BOARD OF COOPERATIVE EDUCATIONAL SERVICES
REPORT CARD

Career and Technical Education

Alternative Education

Adult Career and Technical Education

Adult Basic Education

Special Education

Professional Development

Technology Services

School Library System Services

2016-2017 Expenses

2016-2017

Nassau BOCES

Nassau BOCES
Board of Cooperative Educational Services
2016-2017 Report Card

Table of Contents

Prior editions of the BOCES Report Card included other data representing information on component districts.

The following data were not included in this report.

- ❖ State Testing Program for All Component Districts
- ❖ Graduation Results

Nassau BOCES
2890

Component Districts

- Baldwin UFSD
- Bellmore UFSD
- Bellmore-Merrick CSD
- Bethpage UFSD
- Carle Place UFSD
- East Meadow UFSD
- East Rockaway UFSD
- East Williston UFSD
- Elmont UFSD
- Farmingdale UFSD
- Floral Park-Bellerose UFSD
- Franklin Square UFSD
- Freeport UFSD
- Garden City UFSD
- Glen Cove City SD
- Great Neck UFSD
- Hempstead UFSD
- Herricks UFSD
- Hewlett Woodmere UFSD
- Hicksville UFSD
- Island Park UFSD
- Island Trees UFSD
- Jericho UFSD
- Lawrence UFSD
- Levittown UFSD
- Locust Valley CSD
- Long Beach CSD
- Lynbrook UFSD

- Malverne UFSD
- Manhasset UFSD
- Massapequa UFSD
- Merrick UFSD
- Mineola UFSD
- New Hyde Pk-Garden City Pk UFSD
- North Bellmore UFSD
- North Merrick UFSD
- North Shore CSD
- Oceanside UFSD
- Oyster Bay-East Norwich CSD
- Plainedge UFSD
- Plainview-Old Bethpage CSD
- Port Washington UFSD
- Rockville Centre UFSD
- Roosevelt UFSD
- Roslyn UFSD
- Seaford UFSD
- Sewanhaka Central HS
- Syosset CSD
- Uniondale UFSD
- Valley Stream Central HS
- Valley Stream UFSD #13
- Valley Stream UFSD #24
- Valley Stream UFSD #30
- Wantagh UFSD
- West Hempstead UFSD
- Westbury UFSD

Indicators of BOCES Performance

Career & Technical Education (CTE)

BOCES CTE classes, offered primarily on a half-day basis, prepare high school students from component districts for skilled work force careers. Most CTE programs require two years to complete.

	General Education Students	Students with Disabilities	General Education Students	Students with Disabilities
Number of 11th/12th grade students enrolled in a CTE two-year sequence:	**2015-16**	**2015-16**	**2016-17**	**2016-17**
First-year students	453	322	483	361
Second-year students	301	200	301	220
Second-year students completing	282	173	289	207
Completers with technical endorsement	203	93	218	103

Other Career-Related Programs

Number of 11th/12th grade students enrolled in one-year programs:

"New Vision"	0	0	0	0
Participated 1 yr of a CTE Program	36	35	53	32
Other one-year programs	0	12	0	15

Tuition Per Student for CTE Programs
Data Source: 602 Report

$12,485	$12,423	$9,859
2015-16 This BOCES	**2016-17 This BOCES**	**2016-17 State Avg.**
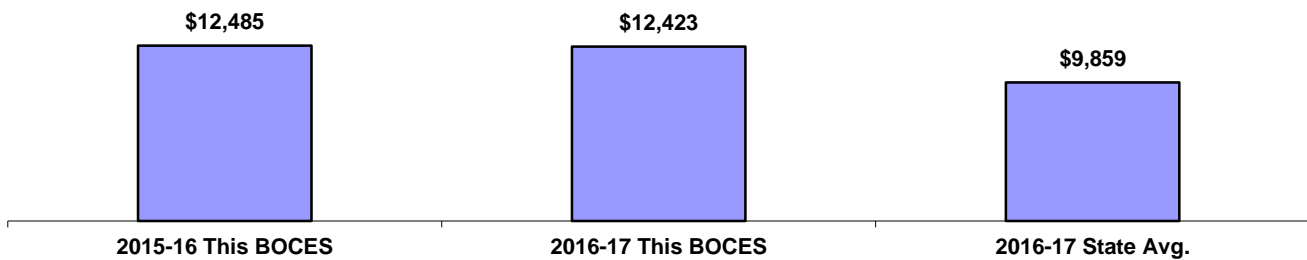
*Number Enrolled in CTE Programs as a Percent of all Juniors and Seniors in Component District High Schools
Data Source: SIRS

4.0	4.1	4.2
2014-15 %	**2015-16 %**	**2016-17 %**
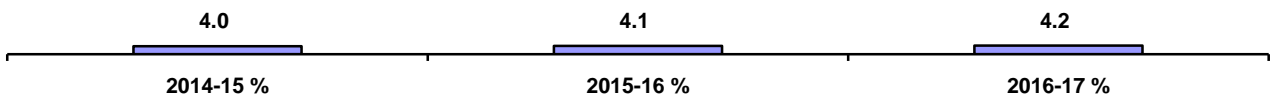
* Data Include General Education and Students with Disabilities. *Data Source: SIRS*

CTE Student Performance on Perkins Indicators
Who Left School in 2016

Data Source: SIRS

	ELA Regents Success	Math Regents Success	Technical Assessment	HS Completion
☐State Performance Target	75.00%	69.00%	74.75%	83.50%
■All CTE Students	82.90%	83.00%	72.50%	86.80%
☐Students w/Disabilities	65.80%	64.10%	66.00%	80.40%
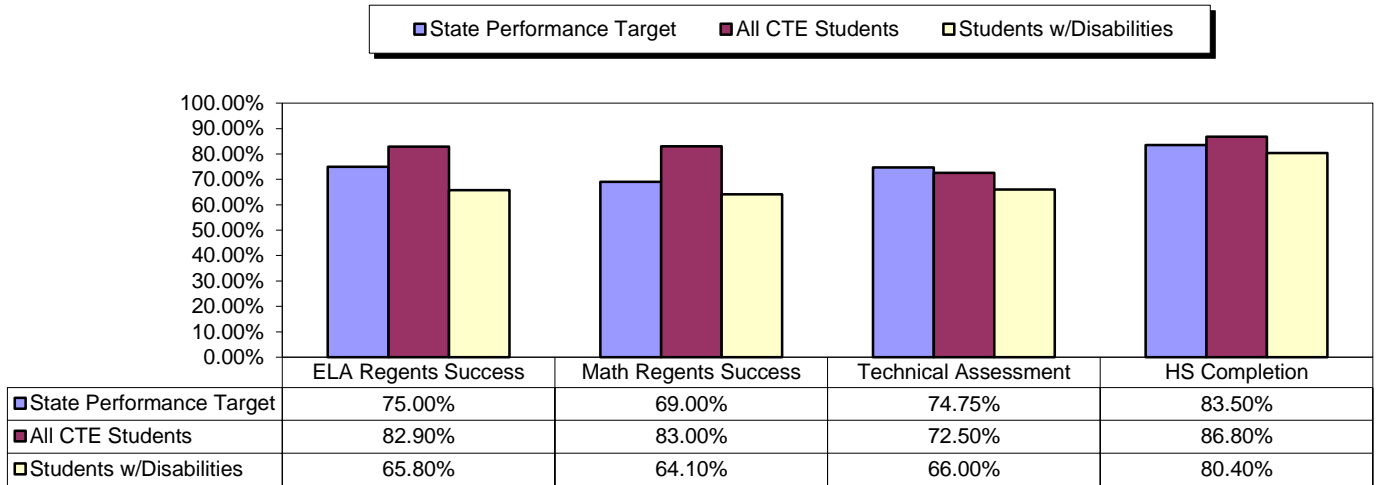
Status of Career and Technical Education (CTE) Students
2016 Placement Outcomes

BOCES Surveys CTE concentrators six months after they last attended their CTE program to determine if they are employed or continuing their education. *Data Source: CTE Placement Report*
http://www.p12.nysed.gov/cte/perkins4/docs/ReportCardfor17-18.pdf

Total Placement

This BOCES	State Target
95.35%	91.5 %

General Education Development Leading to (GED)
For CTE Students Age 16-18
2016-2017

The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.
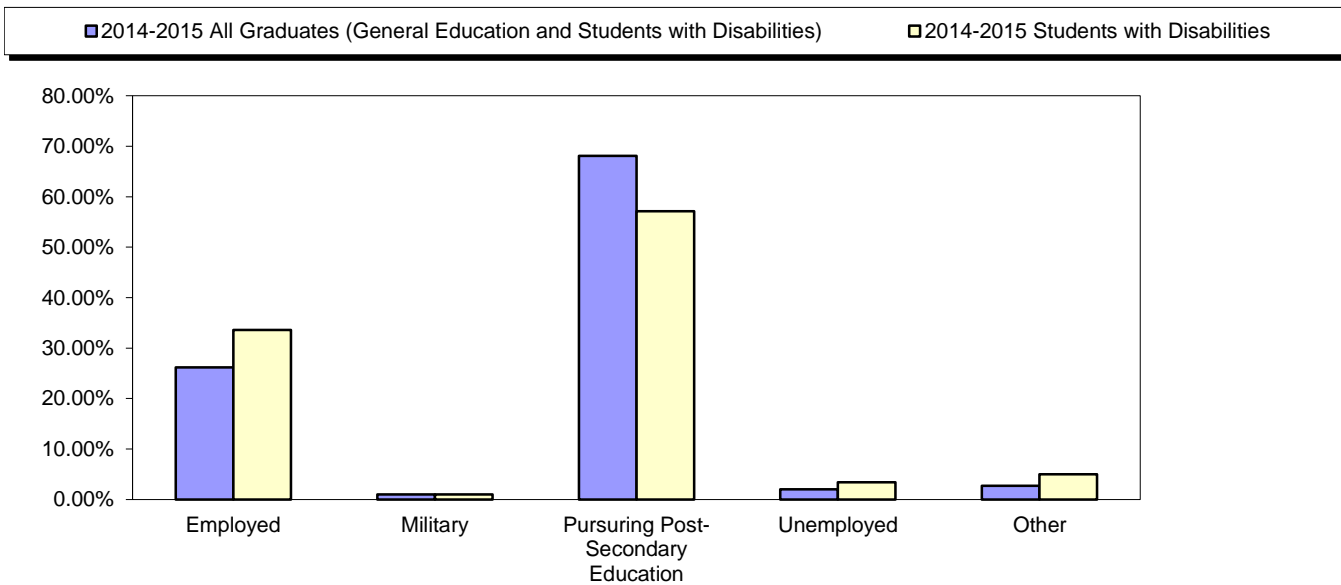
Number of students who:	Grades 9-12 Programs Leading GED	
	Half-day	Full-day
Enrolled	177	0
Passing Rate of Students Tested	60%	0
Remained / Still Enrolled in the Program	155	0
Left the program and did not enter another district or BOCES program (dropouts)	10	0
Returned to School District:	2	0

Alternative Education

BOCES operates full-day and/or half-day programs for general-education students who have been identified as having special needs not being met in school district programs. Programs may include academics, vocational skills, work-study, specialized activities or a combination of these. The BOCES Report Card includes alternative education program enrollment and outcome data for students in grades 5 through 8, as well as students in programs leading to high school diplomas or high school equivalency diplomas.

Alternative Education Program Enrollment
June 30, 2017

2016-2017 Per Student Tuition

0 0	0 0	0 0
Grades 5-8	**Grades 9-12 HS Diplomas**	**Grades 9-12 HS Equivalency**

☐ **Full-Day** ■ **Half-Day**

$0 $0	$0 $0
Grades 5-8	**Grades 9-12**

☐ **Full-day** ■ **Half-day**
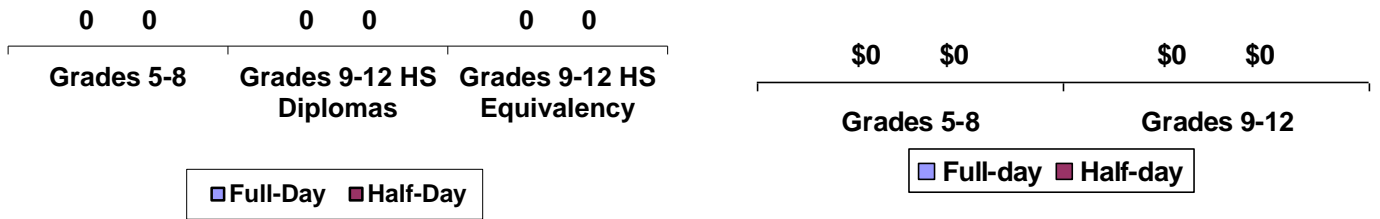
Alternative Education Outcomes

The objective of the alternative education program is to retain students until they graduate or return to a regular school setting. Students counted as leaving programs may have done so for a variety of reasons including relocation, medical problems, childcare, incarceration or entering other education programs.

Number of students who:	Grades 5-8		Grades 9-12 Programs Leading to HS Diploma		Grades 9-12 Programs Leading to HS Equivalency Diplomas	
	Full-day	Half-day	Full-day	Half-day	Half-day	Full-day
Returned to a school district program	0	0	0	0	0	0
Remained in the BOCES program	0	0	0	0	0	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	0	0	0	0
Received high school diplomas			0	0		

Alternative Education State Testing Program
2016-2017 School Year

State Assessment- Regents Exams	Counts of Students Tested				Percentage of Students Tested		
	Below 55	55-64	65 and Above	Total	Below 55 - Percent	55-64 - Percent	65 and Above - Percent
Integrated Algebra	0	0	0	0	0.0%	0.0%	0.0%
Geometry	0	0	0	0	0.0%	0.0%	0.0%
Algebra 2/ Trigonometry	0	0	0	0	0.0%	0.0%	0.0%
Living Environment	0	0	0	0	0.0%	0.0%	0.0%
Physical Setting/ Earth Science	0	0	0	0	0.0%	0.0%	0.0%
Physical Setting/ Chemistry	0	0	0	0	0.0%	0.0%	0.0%
Physical Setting/ Physics	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive French	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Italian	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Spanish	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Exam in English	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography	0	0	0	0	0.0%	0.0%	0.0%
United States History and Government	0	0	0	0	0.0%	0.0%	0.0%

Alternative Education Performance of Students
2016-2017 School Year

State Assessment-RCT Exams	Counts of Students Tested				Percentage of Students Tested		
	Below 55	55-64	65 and above	Total	Below 55 Percent	55-64 Percent	65 and Above Percent
RCT – Grade 10 Mathematics	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 Mathematics	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 Mathematics	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 10 Science	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 Science	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 Science	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 10 Global Studies	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 Global Studies	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 Global Studies	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 Reading	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 Reading	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 Writing	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 Writing	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 11 United States History & Gov't.	0	0	0	0	0.0%	0.0%	0.0%
RCT – Grade 12 United States History & Gov't.	0	0	0	0	0.0%	0.0%	0.0%

Adult Career and Technical Education (CTE)

Adult CTE programs enhance academic and workplace skills and enable participants to gain employment or career advancement. *Data Source: ASISTS*

	This BOCES Count	This BOCES Percentage	BOCES Statewide Average
All CTE Programs			
Enrolled during 2015-16	1,300	--	--
Continuing Enrollment after 2015-16	338	26.00%	16.10%
Completed or Left During 2015-16	962	74.00%	84.89%
Left Prior to Completion During 2015-16	67	6.96%	13.48%
Completed by the End of 2015-16	895	93.04%	87.31%
Completed or Left During 2015-16 and Status Known	69	7.17%	71.30%
Completed/Left/Status Known and Successfully Placed*	52	75.36%	77.06%
Completed but Not seeking Employment	17	24.64%	3.15%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2015-16	950	--	--
Under-Represented Gender Members Enrolled During 2015-16	14	--	--
Completed a Non-Traditional Program By the End of 2015-16	690	72.63%	77.98%
Under-Represented Gender Members Who Completed	8	57.14%	78.22%

* Successfully Placed means placed in employment, the military or in additional education.

Adult Basic Education

Based on data reported for the National Reporting System (NRS) for adult education programs, enrollment in adult basic education programs for 2016-2017 was 1809.

Educational Gain

Under the NRS, educational gain is the primary goal for students in adult beginning/intermediate programs, adult secondary (low) programs, and in English for speakers of other languages programs.   Students are counted as achieving educational gain if they exceed established reference points in their standardized test scores between enrollment and re-testing.

Educational Program	Enrollment 2014-15	Enrollment 2015-16	Enrollment 2016-17	Educational Gain 2014-15	Percent	Educational Gain 2015-16	Percent	Educational Gain 2016-17	Percent
Adult Beginning/ Intermediate	257	257	219	115	62.0%	110	42.8%	116	53.0%
Adult Secondary (Low)	11	7	2	5	45.0%	3	42.0%	0	0.0%
ESOL	1,546	1,600	1,586	1,123	62.0%	1,083	67.7%	1,052	66.3%

Other Outcomes (2014-15 through 2016-17)

The following outcome measures are consistent with the National Reporting System (NRS) for adult education. Students in adult secondary (high) programs are considered to have a primary goal of obtaining a secondary or high school equivalency diploma. For all other outcomes, the student achievements correlate to the students indicating those goals at intake.

Other Outcomes	Students with Goal 2014-15	Students with Goal 2015-16	Students with Goal 2016-17	Students Achieving Goal 2014-15	Percent	Students Achieving Goal 2015-16	Percent	Students Achieving Goal 2016-17	Percent
Entered employment	16	13	NA	12	75.0%	10	77.0%	NA	0.0%
Retained employment	27	18	NA	23	85.0%	18	100.0%	NA	0.0%
Obtained secondary or HS equivalency diploma	41	16	NA	41	100.0%	16	100.0%	NA	0.0%
Entered post-secondary education or training	43	23	NA	35	81.0%	18	78.0%	NA	0.0%

Special Education

Special Education Enrollment and Tuition

When placing students, districts select among classrooms with different student/staff ratios consistent with each student's Individualized Education Program (IEP). The following are four of the alternatives:

- ❖ 12 students per teacher plus one paraprofessional (12:1:1)
- ❖ 6 students per teacher plus one paraprofessional (6:1:1)
- ❖ 12 students per teacher plus four paraprofessionals (12:1+1:3)
- ❖ 8 students per teacher plus 1 paraprofessional (8:1:1)
- ❖ 15 students per teacher plus 1 paraprofessional (15:1:1)
- ❖ 6 students per teacher plus 2.5 paraprofessional (6:1:2.5)

An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

Tuition rates exclude the costs of related services, preschool and summer school programs. BOCES with multiple tuition rates for a program have calculated an average rate. *Data source: 602 Report*

Enrollment Trends

	2014-15	2015-16	2016-17
8:1:1	NA	NA	NA
12:1:+1:3	NA	NA	NA
6:1:1	476	487	472
12:1:1	NA	NA	NA

Tuition Rates Per Student
2014-15 through 2016-17
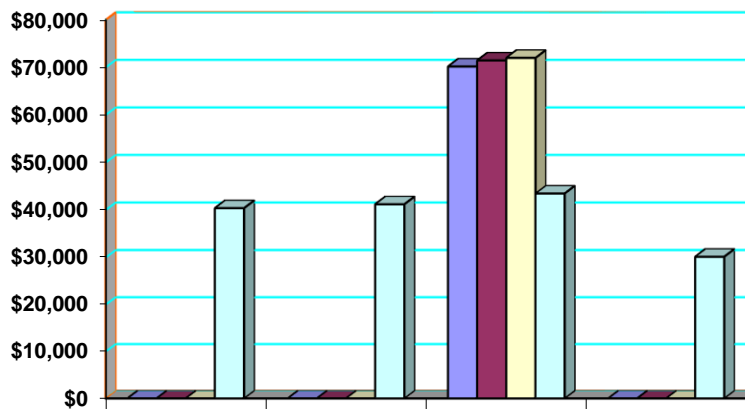
	8:1:1	12:1+1:3	6:1:1	12:1:1
2014-15	$0	$0	$70,201	$0
2015-16	$0	$0	$71,470	$0
2016-17	$0	$0	$72,017	$0
2016-17 State Average	$40,408	$41,221	$43,487	$30,180

Special Education State Testing Program
2016-2017 School Year

These data are results of State assessments for students enrolled in BOCES programs.
Data Source: nySTART

State Assessment	Counts of Students Tested					Percentage of Students Tested		No Valid Score
	Level 1	Level 2	Level 3	Level 4	Total	Level 2-4 Percent	Level 3-4 Percent	
Grade 3 English Language Arts	27	3	1	0	31	12.9%	3.2%	1
Grade 4 English Language Arts	18	2	0	0	20	10.0%	0.0%	12
Grade 5 English Language Arts	22	7	0	1	30	26.7%	3.3%	1
Grade 6 English Language Arts	17	2	0	0	19	10.5%	0.0%	1
Grade 7 English Language Arts	17	5	2	0	24	29.2%	8.3%	1
Grade 8 English Language Arts	23	6	2	0	31	25.8%	6.5%	1
Grade 3 Mathematics	22	7	0	0	29	24.1%	0.0%	1
Grade 4 Mathematics	13	5	1	0	19	31.6%	5.3%	4
Grade 5 Mathematics	15	7	3	2	27	44.4%	18.5%	1
Grade 6 Mathematics	9	4	0	1	14	35.7%	7.1%	1
Grade 7 Mathematics	19	3	0	0	22	13.6%	0.0%	1
Grade 8 Mathematics	23	2	0	0	25	8.0%	0.0%	2

Level 4	These students **exceed the standards** and are moving toward high performance on the Regents examination.
Level 3	These students **meet the standards** and, with continued steady growth, should pass the Regents examination.
Level 2	These students **need extra help** to meet the standards and pass the Regents examination.
Level 1	These students have **serious** academic deficiencies.

Special Education State Testing Program (cont'd.)
2016-2017 School Year

State Assessment-Regents Exams	Counts of Students Tested				Percentage of Students Tested		
	Below 55	55-64	65 and Above	Total	Below 55 - Percent	55-64 - Percent	65 and Above - Percent
Algebra 1	17	18	24	59	28.8%	30.5%	40.7%
Common Core Geometry	6	6	6	18	33.3%	33.3%	33.3%
Algebra 2	2	0	0	2	100.0%	0.0%	0.0%
Living Environment	19	8	17	44	43.2%	18.2%	38.6%
Physical Setting/ Earth Science	25	3	13	41	61.0%	7.3%	31.7%
Physical Setting/ Chemistry	0	1	1	2	0.0%	50.0%	50.0%
Physical Setting/ Physics	1	0	0	1	100.0%	0.0%	0.0%
Comprehensive French	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Italian	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Spanish	0	0	0	0	0.0%	0.0%	0.0%
Comprehensive Exam in English	16	14	44	74	21.6%	18.9%	59.5%
Global History and Geography	42	11	35	88	47.7%	12.5%	39.8%
United States History and Government	13	10	35	58	22.4%	17.2%	60.3%

Students with Severe Disabilities Performance on the
New York State Alternate Assessments
2016-2017 School Year

State Assessment	Counts of Students Tested					Percentage of Students Tested		No Valid Score
	Level 1	Level 2	Level 3	Level 4	Total	Level 2-4 Percent	Level 3-4 Percent	
Grade 3 English Language Arts	8	12	25	3	48	83.3%	58.3%	0
Grade 4 English Language Arts	14	8	22	1	45	68.9%	51.1%	0
Grade 5 English Language Arts	10	12	13	4	39	74.4%	43.6%	0
Grade 6 English Language Arts	6	12	26	2	46	87.0%	60.9%	0
Grade 7 English Language Arts	13	9	26	7	55	76.4%	60.0%	1
Grade 8 English Language Arts	28	4	15	6	53	47.2%	39.6%	0
High School English Language Arts	18	18	13	6	55	67.3%	34.5%	0
Grade 3 Mathematics	9	14	24	2	49	81.6%	53.1%	0
Grade 4 Mathematics	19	6	18	2	45	57.8%	44.4%	0
Grade 5 Mathematics	11	13	14	1	39	71.8%	38.5%	0
Grade 6 Mathematics	12	13	18	3	46	73.9%	45.7%	0
Grade 7 Mathematics	15	11	26	3	55	72.7%	52.7%	1
Grade 8 Mathematics	21	17	10	4	52	59.6%	26.9%	0
High School Mathematics	18	16	15	6	55	67.3%	38.2%	0

Data Source: nySTART

Level 4	These students **exceed the standards** and are moving toward high performance on the Regents examination.
Level 3	These students **meet the standards** and, with continued steady growth, should pass the Regents examination.
Level 2	These students **need extra help** to meet the standards and pass the Regents examination.
Level 1	These students have **serious** academic deficiencies.

Professional Development 2016-2017 School Year

The data in this chart is from BOCES-sponsored professional development and offered by Instructional Support Divisions.

BOCES provided training in the following areas:	Number of Participants:									
	Districts		Teachers		Paraprofessionals		Principals		Other	
	Full Day	Half Day	Full Day	Half Day	Full Day	Half Day	Full Day	Half Day	Full Day	Half Day
Common Core Learning Standards	109	0	1,189	0	50	0	111	0	52	0
Data-Driven Instruction	9	0	18	0	6	0	15	0	55	42
Lead Evaluator Training	33	0	38	0	0	0	103	0	25	0
Principal Evaluator Training	0	0	0	0	0	0	16	0	11	0
Integrating Technology into Curricula & Instruction	57	5	24,791	307	0	0	0	0	0	0
Project Based Learning	0	0	0	0	0	0	0	0	0	0
College & Career Readiness	26	0	72	0	0	0	56	0	28	0
Career and Technical Education	0	0	0	0	0	0	0	0	0	0
Middle Level Education	14	0	23	0	0	0	19	0	3	0
Positive Youth Development	0	0	0	0	0	0	0	0	0	0
Instructional Strategies	75	0	660	0	7	0	114	0	28	0
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	56	0	0	0	0	0	0	0	0	246
(RSE-TASC) Regional Special Education Technical Assistance Support	93	138	591	1,142	25	121	24	43	416	807
(SE-SIS) Special Education School Improvement Specialist	1	40	87	312	0	3	0	7	0	39
RBE-RN	0	0	0	0	0	0	0	0	0	0
Leadership Training	72	0	67	0	3	0	280	0	48	0
ECE Training (Early Childhood)	0	0	0	0	0	0	0	0	0	0
Professional Practice (APPR)	0	0	0	0	0	0	0	0	0	0
Culture/Climate	0	0	0	0	0	0	0	0	0	0
School & District Planning	56	0	0	0	0	0	0	0	0	262
Response to Intervention	46	0	138	0	17	0	150	0	35	0
Data Management and Analysis	56	0	0	0	0	0	0	0	0	615
Learning Standards (ELA, MST, etc.)	52	0	673	90	4	0	85	0	16	0
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	0	0	0	0	0	0	0	0
Other	97	0	598	326	168	48	110	205	499	77

Technology Services
2016-2017 School Year

Please indicate if the service was provided by BOCES or Regional Information Center (RIC) by placing a X in the correct column.

| BOCES provides technology services to district and BOCES staff and students.	Districts / Number of District Staff	Number of BOCES Staff	Students	Provided by the BOCES	Provided by the RIC
Distance Learning	39/14,281	75	172,328		X
Instructional Computing	52/17,209	608	206,605		X
Computer/Audio Visual Repair	38/13,442	2,203			X
Library Automation/Software	39/12,596	0	151,810		X
LAN Installation/Support	52/17,459	2,203	205,127		X
Distributed Process Technicians	46/14,622	2,203	175,827		X
Guidance Information	43/15,977	75	188,630	X	
Administrative Computer Services	57/18,496	1,575			X
Administrative Training	14/5,977	0		X	
Instructional Media Resources	47/14,903	75	167,454	X	
Model Schools	46/15,419	0	184,509		
Other Student Instructional Support	53/16,463	628	197,443		X

School Library Systems (SLS)

School Library Systems are state-aided programs set forth in Education Law and regulations of the Commissioner of Education. Each BOCES acts as the educational agency that sponsors the program to provide vital library and information resources to public and nonpublic schools. Each system operates under an approved long range plan of service. Some of the key functions of SLS are: to provide leadership and training through professional development activities; enrich the NYS Learning Standards by providing information literacy awareness and skills; facilitate resource-sharing among its member school libraries; promote advances in technology for information storage and retrieval; focus on cooperative collection development of member school library materials; address the information needs of special client groups; and participate in regional library issues with the public, academic, special and other school libraries. Students, teachers and administrators in each BOCES service area benefit from the programs and services of the school library system. *Data Source: SLS Annual Report*
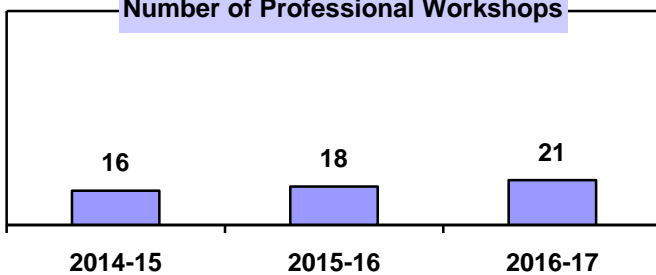
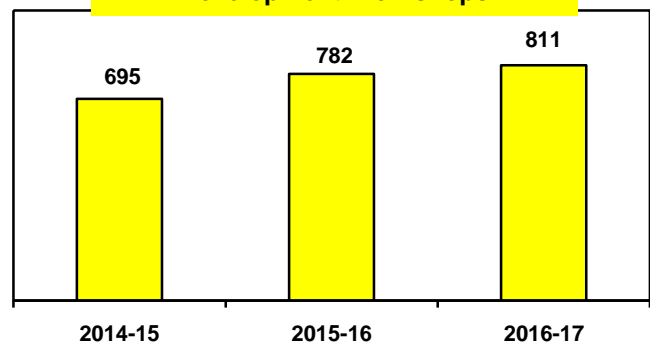**Number of Library Media Centers**

2014-15	2015-16	2016-17
374	374	374
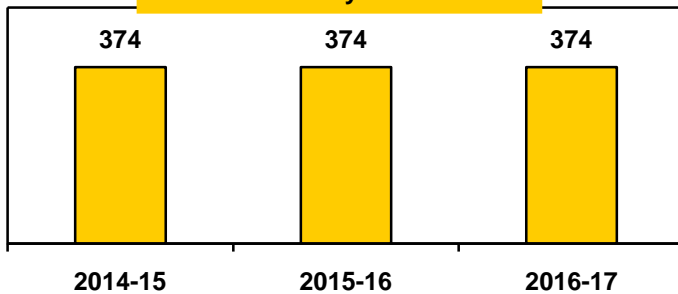
Consulting and Technical Assistance Services plus Reference by SLS Staff

2014-15	2015-16	2016-17
563	563	543
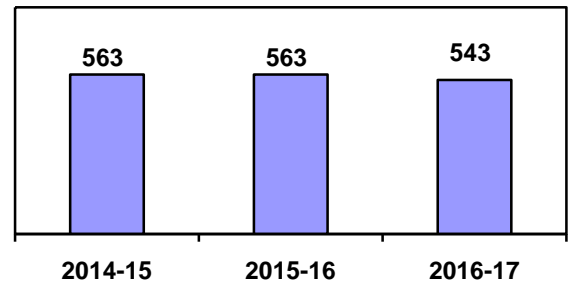
Number of Professional Workshops

2014-15	2015-16	2016-17
16	18	21

Number of Participants at Professional Development Workshops

2014-15	2015-16	2016-17
695	782	811

2016-2017 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses………… ………………………………………………….$ 20,777,890.29

Capital Expenses…………………………………………………………….…. $ 7,697,894.12

Total Program Expenses……………………………………………….……. $315,741,057.65

Total Expenses…………………………………………………………………..$344,216,842.06

Total Program 91.7%
*Administration 6.0%
Capital 2.2%

General Instruction 6%
Itinerant Services 0%
Instructional Support 19%
Instruction of Students with Disabilities 49%
Other Services 21%
Career & Technical Education 5%