

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
- 2017-2018** Expenses

2017-2018

Putnam|Northern Westchester BOCES

Putnam|Northern Westchester BOCES
Board of Cooperative Educational Services
2017-2018 Report Card

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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

Putnam|Northern Westchester BOCES
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Component Districts

- BEDFORD CSD
- BREWSTER CSD
- BRIARCLIFF UFSD
- CARMEL CSD
- CHAPPAQUA CSD
- CROTON-HARMON UFSD
- GARRISON UFSD
- HALDANCE CSD
- HENDRICK HUDSON CSD
- KATONAH-LEWISBORO UFSD
- LAKELAND CSD
- MAHOPAC CSD
- NORTH SALEM CSD
- OSSINING UFSD
- PEEKSKILL CITY SD
- PUTNAM VALLEY CSD
- SOMERS CSD
- YORKTOWN CSD

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.

Number of 11th/12th grade students enrolled in a CTE two-year sequence:

First-year students
 Second-year students
 Second-year students completing
 Completers with technical endorsement

General Education Students	Students with Disabilities	General Education Students	Students with Disabilities
2016-17	2016-17	2017-18	2017-18
538	170	415	99
321	108	147	119
248	115	129	101
158	39	101	22

Other Career-Related Programs

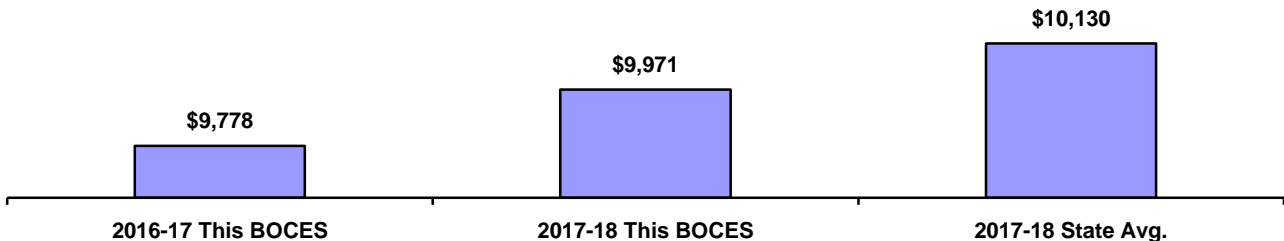
Number of 11th/12th grade students enrolled in one-year programs:

“New Vision”
 Participated 1 yr of a CTE Program
 Other one-year programs

24	0	18	0
116	30	81	7
130	38	68	121

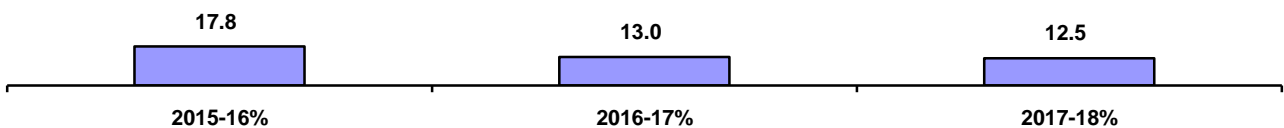
Tuition Per Student for CTE Programs

Data Source: 602 Report



*Number Enrolled in CTE Programs as a Percent of all Juniors and Seniors in Component District High Schools

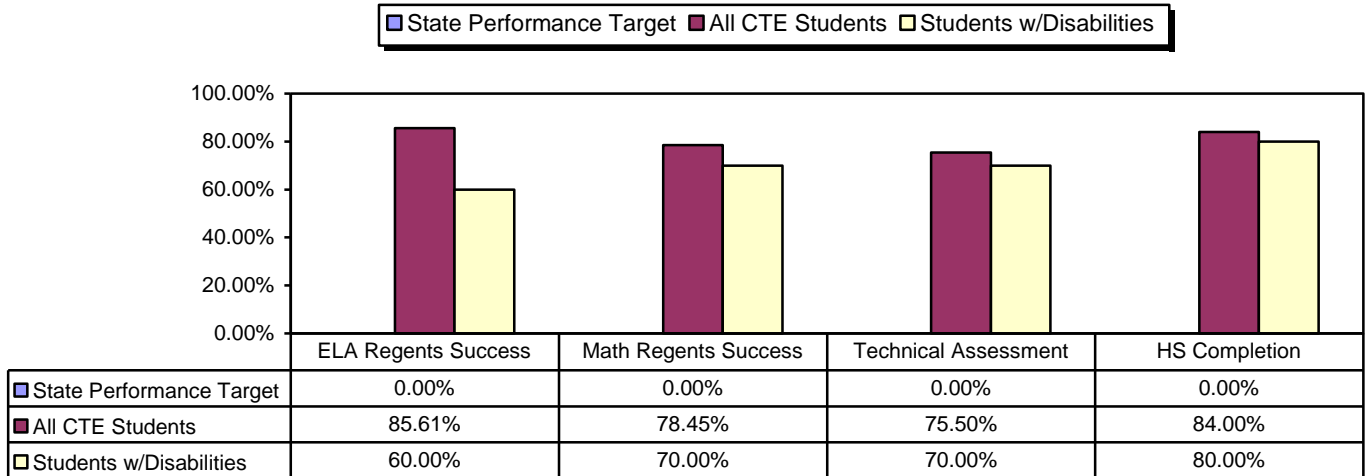
Data Source: SIRS



* Data Include General Education and Students with Disabilities. *Data Source: SIRS*

CTE Student Performance on Perkins Indicators Who Left School in 2017

Data Source: SIRS



Status of Career and Technical Education (CTE) Students 2017 Placement Outcomes

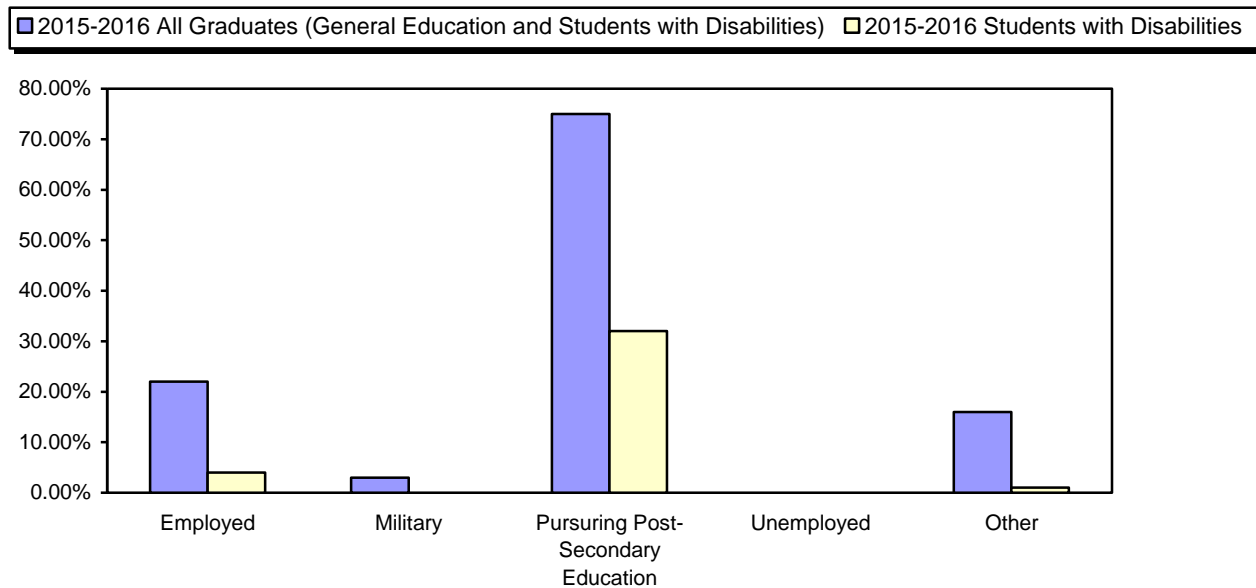
BOCES Surveys CTE concentrators six months after they last attended their CTE program to determine if they are employed or continuing their education. Data Source: CTE Placement Report

<http://www.p12.nysed.gov/cte/perkins4/docs/2018-19PerkinsReportCards052118.pdf>

<http://www.p12.nysed.gov/cte/perkins4/docs/2018-19PerkinsReportCard5S1Only.pdf>

Total Placement

This BOCES	State Target
93.0%	92.0 %



**General Education Development Leading to (GED)
For CTE Students Age 16-18
2017-2018**

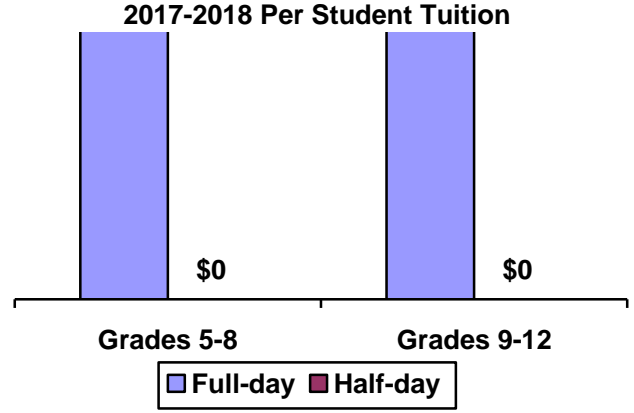
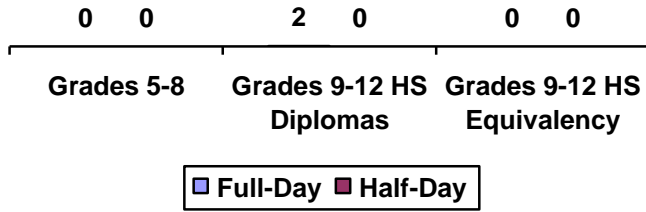
The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.

	Grades 9-12 Programs Leading GED	
	Half- day	Full- day
Number of students who:		
Enrolled	0	143
Passing Rate of Students Tested	0	20%
Remained / Still Enrolled in the Program	0	102
Left the program and did not enter another district or BOCES program (dropouts)	0	10
Returned to School District:	0	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, 2018**



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.

	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
Number of students who:						
Returned to a school district program	0	0	2	0	0	0
Remained in the BOCES program	0	0	1	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			2	0		

Alternative Education State Testing Program
2017-2018 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 I (CC)	0	0	0	0	0.0%	0.0%	0.0%
Algebra II (CC)	0	0	0	0	0.0%	0.0%	0.0%
Geometry (CC)	0	0	0	0	0.0%	0.0%	0.0%
English Language Arts (CC)	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%
Global History and Geography	0	0	0	0	0.0%	0.0%	0.0%
United States History and Government	0	0	1	1	0.0%	0.0%	100.0%

**Alternative Education Performance of Students
2017-2018 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		BOCES Statewide Average
	Count	Percentage	
All CTE Programs			
Enrolled during 2016-17	67	--	--
Continuing Enrollment after 2016-17	11	16.4%	14.60%
Completed or Left During 2016-17	51	76.1%	84.91%
Left Prior to Completion During 2016-17	9	13.4%	13.58%
Completed by the End of 2016-17	42	62.7%	83.36%
Completed or Left During 2016-17 and Status Known	51	76.1%	66.85%
Completed/Left/Status Known and Successfully Placed*	47	70.1%	76.76%
Completed but Not seeking Employment	0	0.0%	3.26%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2016-17	3	--	--
Under-Represented Gender Members Enrolled During 2016-17	3	--	--
Completed a Non-Traditional Program By the End of 2016-17	1	1.5%	73.80%
Under-Represented Gender Members Who Completed	1	1.5%	73.89%

* 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 2017-2018 was 761.

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			Educational Gain					
	2015-16	2016-17	2017-18	2015-16		2016-17		2017-18	
					Percent		Percent		Percent
Adult Beginning/Intermediate	133	136	128	78	59%	73	54%	60	46.9%
Adult Secondary (Low)	16	15	15	14	88%	12	80%	10	66.7%
ESOL	678	677	618	408	60%	490	72%	345	55.8%

Other Outcomes (2015-16 through 2017-18)

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			Students Achieving Goal					
	2015-16	2016-17	2017-18	2015-16		2016-17		2017-18	
					Percent		Percent		Percent
Entered employment	4	0	0	4	100.0%	0	0.0%	0	0.0%
Retained employment	16	0	0	14	88.0%	0	0.0%	0	0.0%
Obtained secondary or HS equivalency diploma	78	0	0	48	61.0%	0	0.0%	0	0.0%
Entered post-secondary education or training	59	26	31	44	74.5%	16	73.0%	23	74.2%

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)

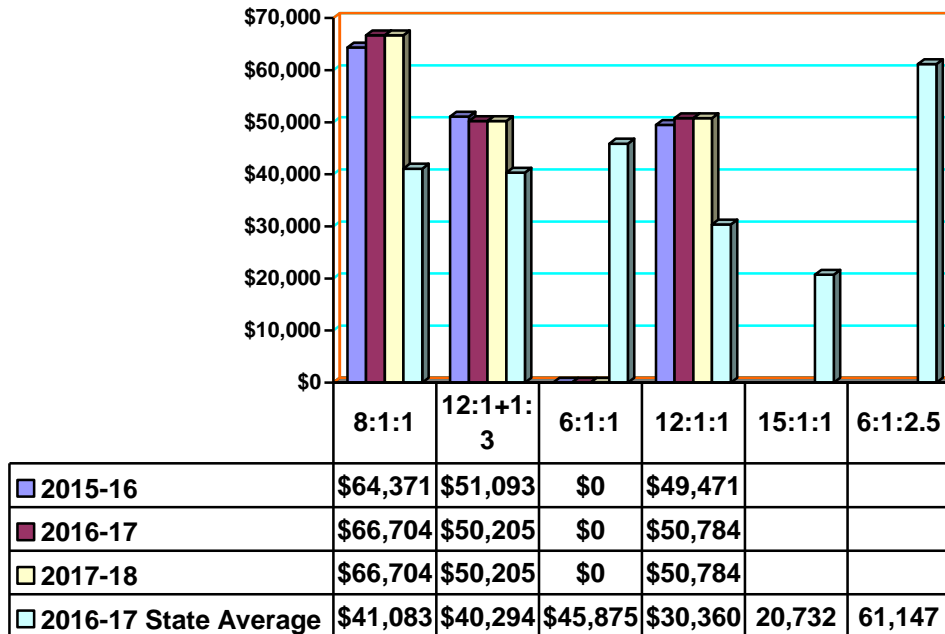
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2015-16	2016-17	2017-18
8:1:1	190	173	157
12:1+1:3	157	108	115
6:1:1	0	0	0
12:1:1	0	76	75
15:1:1	0	0	0
6:1:2.5	0	0	0

Tuition Rates Per Student 2015-16 through 2017-18



Special Education State Testing Program 2017-2018 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	Level 3-4	
						Percent	Percent	
Grade 3 English Language Arts	2	3	1	0	6	66.7%	16.7%	0
Grade 4 English Language Arts	5	2	0	0	7	28.6%	0.0%	0
Grade 5 English Language Arts	1	1	0	0	2	50.0%	0.0%	0
Grade 6 English Language Arts	4	2	0	0	6	33.3%	0.0%	0
Grade 7 English Language Arts	3	0	1	0	4	25.0%	25.0%	0
Grade 8 English Language Arts	5	3	2	0	10	50.0%	20.0%	0
Grade 3 Mathematics	3	2	1	0	6	50.0%	16.7%	0
Grade 4 Mathematics	7	0	0	0	7	0.0%	0.0%	0
Grade 5 Mathematics	2	0	0	0	2	0.0%	0.0%	0
Grade 6 Mathematics	3	2	1	0	6	50.0%	16.7%	0
Grade 7 Mathematics	3	0	1	0	4	25.0%	25.0%	0
Grade 8 Mathematics	8	1	0	0	9	11.1%	0.0%	0

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.)
2017-2018 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 (CC)	2	4	10	16	12.5%	25.0%	62.5%
Algebra 2 (CC)	0	0	0	0	0.0%	0.0%	0.0%
Geometry (CC)	0	0	0	0	0.0%	0.0%	0.0%
Living Environment	1	4	7	12	8.3%	33.3%	58.3%
Physical Setting/ Earth Science	6	3	4	13	46.2%	23.1%	30.8%
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%
English Language Arts (CC)	2	3	12	17	11.8%	17.6%	70.6%
Regents ELA	0	0	0	0	0.0%	0.0%	0.0%
Global History & Geography	7	6	13	26	26.9%	23.1%	50.0%
United States History & Government	3	0	8	11	27.3%	0.0%	72.7%

**Students with Severe Disabilities Performance on the
New York State Alternate Assessments
2017-2018 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	2	1	5	0	8	75.0%	62.5%	0.0%
Grade 4 English Language Arts	1	2	1	0	4	75.0%	25.0%	0.0%
Grade 5 English Language Arts	2	2	5	0	9	77.8%	55.6%	0.0%
Grade 6 English Language Arts	2	3	4	0	9	77.8%	44.4%	0.0%
Grade 7 English Language Arts	1	3	7	0	11	90.9%	63.6%	0.0%
Grade 8 English Language Arts	5	5	4	0	14	64.3%	28.6%	0.0%
High School English Language Arts	4	4	2	0	10	60.0%	20.0%	0.0%
Grade 3 Mathematics	1	4	2	1	8	87.5%	37.5%	0.0%
Grade 4 Mathematics	2	2	0	0	4	50.0%	0.0%	0.0%
Grade 5 Mathematics	2	2	5	0	9	77.8%	55.6%	0.0%
Grade 6 Mathematics	2	5	2	0	9	77.8%	22.2%	0.0%
Grade 7 Mathematics	1	4	6	0	11	90.9%	54.5%	0.0%
Grade 8 Mathematics	8	3	3	0	14	42.9%	21.4%	0.0%
High School Mathematics	6	2	2	0	10	40.0%	20.0%	0.0%

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 2017-2018 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	3	0	7	0	0	0	0	0	0	0
Data-Driven Instruction	7	0	46	0	0	0	2	0	1	0
Lead Evaluator Training	19	0	1	0	0	0	47	0	15	0
Principal Evaluator Training	0	0	0	0	0	0	0	0	0	0
Integrating Technology into Curricula & Instruction	64	58	214	272	1	40	19	1	52	56
Project Based Learning	11	0	22	0	0	0	0	0	0	0
College & Career Readiness	0	14	0	5	0	0	0	2	0	2516
Career and Technical Education	0	1	0	4	0	0	0	0	0	2500
Middle Level Education	17	0	36	0	14	0	1	0	0	0
Positive Youth Development	42	48	73	34	0	0	6	12	160	192
Instructional Strategies	141	52	2209	5429	32	71	257	231	193	59
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	12	14	57	25	0	3	2	1	19	9
(RSE-TASC) Regional Special Education Technical Assistance Support	31	23	312	180	71	12	35	21	297	247
(SE-SIS) Special Education School Improvement Specialist	1	2	45	34	25	27	12	59	20	0
RBE-RN	0	0	0	0	0	0	0	0	0	0
Leadership Training	42	59	80	293	1	3	80	36	35	80
ECE Training (Early Childhood)	0	0	0	0	0	0	0	0	0	0
Professional Practice (APPR)	0	4	0	0	0	0	0	0	0	5
Culture/Climate	38	35	94	32	0	1	36	6	77	21

School & District Planning	0	0	0	0	0	0	0	0	0	0
Response to Intervention	0	0	0	0	0	0	0	0	0	0
Data Management and Analysis	0	0	0	0	0	0	0	0	0	0
Learning Standards (ELA, MST, etc.)	44	37	534	93	5	0	32	24	18	53
Interdisciplinary Teaching (including integration of career technology & academics)	27	2	142	5	0	0	0	0	6	0
Other	87	40	604	58	111	59	27	23	143	67

Technology Services 2017-2018 School Year



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

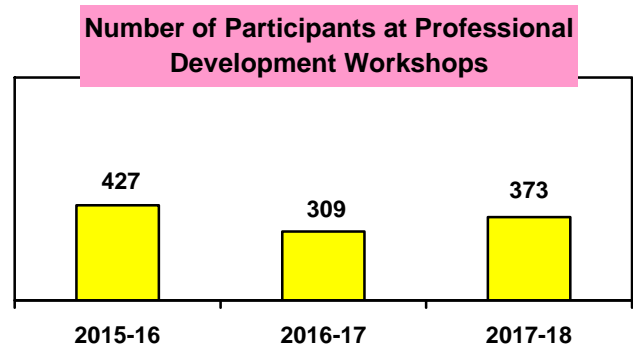
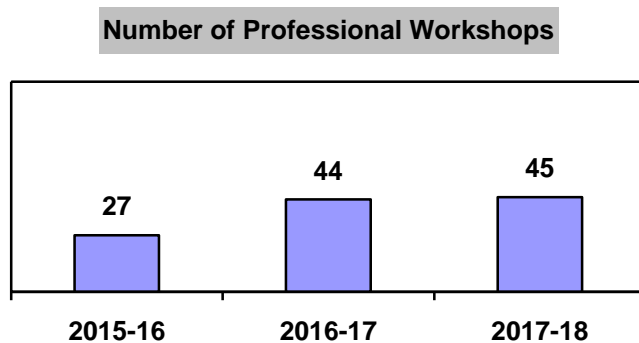
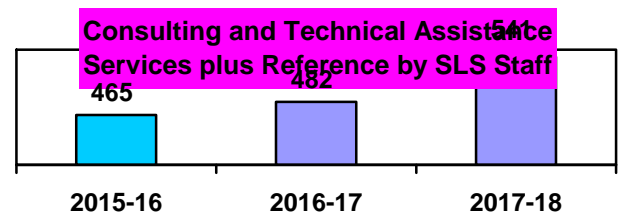
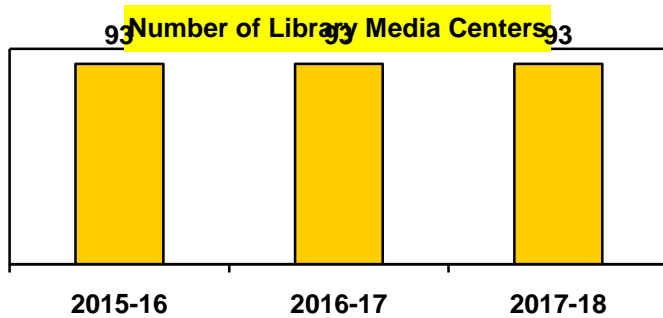
BOCES provides technology services to district and BOCES staff and students.	Districts / Number of District Staff	Number of BOCES Staff	Students	Provided by the BOCES	Provided by the RIC
Distance Learning	19/7	2	118	x	
Instructional Computing	0/0	0	0		
Computer/Audio Visual Repair	0/0	0			
Library Automation/Software	18/4,189	2	52,194	x	
LAN Installation/Support	0/0	0	0		
Distributed Process Technicians	0/0	0	0		
Guidance Information	0/0	0	0		
Administrative Computer Services	0/0	0			
Administrative Training	0/0	0			

Instructional Media Resources	18/4,189	2	52,194	x	
Model Schools	0/0	0	0		
Other Student Instructional Support	0/0	0	0		



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*



2017-2018 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$	8,677,960.29
Capital Expenses.....	\$	256,000.00
Total Program Expenses.....	\$	103,374,550.14
Total Expenses.....	\$	112,308,510.43

