest of State (excl. NYC and LI)	1,285,111	40.3	Rest of State (excl. NYC and LI)	1,302,957	41.5	Rest of State (excl. NYC and LI)	1,302,957	41.5
New York State (excl. NYC, incl. LI)	1,726,687	37.1	New York State (excl. NYC, incl. LI)	1,755,917	35.2	New York State (excl. NYC, incl. LI)	1,777,890	36.4	New York State (excl. NYC, incl. LI)	1,777,890	36.4

2002				2000				1998			
County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue
1 Allegany	8,175	69.2	1 Allegany	8,636	70.8	1 Allegany	9,024	71.5	1 Allegany	9,024	71.5
56 Hamilton	676	12.8	56 Hamilton	674	15.1	56 Hamilton	428,402	26.1	56 Long Island	428,402	26.1
28 Montgomery	7,950	56.0	28 Genesee	10,975	56.2	28 Genesee	38,809	55.0	28 Oneida	38,809	55.0
52 Long Island	464,580	26.6	52 Long Island	446,039	27.1	52 Long Island	428,402	26.1	52 Long Island	428,402	26.1
Rest of State (excl. NYC and LI)	1,311,126	44.5	Rest of State (excl. NYC and LI)	1,327,149	44.6	Rest of State (excl. NYC and LI)	1,322,385	43.5	Rest of State (excl. NYC and LI)	1,322,385	43.5
New York State (excl. NYC, incl. LI)	1,775,706	39.3	New York State (excl. NYC, incl. LI)	1,773,188	39.6	New York State (excl. NYC, incl. LI)	1,750,787	38.5	New York State (excl. NYC, incl. LI)	1,750,787	38.5

1996				1994				
County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue	County/Region	Enrollment	State Aid as % of School District Revenue
1 Allegany	9,106	76.1	1 Allegany	9,103	71.3	1 Allegany	9,103	71.3
56 Hamilton	718	15.4	56 Hamilton	739	15.2	56 Hamilton	739	15.2
28 Wayne	18,891	55.8	28 Genesee	11,172	56.4	28 Genesee	11,172	56.4
52 Long Island	408,215	25.6	52 Long Island	395,474	25.5	52 Long Island	395,474	25.5
Rest of State (excl. NYC and LI)	1,315,465	44.1	Rest of State (excl. NYC and LI)	1,289,819	43.9	Rest of State (excl. NYC and LI)	1,289,819	43.9
New York State (excl. NYC, incl. LI)	1,723,680	38.8	New York State (excl. NYC, incl. LI)	1,685,293	38.6	New York State (excl. NYC, incl. LI)	1,685,293	38.6

# Appendix L – Annual Taxable Sales and Purchases – 20-Year Trend (from Table 18a)

2013		2011		2009	
County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)
1 Hamilton	\$82,869	1 Hamilton	\$80,804	1 Hamilton	\$79,058
28 Wayne	\$951,267	28 Cattaraugus	\$944,703	28 Cattaraugus	\$932,483
56 Long Island	\$53,914,147	56 Long Island	\$50,866,554	56 Long Island	\$49,961,199
Rest of State (excl. NYC and LI)	\$124,540,060	Rest of State (excl. NYC and LI)	\$122,315,822	Rest of State (excl. NYC and LI)	\$115,942,417
New York State (excl. NYC, incl. LI)	\$178,454,207	New York State (excl. NYC, incl. LI)	\$173,182,376	New York State (excl. NYC, incl. LI)	\$165,903,616

2007		2005		2003	
County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)
1 Hamilton	\$82,842	1 Hamilton	\$78,562	1 Hamilton	\$68,980
28 Cayuga	\$851,074	28 Sullivan	\$834,122	28 Cayuga	\$754,692
56 Long Island	\$49,922,119	56 Long Island	\$47,045,549	56 Long Island	\$40,711,601
Rest of State (excl. NYC and LI)	\$110,630,194	Rest of State (excl. NYC and LI)	\$105,919,080	Rest of State (excl. NYC and LI)	\$96,759,328
New York State (excl. NYC, incl. LI)	\$160,552,313	New York State (excl. NYC, incl. LI)	\$152,964,628	New York State (excl. NYC, incl. LI)	\$137,470,929

2001		1999		1997	
County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)
1 Hamilton	\$68,839	1 Hamilton	\$59,820	1 Hamilton	\$54,426
28 Cattaraugus	\$742,685	28 Cattaraugus	\$643,358	28 Putnam	\$622,980
56 Long Island	\$38,192,934	56 Long Island	\$33,536,804	56 Long Island	\$30,979,505
Rest of State (excl. NYC and LI)	\$93,528,016	Rest of State (excl. NYC and LI)	\$81,504,854	Rest of State (excl. NYC and LI)	\$77,760,009
New York State (excl. NYC, incl. LI)	\$131,720,950	New York State (excl. NYC, incl. LI)	\$115,041,659	New York State (excl. NYC, incl. LI)	\$108,739,514

1995		1993	
County/Region	Annual Taxable Sales (reported in thousands)	County/Region	Annual Taxable Sales (reported in thousands)
1 Hamilton	\$53,335	1 Hamilton	\$48,236
28 Putnam	\$577,395	28 Wayne	\$546,130
56 Long Island	\$28,342,958	56 Long Island	\$25,850,294
Rest of State (excl. NYC and LI)	\$72,614,787	Rest of State (excl. NYC and LI)	\$68,232,146
New York State (excl. NYC, incl. LI)	\$100,957,745	New York State (excl. NYC, incl. LI)	\$94,082,440

**Appendix M – Total State Income Tax Paid by Full Year Residents – 20-Year Trend (from Table 19a)**

2013			2011			2009		
County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)	
1 Hamilton	\$3,207		1 Hamilton	\$3,385		1 Hamilton	\$3,064	
56 Long Island	\$6,122,517		56 Long Island	\$6,142,855		56 Long Island	\$5,383,994	
28 Madison	\$59,935		28 Madison	\$58,388		28 Columbia	\$55,169	
Nassau	\$3,519,211		Nassau	\$3,434,093		Nassau	\$3,003,748	
Suffolk	\$2,603,305		Suffolk	\$2,708,762		Suffolk	\$2,380,246	
Rest of State (excl. NYC and LI)	\$10,627,704		Rest of State (excl. NYC and LI)	\$10,515,754		Rest of State (excl. NYC and LI)	\$9,213,818	
New York State (excl. NYC, incl. LI)	\$16,750,221		New York State (excl. NYC, incl. LI)	\$16,658,609		New York State (excl. NYC, incl. LI)	\$14,597,812	
2007			2005			2003		
County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)	
1 Hamilton	\$3,368		1 Hamilton	\$2,963		1 Hamilton	\$2,758	
56 Long Island	\$5,941,703		56 Long Island	\$5,142,429		56 Long Island	\$4,281,019	
28 Clinton	\$54,859		28 St. Lawrence	\$49,996		28 Clinton	\$43,434	
Nassau	\$3,416,270		Nassau	\$2,956,888		Nassau	\$2,430,406	
Suffolk	\$2,525,433		Suffolk	\$2,185,541		Suffolk	\$1,850,613	
Rest of State (excl. NYC and LI)	\$10,271,317		Rest of State (excl. NYC and LI)	\$8,858,548		Rest of State (excl. NYC and LI)	\$7,467,788	
New York State (excl. NYC, incl. LI)	\$16,213,020		New York State (excl. NYC, incl. LI)	\$14,000,977		New York State (excl. NYC, incl. LI)	\$11,748,807	
2001			1999			1997		
County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)	
1 Hamilton	\$2,514		1 Hamilton	\$2,569		1 Hamilton	\$1,951	
56 Long Island	\$4,127,786		56 Long Island	\$3,980,397		56 Long Island	\$3,261,035	
28 Clinton	\$41,372		28 Madison	\$39,401		28 Columbia	\$33,586	
Nassau	\$2,373,619		Nassau	\$2,348,611		Nassau	\$1,935,469	
Suffolk	\$1,754,167		Suffolk	\$1,631,786		Suffolk	\$1,325,566	
Rest of State (excl. NYC and LI)	\$7,315,256		Rest of State (excl. NYC and LI)	\$6,965,989		Rest of State (excl. NYC and LI)	\$5,775,104	
New York State (excl. NYC, incl. LI)	\$11,443,042		New York State (excl. NYC, incl. LI)	\$10,946,386		New York State (excl. NYC, incl. LI)	\$9,036,139	
1995			1993					
County/Region	Tax Paid (reported in thousands)		County/Region	Tax Paid (reported in thousands)				
1 Hamilton	\$2,182		1 Hamilton	\$2,214				
56 Long Island	\$3,045,610		56 Long Island	\$2,865,973				
28 Warren	\$36,490		28 Madison	\$33,441				
Nassau	\$1,782,772		Nassau	\$1,709,793				
Suffolk	\$1,262,838		Suffolk	\$1,156,180				
Rest of State (excl. NYC and LI)	\$5,750,986		Rest of State (excl. NYC and LI)	\$5,361,657				
New York State (excl. NYC, incl. LI)	\$8,796,596		New York State (excl. NYC, incl. LI)	\$8,227,630				



## Appendix N

### Previous Long Island Education: Costs and Outcomes Reports

**Long Island Education:**

**Costs and Outcomes – August 2014**

*Long Island Association / The Long Island Education Coalition*

**Long Island Education:**

**Costs and Outcomes – August 2012**

*Long Island Association / The Long Island Education Coalition*

**Long Island Education:**

**Costs and Outcomes – August 2010**

*Long Island Association / The Long Island Education Coalition*

**Long Island Education:**

**Costs and Outcomes – August 2008**

*Long Island Association / The Long Island Education Coalition*

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

*Long Island Association / The Long Island Education Coalition*

**Long Island Education:**

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

*Long Island Education Coalition / Long Island Association*

**Long Island Education:**

**Facts on Costs and Outcomes, An Update – March 2003**

*Long Island Association / The Long Island Education Coalition*

**Reform of Educational Funding in New York State:**

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

*NCCSA and SCSSA*

**Long Island Education:**

**Facts on Costs and Outcomes, An Update – October 2000**

*Long Island Association / The Long Island Education Coalition*

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

**Long Island Education:**

**Facts on Costs and Outcomes, An Update – February 1998**

*The Long Island Education Coalition*

**Long Island Education:**

**Data and Facts on Costs and Outcomes – January 1996**

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

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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