



**Children's Educational Opportunity Foundation of Connecticut, Inc.
Measures of Success End of School Year Report: 2015-16
December 1, 2016**

Report Overview

CEO Scholar Eligibility Requirements

- Students must reside in Bridgeport, Hartford or New Haven.
- Family household income cannot exceed 200 percent of the federal poverty guidelines.
- CEO families may choose any private accredited K-8 school in Connecticut.
- CEO provides half of the private school tuition to a maximum of \$2,100/year – parents provide the balance.
- Students may enter CEO grades K-5 and will be may be eligible to continue their scholarship until grade 8.

Measures Used to Evaluate Performance Comparisons

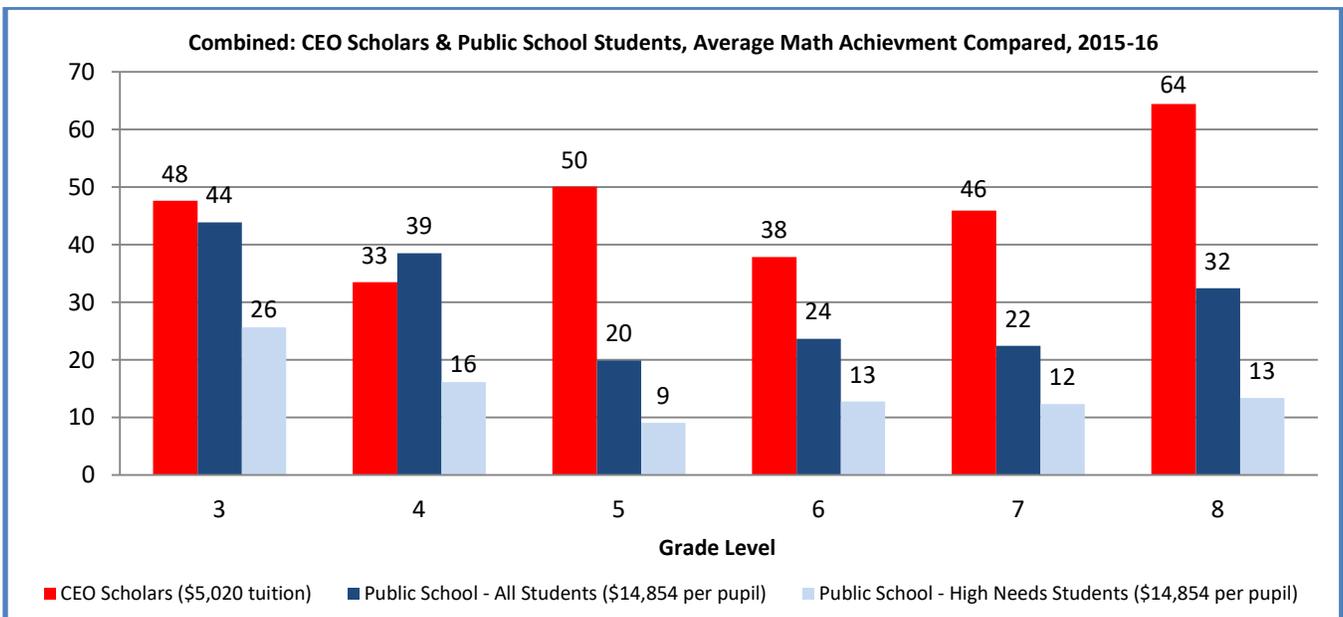
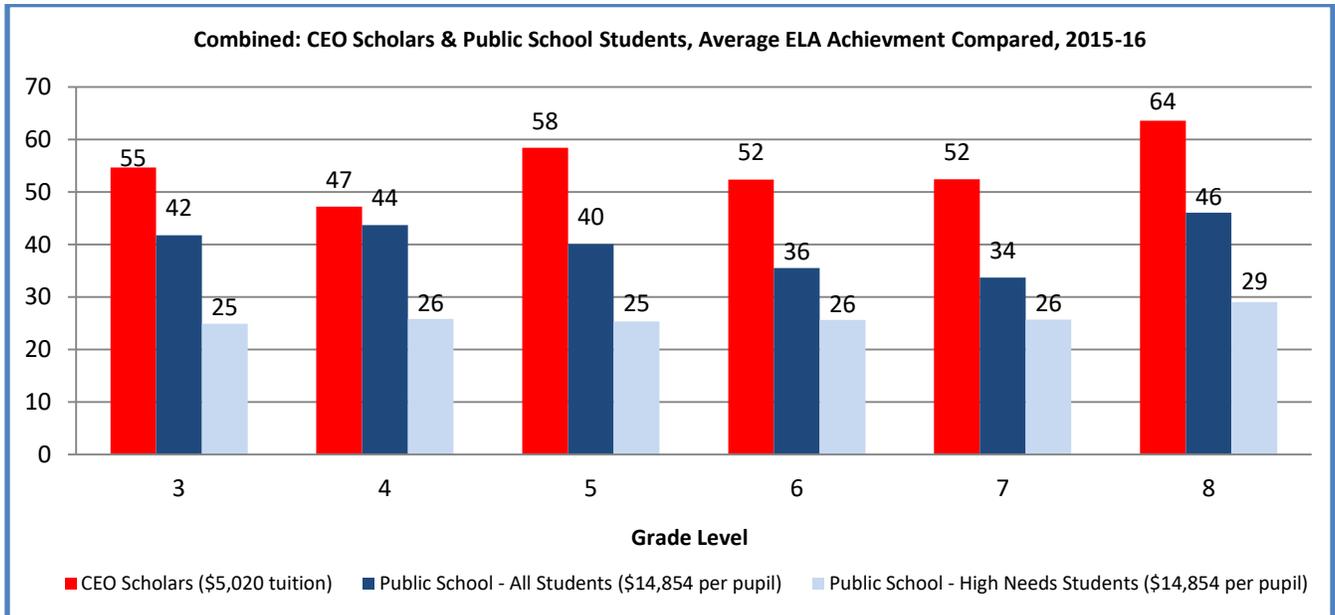
- Comparisons between CEO Scholars and their public school peers:
 - Standardized tests in grades 3 through 8 in English Language Arts (ELA) and Math
 - CEO Scholars' school grades in ELA and Math are measured - (public school comparisons not available)
 - CEO Scholars and their public school peers are tested in grades 3 through 8 for greater comparability.

Results

- CEO Scholars have higher achievement than their public school counterparts overall.
- CEO Scholars have significantly higher average achievement than their public school peers deemed “high needs.”
- “High Needs” students come from low-income families, are English learners, or have disabilities.
- All CEO Scholars would be considered “high needs” if they attended public schools.

Combined CEO Scholars & Public School Students, Achievement Rates Compared

- Nine out of 10 CEO Scholars take standardized tests that report results as national percentile ranks (NPR).
- Percentiles range from the 1st to the 99th percentile, with the average set at the 50th percentile.
- Thus 55 means that students scored better than 55 percent of all test-takers nationwide.
- Public school students in Connecticut take the Smarter Balanced assessment.
- Scores represent achievement levels ranging from 1 (standard not met) to 4 (exceeded standard).
- The public school scores below represent combined percentages of students scoring at Levels 3 (met standard) and 4 (exceeded standard).
- Thus 42 means that 42 percent of students scored at or above the grade-level subject standard.

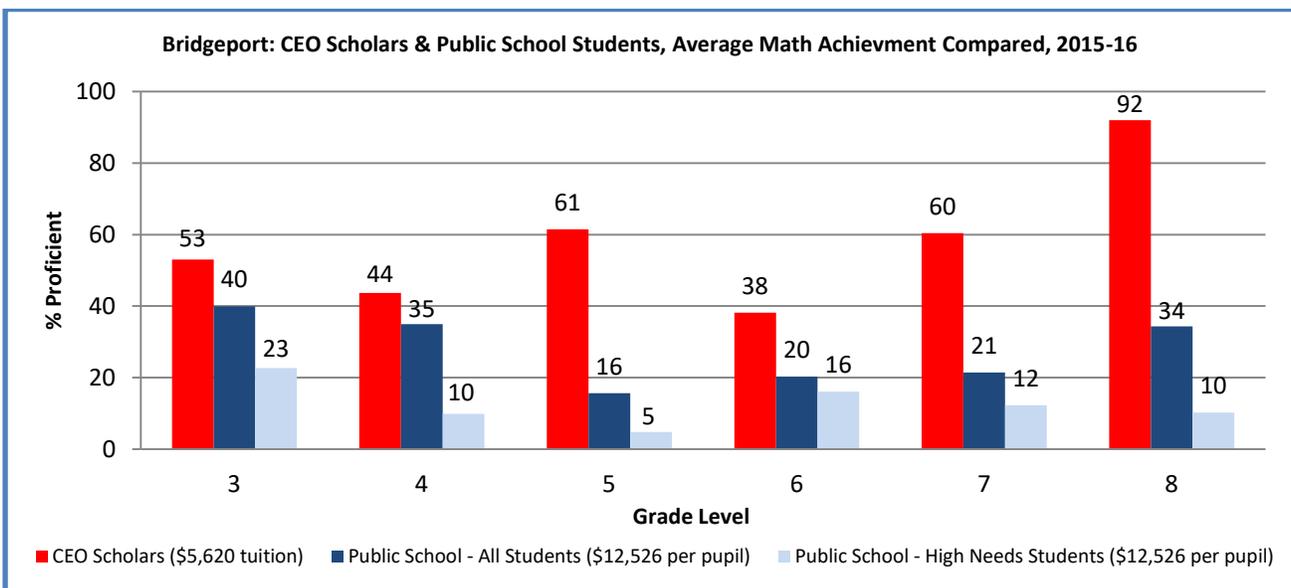
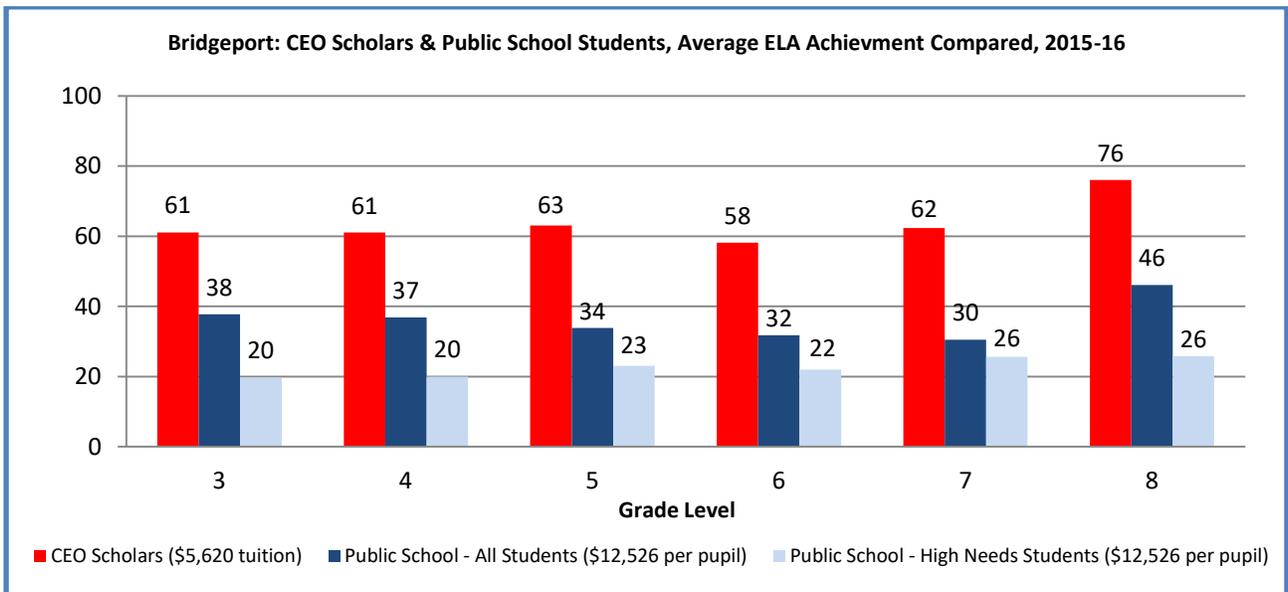


- Combined average per-pupil spending by Bridgeport, Hartford, and New Haven public schools is almost three times higher than the combined average tuition of private schools enrolling CEO Scholars in those same cities.
- CEO Scholars significantly outperform their public school peers, particularly high needs students from disadvantaged socio-economic backgrounds.
- CEO Scholars outperform their public school peers in both subjects across all grade levels with one exception:
 - Public school fourth graders (all) slightly exceed their CEO peers' performance in math, 39 percent average achievement compared to 33 percent.
- Public school fifth graders' math achievement is two-thirds lower than their CEO peers, all of whom would be considered high needs students.
- Close to two-thirds of CEO Scholars in grade 8 are achieving in ELA and math.
- A majority of their public school peers are not achieving in these core subjects in grade 8.
- Such results suggest that CEO Scholars have a much more solid foundation as they head off to high school, which helps increase the likelihood that they will graduate rather than drop out.



Bridgeport CEO Scholars & Public School Students, Achievement Rates Compared

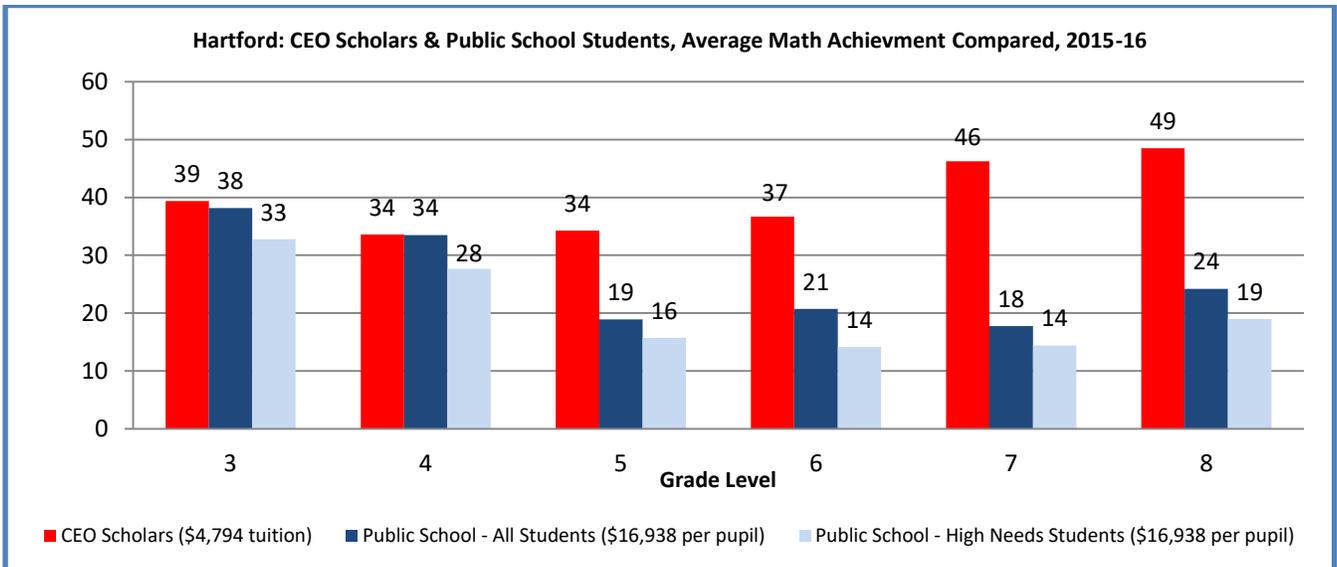
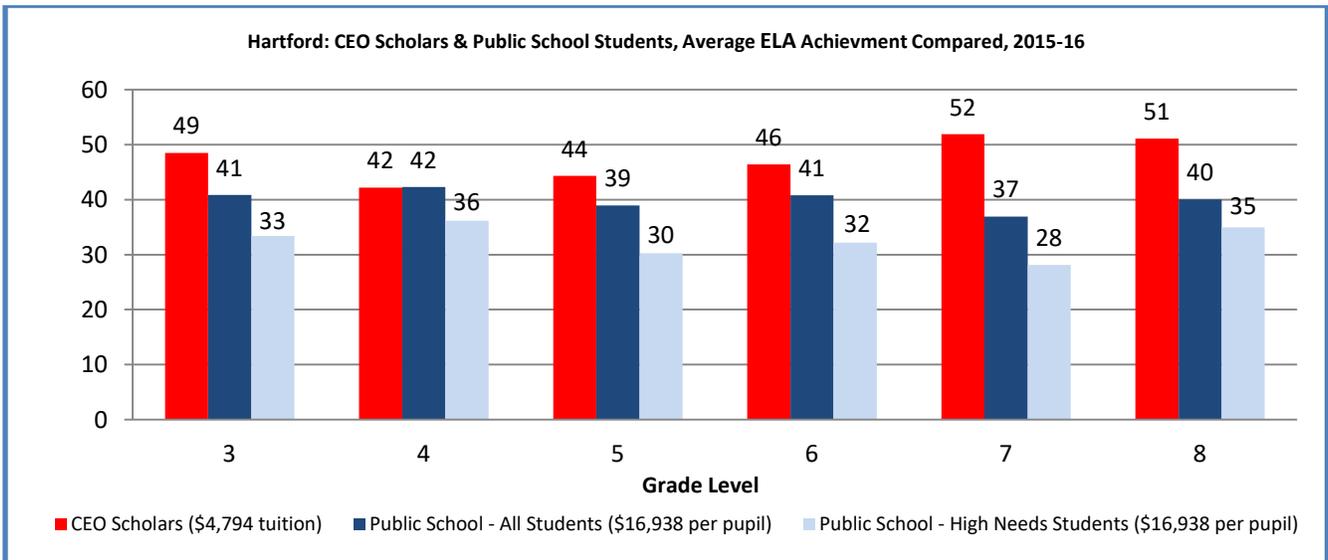
- The performance of Bridgeport CEO Scholars is notably higher than their public school peers in both subjects across all grade levels.
- More than three-fourths of CEO Scholars in grade 8 are achieving in ELA.
- More than nine out of 10 CEO Scholars in grade 8 are achieving in math.
- Average Bridgeport public school spending is more than twice the average tuition of private schools CEO Scholars attend.





Hartford: CEO Scholars & Public School Students, Achievement Compared, 2015-16

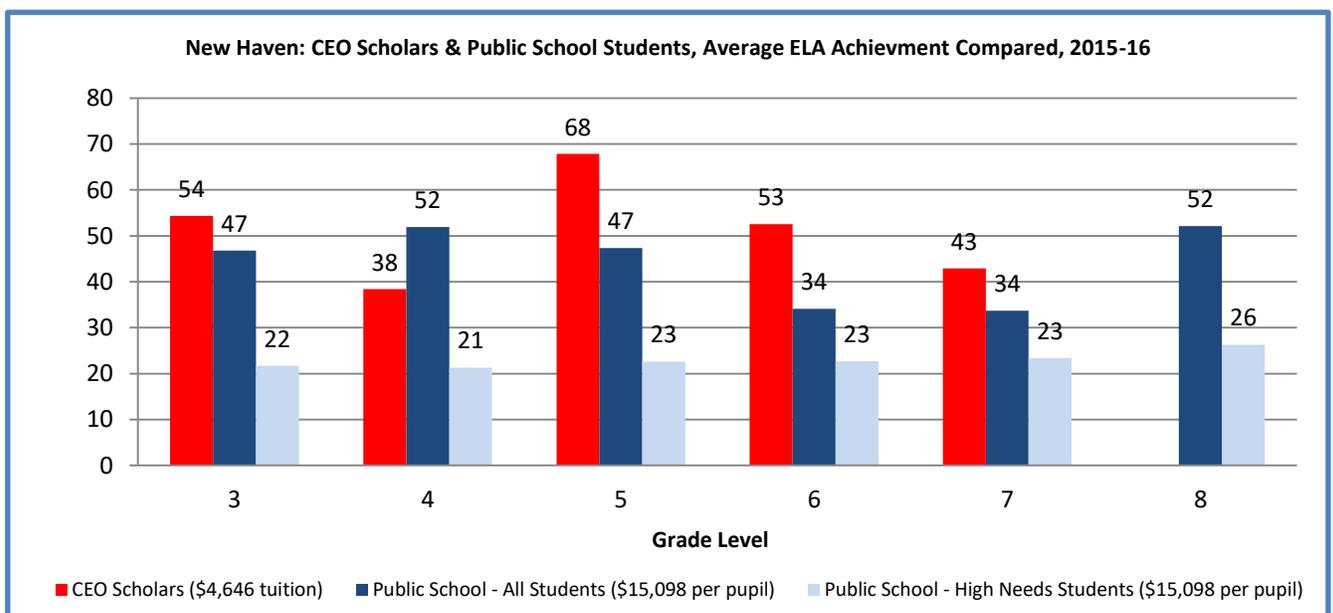
- The performance of Hartford CEO Scholars is higher than their public school peers except:
 - Fourth grade CEO Scholars and their public school peers (all) tie with a 42 percent ELA achievement rate.
 - Third grade CEO Scholars and their public school peers (all) tie with a 34 percent math achievement rate.
- Fifth grade onward, ELA and math achievement rates for CEO Scholars are notably higher.
- Average Hartford public school spending is more than three and a half times higher than the average tuition of private schools CEO Scholars attend.



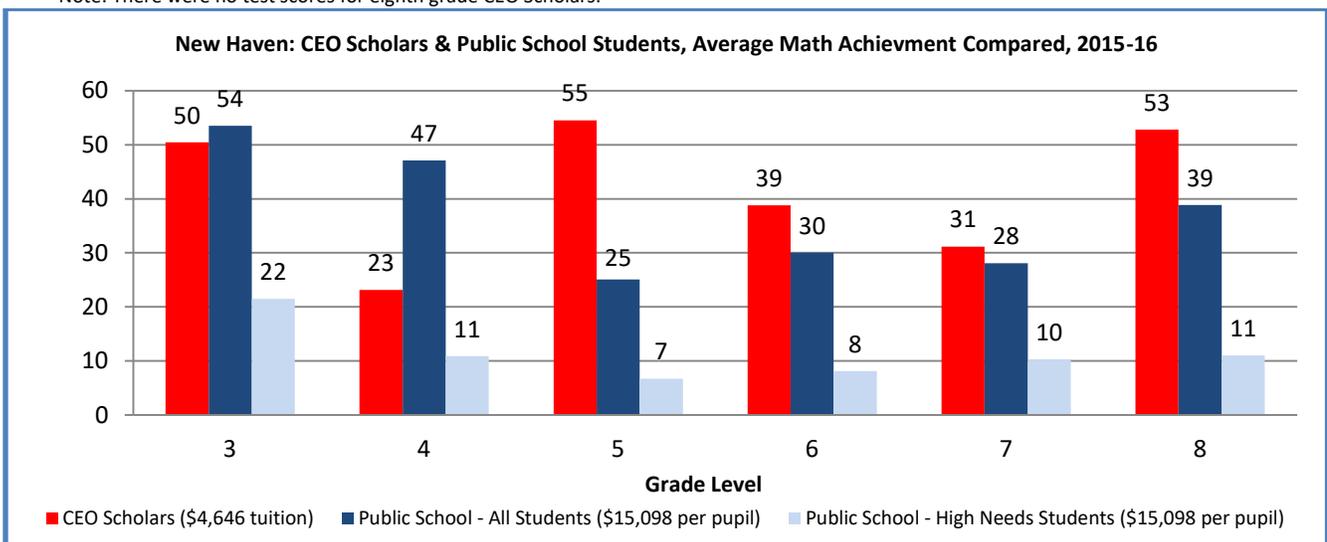


New Haven CEO Scholars & Public School Students, Achievement Compared, 2015-16

- The performance of New Haven CEO Scholars is higher than their public school peers except:
 - Third grade CEO Scholars have slightly lower math achievement than their public school peers (all).
 - Fourth grade CEO Scholars have lower ELA and math achievement than their public school peers (all).
- Fifth grade onward, ELA and math achievement rates for CEO Scholars are higher.
- Average New Haven public school spending is more than three times higher than the average tuition of private schools CEO Scholars attend.



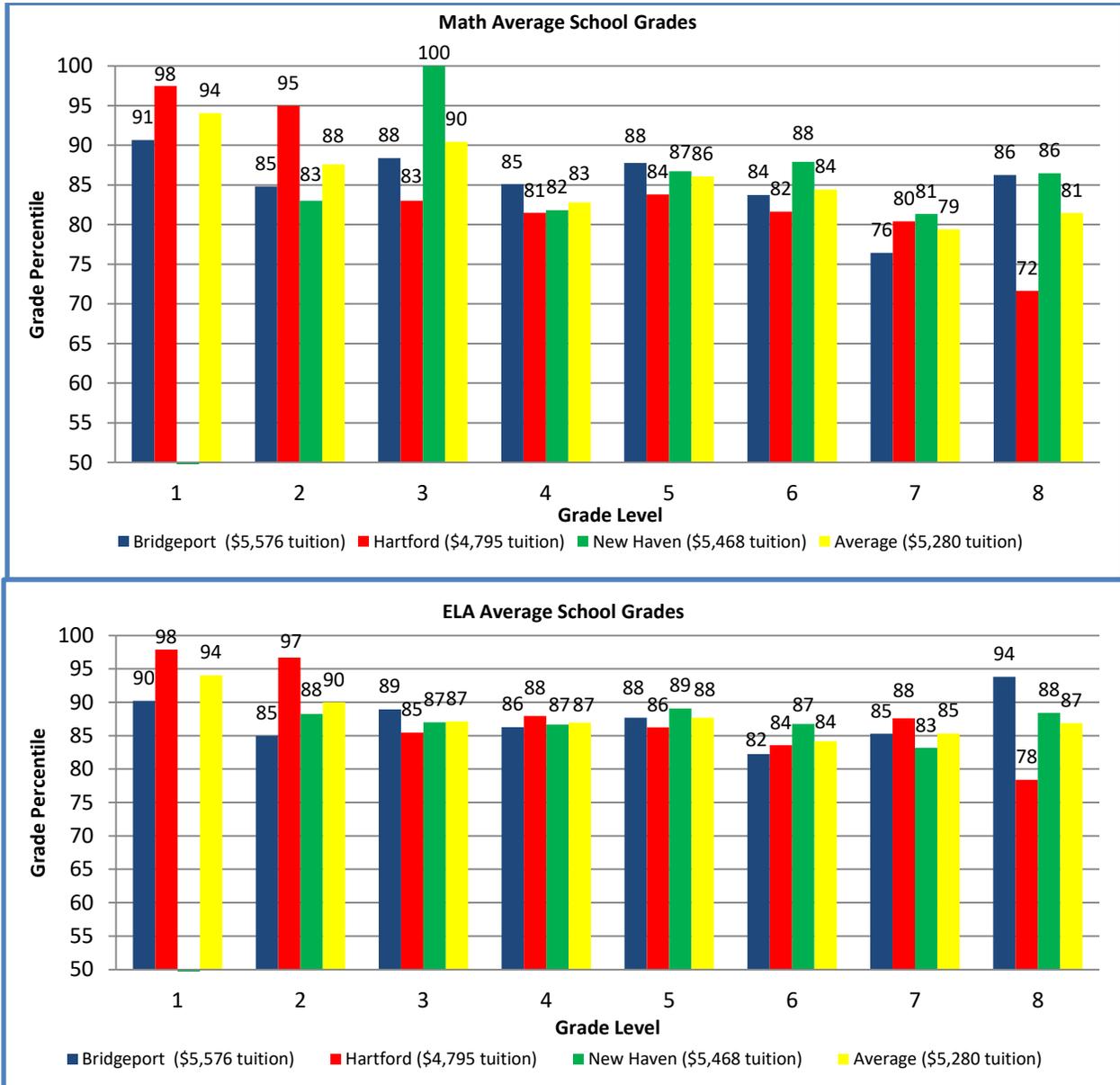
Note: There were no test scores for eighth grade CEO Scholars.





CEO Scholars' School Grades

- CEO Scholars' school grades across subjects and grade levels are well above average, overall in the mid- to high 80s, which is roughly equivalent to a letter grade of B or B+.



Source: CEO Scholar and tuition data were provided by CEO. Notes:

- Grades are presented as numbers according to the following general grading scale: A, 90-100; B, 80-89; C, 70-79; D, 60-69; and F, 59 and below.
- No New Haven private school enrolled and/or graded CEO Scholars in first grade.
- The single St. Mary's (New Haven) 8th grade ELA grade of 0 was excluded because it was likely an error; however, this exclusion does not materially affect the city or combined grade averages.
- Grades for 234 CEO Scholars were provided: 111 from Bridgeport; 56 from Hartford; and 67 from New Haven.

CEO Scholars with Standardized Test Scores by School and Grade Levels, 2015-16

- Private schools use a variety of standardized tests to measure student performance in ELA and math in most grades.
- 31 private schools attended by CEO Scholars administered standardized tests.
- 202 CEO Scholars were tested, and results were reported for 195 of them (96.5 percent).
- CEO funding for these students totaled \$393,155 in scholarships averaging \$2,063 each.
- Tuition at private schools attended by these CEO Scholars averaged \$5,020.

# CEO Scholars with Standardized Test Scores by School, 2015-16						# CEO Scholars with Test Scores by Grade Level								
SCHOOL NAME	CITY	Total CEO Scholars Tested	Average Tuition	Average Scholarship	Total Scholarship Funding	1	2	3	4	5	6	7	8	Total
BRIDGEPORT														
BRIDGEPORT HOPE SCHOOL	BRIDGEPORT	8	\$4,700	\$2,100	\$16,800	1	1	1	1	2	1	0	1	8
CATHEDRAL ACADEMY LOWER SCH.	BRIDGEPORT	12	\$4,100	\$2,050	\$24,497	0	0	3	3	2	2	2	0	12
CHRISTIAN HERITAGE SCHOOL	TRUMBULL	4	\$12,000	\$2,100	\$8,400	0	0	1	1	1	1	0	0	4
FAIRFIELD COUNTRY DAY SCHOOL	FAIRFIELD	2	*	*	*	*	*	*	*	*	*	*	*	2
FAIRFIELD COUNTY SDA SCHOOL	BRIDGEPORT	15	\$5,040	\$2,100	\$31,500	0	0	3	3	3	4	2	0	15
LOVE CHRISTIAN ACADEMY	BRIDGEPORT	5	*	*	*	*	*	*	*	*	*	*	*	5
MILFORD CHRISTIAN ACADEMY	MILFORD	4	\$4,000	\$1,981	\$7,925	0	1	0	1	1	0	1	0	4
OUR LADY OF THE ASSUMPTION SCH.	FAIRFIELD	6	\$5,872	\$2,100	\$12,600	0	0	2	1	3	0	0	0	6
ST ANDREW ACADEMY	BRIDGEPORT	7	\$4,990	\$2,100	\$14,700	0	0	2	1	2	2	0	0	7
ST ANN ACADEMY	BRIDGEPORT	10	\$4,925	\$2,100	\$21,000	0	0	4	1	2	2	1	0	10
ST JAMES SCHOOL	STRATFORD	5	\$5,444	\$2,100	\$10,500	0	0	0	1	2	1	1	0	5
ST MARK SCHOOL	STRATFORD	2	\$5,350	\$2,100	\$4,200	0	0	1	0	0	1	0	0	2
ST THERESA SCHOOL	TRUMBULL	10	\$5,400	\$2,100	\$21,000	0	0	5	2	2	1	0	0	10
SUBTOTALS/AVERAGES		90	\$5,620	\$2,085	\$173,122	1	2	22	15	20	15	7	1	83
HARTFORD														
CORPUS CHRISTI SCHOOL	WETHERSFIELD	4	\$4,640	\$2,100	\$8,400	0	0	0	1	2	0	1	0	4
HARTFORD AREA SD A SCHOOL	HARTFORD	3	\$4,000	\$2,100	\$6,000	0	0	2	0	0	1	0	0	3
NEW TESTAMENT BAPTIST CHURCH SCH.	E. HARTFORD	9	\$4,900	\$2,100	\$18,900	2	2	1	3	1	0	0	0	9
PRAISE POWER & PRAYER CHR. SCH.	WINDSOR	3	\$4,500	\$2,100	\$6,300	0	2	0	0	1	0	0	0	3
ST AUGUSTINE SCHOOL	HARTFORD	24	\$3,738	\$1,866	\$44,800	0	0	2	7	7	2	6	0	24
ST BRIDGET SCHOOL	CHESHIRE	1	\$4,460	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST BRIGID SCHOOL	W. HARTFORD	7	\$4,807	\$2,100	\$14,700	0	0	1	1	1	3	1	0	7
ST CHRISTOPHER SCHOOL	E. HARTFORD	2	\$4,020	\$1,954	\$3,908	0	0	0	0	1	1	0	0	2
ST MARY SCHOOL	NEWINGTON	1	\$4,735	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST TIMOTHY MIDDLE SCHOOL	W. HARTFORD	1	\$8,135	\$2,100	\$2,100	0	0	0	0	0	1	0	0	1
SUBTOTALS/AVERAGES		55	\$4,794	\$2,062	\$109,308	2	4	6	12	15	8	8	0	55
NEW HAVEN														
ALL NATIONS CHRISTIAN ACADEMY	NEW HAVEN	3	\$5,000	\$2,100	\$6,300	0	1	2	0	0	0	0	0	3
SOUTHERN CT. HEBREW ACADEMY	ORANGE	8	\$5,650	\$2,100	\$16,800	3	0	3	0	2	0	0	0	8
ST AEDAN/ST BRENDAN SCHOOL	NEW HAVEN	14	\$4,550	\$2,100	\$29,400	0	0	2	3	3	3	3	0	14
ST BERNADETTE CATHOLIC SCHOOL	NEW HAVEN	5	\$5,000	\$2,100	\$10,500	0	0	0	1	0	2	2	0	5
ST FRANCIS & ST ROSE OF LIMA SCH.	NEW HAVEN	21	\$3,450	\$1,725	\$35,500	0	0	6	5	6	4	0	0	21
ST LAWRENCE SCHOOL	W. HAVEN	4	\$4,000	\$2,000	\$8,025	0	0	0	1	2	0	1	0	4
ST RITA SCHOOL	HAMDEN	1	\$5,116	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST STEPHEN SCHOOL	HAMDEN	1	\$4,400	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
SUBTOTALS/AVERAGES		57	\$4,646	\$2,041	\$110,725	3	1	13	10	15	9	6	0	57
GRAND TOTALS/AVERAGES		202	\$5,020	\$2,063	\$393,155	6	7	41	37	50	32	21	1	195

CEO Scholars with School Grades by School and Grade Levels, 2015-16

- Thirty private schools enrolling CEO Scholars issue grades based on a numerical scale.
- 234 CEO Scholars were graded in ELA and math.
- CEO funding for these students totaled \$473,027 in scholarships averaging \$2,049 each.
- Tuition at private schools attended by these CEO Scholars averaged \$5,280.

# CEO Scholars with School Grades by School, 2015-16						# CEO Scholars with School Grades by Grade Level								
SCHOOL NAME	CITY	Total CEO Scholars Graded	Average Tuition	Average Scholarship	Total Scholarship Funding	1	2	3	4	5	6	7	8	Total
BRIDGEPORT														
BRIDGEPORT HOPE SCHOOL	BRIDGEPORT	6	\$4,700	\$2,100	\$12,600	0	0	1	1	2	1	0	1	6
CATHEDRAL AC. LOWER SCH.	BRIDGEPORT	11	\$4,100	\$2,041	\$24,497	0	0	2	4	2	1	2	0	11
CHRISTIAN HERITAGE SCHOOL	TRUMBULL	4	\$13,000	\$2,100	\$8,400	0	0	0	1	1	1	0	1	4
FAIRFIELD COUNTY SDA SCH.	BRIDGEPORT	15	\$5,040	\$2,100	\$31,500	0	0	0	3	3	3	4	2	15
LOVE CHRISTIAN ACADEMY	BRIDGEPORT	4	\$4,000	\$2,000	\$8,000	0	0	1	3	0	0	0	0	4
MILFORD CHRISTIAN ACADEMY	MILFORD	4	\$4,000	\$1,775	\$7,925	0	0	1	0	2	0	0	1	4
OUR LADY OF THE ASSUMPTION SCH.	FAIRFIELD	7	\$5,872	\$2,100	\$14,700	0	1	1	2	2	0	1	0	7
ST ANDREW ACADEMY	BRIDGEPORT	13	\$4,990	\$2,100	\$27,300	5	0	2	1	2	2	0	1	13
ST ANN ACADEMY	BRIDGEPORT	13	\$4,925	\$2,100	\$27,300	2	1	4	1	2	2	1	0	13
ST JAMES SCHOOL	STRATFORD	10	\$5,533	\$2,100	\$21,000	2	2	0	2	2	1	1	0	10
ST MARK SCHOOL	STRATFORD	3	\$5,350	\$2,100	\$6,300	0	0	2	0	0	1	0	0	3
ST THERESA SCHOOL	TRUMBULL	21	\$5,400	\$2,100	\$44,100	5	2	5	4	3	0	2	0	21
SUBTOTALS/AVERAGES		111	\$5,576	\$2,060	\$233,622	14	6	19	22	21	12	11	6	111
HARTFORD														
CORPUS CHRISTI SCHOOL	WETHERSFIELD	5	\$4,906	\$2,100	\$10,500	0	0	0	1	2	0	1	1	5
HARTFORD AREA SD A SCHOOL	HARTFORD	4	\$4,000	\$2,000	\$8,000	0	0	2	0	1	1	0	0	4
NEW TESTAMENT BAPTIST CHURCH SCH.	E. HARTFORD	7	\$4,800	\$2,100	\$14,700	2	1	1	2	1	0	0	0	7
PRAISE POWER & PRAYER CHR. SCH.	WINDSOR	3	\$4,500	\$2,100	\$6,300	0	1	0	1	1	0	0	0	3
ST AUGUSTINE SCHOOL	HARTFORD	21	\$3,747	\$1,874	\$39,350	0	0	0	8	3	6	4	0	21
ST BRIDGET SCHOOL	CHESHIRE	1	\$4,460	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST BRIGID SCHOOL	W. HARTFORD	9	\$4,861	\$2,100	\$18,900	0	0	0	2	1	3	1	2	9
ST CHRISTOPHER SCHOOL	E. HARTFORD	2	\$3,908	\$1,954	\$3,908	0	0	0	0	1	1	0	0	2
ST MARY SCHOOL	NEWINGTON	1	\$4,435	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST PAUL SCHOOL	KENSINGTON	1	\$5,025	\$2,100	\$2,100	0	0	0	0	0	0	0	1	1
ST TIMOTHY MIDDLE SCHOOL	W. HARTFORD	2	\$8,100	\$2,100	\$4,200	0	0	0	0	0	1	0	1	2
SUBTOTALS/AVERAGES		56	\$4,795	\$2,057	\$112,158	2	2	3	14	12	12	6	5	56
NEW HAVEN														
SOUTHERN CT. HEBREW ACAD.	ORANGE	14	\$11,082	\$2,100	\$29,400	0	4	3	2	2	2	0	1	14
ST AEDAN/ST BRENDAN SCH.	NEW HAVEN	14	\$4,550	\$2,100	\$28,000	0	0	0	2	3	3	3	3	14
ST BERNADETTE CATHOLIC SCH	NEW HAVEN	7	\$5,000	\$2,100	\$14,700	0	0	0	1	1	2	2	1	7
ST FRANCIS & ST ROSE OF LIMA SCH.	NEW HAVEN	26	\$3,310	\$1,647	\$42,897	0	0	0	6	10	4	2	4	26
ST LAWRENCE SCHOOL	W. HAVEN	3	\$4,012	\$1,983	\$5,950	0	0	0	2	0	1	0	0	3
ST. MARY	MILFORD	1	\$6,275	\$2,100	\$2,100	0	0	0	0	0	0	0	1	1
ST RITA SCHOOL	HAMDEN	1	\$5,116	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
ST STEPHEN SCHOOL	HAMDEN	1	\$4,400	\$2,100	\$2,100	0	0	0	0	1	0	0	0	1
SUBTOTALS/AVERAGES		67	\$5,468	\$2,029	\$127,247	0	4	3	13	18	12	7	10	67
GRAND TOTALS/AVERAGES		234	\$5,280	\$2,049	\$473,027	16	12	25	49	51	36	24	21	234

Summary of Tests Used by Participating Private Schools by City, 2015-16

Tests Taken by CEO Scholars	Bridgeport		Hartford		New Haven		Combined	
	# Students	% Students						
Developmental Reading Assessment (DRA)	0	0%	0	0%	3	5%	3	2%
Bob Jones University (BJU)	0	0%	9	16%	0	0%	9	5%
Iowa	15	18%	43	78%	54	95%	112	57%
Stanford	8	10%	3	5%	0	0%	11	6%
Terra Nova	60	72%	0	0%	0	0%	60	31%
Total Students	83	100%	55	100%	57	100%	195	100%

Note: A total of 202 CEO Scholars were tested. Results were reported for 195 of them.