

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

**2018-2019** Expenses

**2018-2019**

**BROOME-TIOGA BOCES**

**Broome-Tioga BOCES  
Board of Cooperative Educational Services  
2018-2019 Report Card**

**Table of Contents**

	<b>Page</b>
<b>Component/Non-Component District List.....</b>	<b>ii</b>
<b>Indicators of BOCES Performance</b>	
<b>Career &amp; Technical Education.....</b>	<b>1-4</b>
<b>Alternative Education.....</b>	<b>4-6</b>
<b>Adult Career &amp; Technical Education.....</b>	<b>7</b>
<b>Adult Basic Education.....</b>	<b>7</b>
<b>Special Education</b>	
<b>Special Education Enrollment and Tuition in BOCES Programs.....</b>	<b>8</b>
<b>State Testing Program.....</b>	<b>9-11</b>
<b>Professional Development.....</b>	<b>12-13</b>
<b>Technology Services.....</b>	<b>14</b>
<b>School Library System Services.....</b>	<b>15</b>
<b>2018-2019 Expenses.....</b>	<b>16</b>

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

**Broome-Tioga BOCES**  
**03900000000**

**Component Districts**

- Binghamton City School District
- Chenango Forks Central School District
- Chenango Valley Central School District
- Deposit Central School District
- Harpursville Central School District
- Johnson City Central School District
- Maine Endwell Central School District
- Newark Valley Central School District
- Owego Apalachin Central School District
- Susquehanna Valley Central School District
- Tioga Central School District
- Union Endicott Central School District
- Vestal Central School District
- Whitney Point Central School District
- Windsor Central School District

# 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 11<sup>th</sup>/12<sup>th</sup> 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
2017-18	2017-18	2018-19	2018-19
357	300	340	320
250	204	233	200
189	191	217	194
171	96	179	121

### Other Career-Related Programs

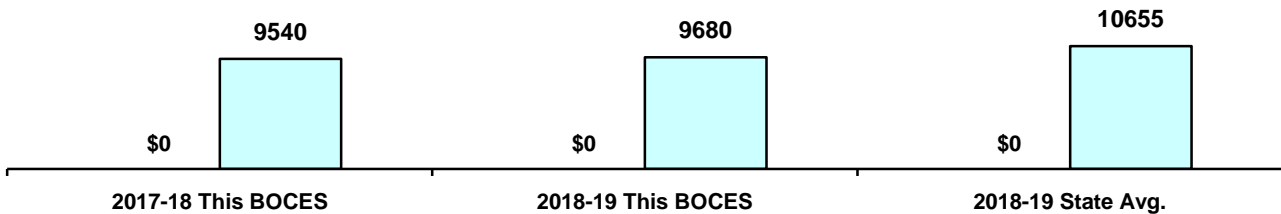
Number of 11<sup>th</sup>/12<sup>th</sup> grade students enrolled in one-year programs:

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

70	0	78	0
30	26	30	46
0	0	0	0

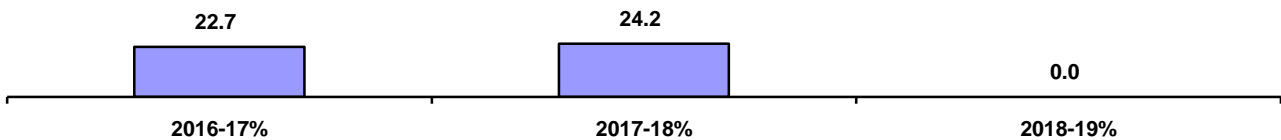
### Tuition Per Student for CTE Programs

Data Source: 602 Report



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

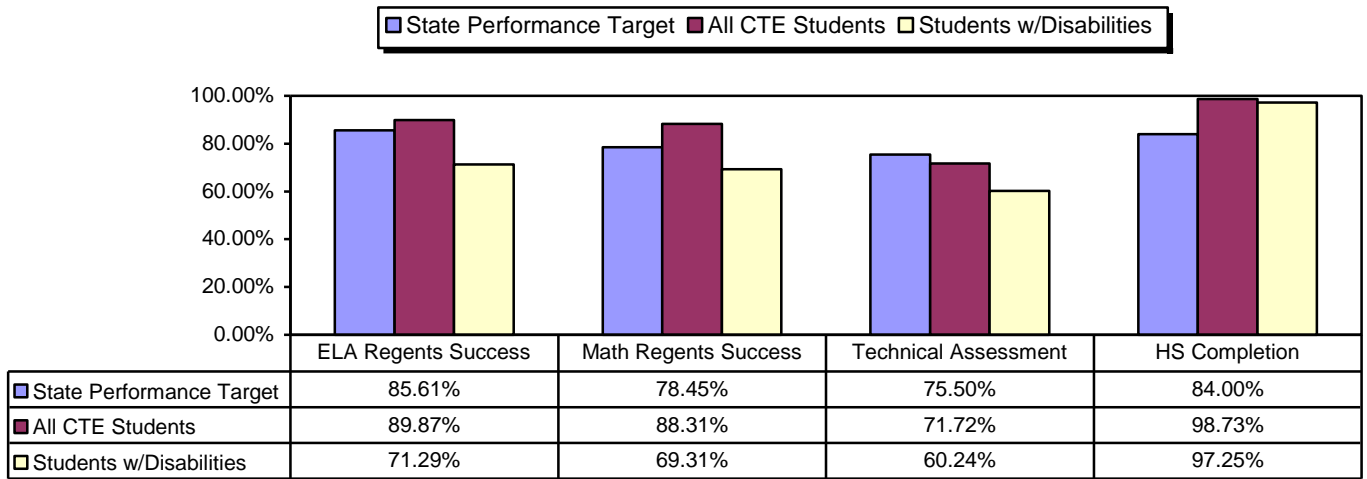
Data Source: SIRS



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

## CTE Student Performance on Perkins Indicators Who Left School in 2018

Data Source: SIRS



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

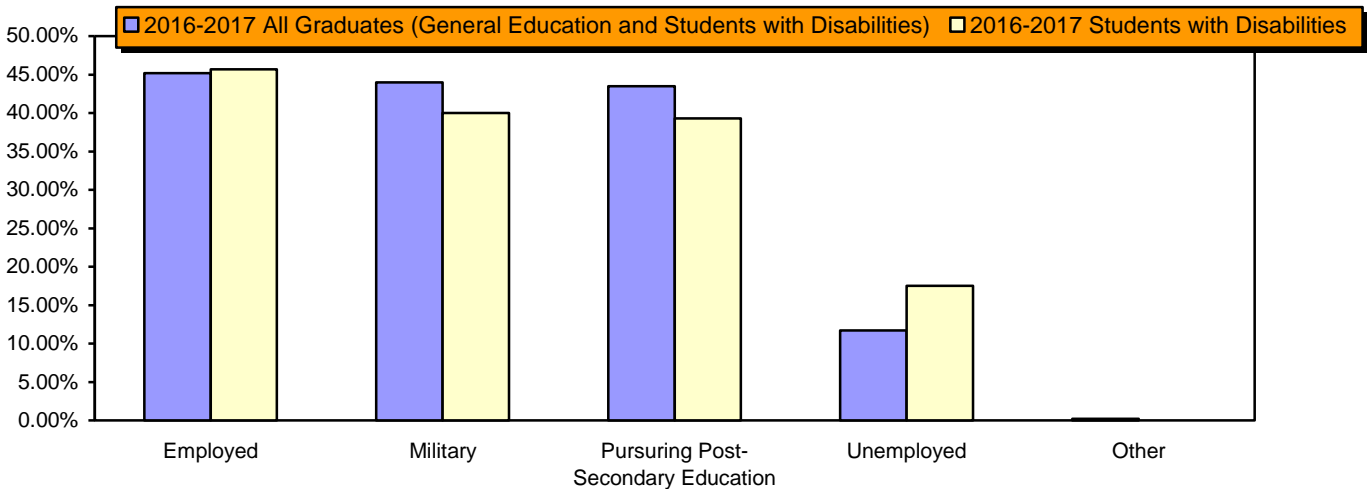
BOCES Surveys CTE concentrators six months after they last attended their CTE program to determine if they are employed or continuing their education. Data Source: CTE Placement Report

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

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

### TOTAL PLACEMENT

YOUR BOCES	STATE TARGET
<b>88.40%</b>	<b>91%</b>



## General Education Development Leading to (GED) For CTE Students Age 16-18 2018-2019

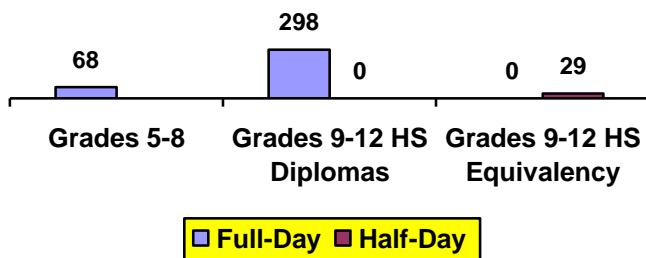
The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.

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

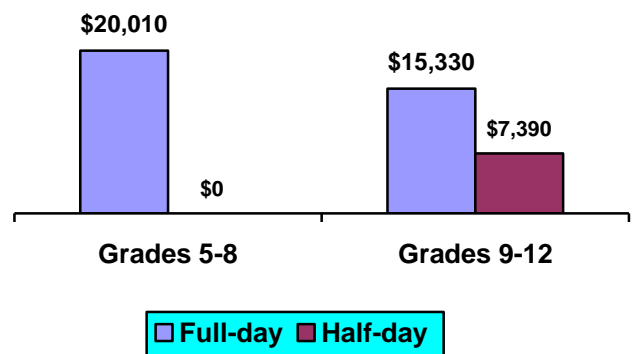
### Alternative Education

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, 2019**



**2018-2019 Per Student Tuition**



## 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
<b>Number of students who:</b>						
Returned to a school district program	35	0	105	0	14	0
Remained in the BOCES program	33	0	139	0	1	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	1	0	0	0
Received high school diplomas	0	0	53	0	14	0

**Alternative Education State Testing Program**  
2018-2019 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)	31	22	28	81	38.27%	27.16%	34.57%
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)	10	10	38	58	17.24%	17.24%	65.52%
Living Environment	14	13	49	76	18.42%	17.11%	64.47%
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 II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography Transition	33	5	21	59	55.93%	8.47%	35.59%
United States History and Government	10	17	35	62	16.13%	27.42%	56.45%

**New  
Global  
History  
Exams**



## 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
	Count	Percentage	Average
<b>All CTE Programs</b>			
Enrolled during 2017-18	260	--	--
Continuing Enrollment after 2017-18	20	7.69%	20.39%
Completed or Left During 2017-18	238	91.54%	78.41%
Left Prior to Completion During 2017-18	25	9.62%	13.78%
Completed by the End of 2017-18	213	81.92%	85.88%
Completed or Left During 2017-18 and Status Known	0	0.0%	65.54%
Completed/Left/Status Known and Successfully Placed*	0	0.0%	80.56%
Completed but Not seeking Employment	0	0.0%	2.91%
<b>Non-Traditional CTE Programs</b>			
Enrolled in Non-Traditional Programs During 2017-18	15	--	--
Completed a Non-Traditional Program By the End of 2017-18	10	66.7	82.01%
Under-Represented Gender Members Enrolled during 2017-18			
Under-Represented Gender Members Who Completed during 2017-18	0	0.0%	81.12%

\* 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 2018-2019 was 289.

### 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					
	2016-17	2017-18	2018-19	2016-17		2017-18		2018-19	
					Percent		Percent		Percent
Adult Beginning/Intermediate	353	240	204	209	59.2%	129	54%	92	45.1%
Adult Secondary (Low)	66	24	33	43	65.2%	13	79%	15	45.5%
ESOL	27	36	42	18	6.7%	18	50%	27	64.3%

### Other Outcomes (2016-17 through 2018-19)

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					
	2016-17	2017-18	2018-19	2016-17		2017-18		2018-19	
					Percent		Percent		Percent
Entered employment	NA	NA	NA	NA	0.0%	NA	0.0%	109	38%
Retained employment	NA	NA	NA	0	0.0%	NA	0.0%	NA	0.0%
Obtained secondary or HS equivalency diploma	50	53	39	40	80%	39	73.5%	23	59%
Entered post-secondary education or training	NA	NA	NA	NA	0.0%	NA	0.0%	0	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 six 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)

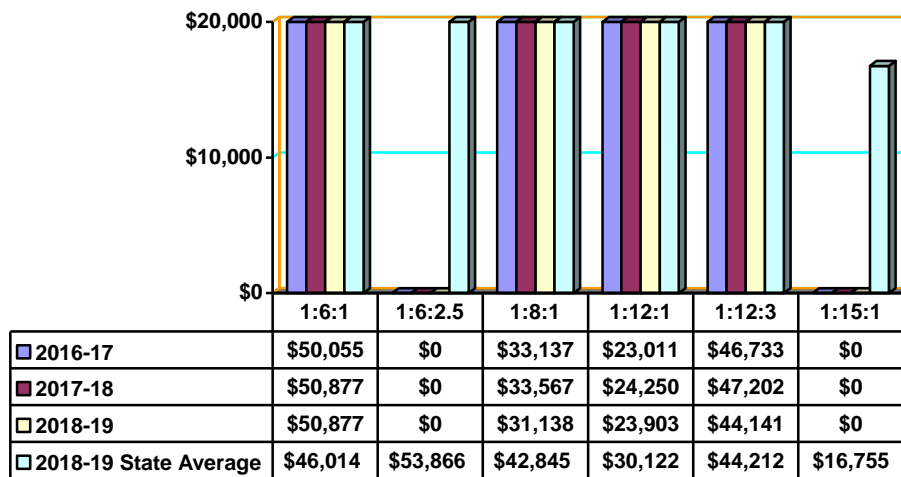
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2016-17	2017-18	2018-19
8:1:1	577	579	633
12:1+1:3	5	9	6
6:1:1	40	44	55
12:1:1	190	173	157
15:1:1	0	0	0
6:1:2.5	0	0	0

### Tuition Rates Per Student 2016-17 through 2018-19



## Special Education State Testing Program

### 2018-2019 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	17	6	2	0	25	32.00%	8%	0
Grade 4 English Language Arts	17	6	1	0	24	29.17%	4.17%	1
Grade 5 English Language Arts	29	3	1	0	33	12.12%	3.03%	2
Grade 6 English Language Arts	16	2	1	1	20	20.00%	10.00%	3
Grade 7 English Language Arts	20	3	2	0	25	20.00%	8.00%	3
Grade 8 English Language Arts	33	4	0	0	37	10.81%	.00%	2
Grade 3 Mathematics	21	1	1	0	23	8.70%	4.35%	0
Grade 4 Mathematics	25	3	1	0	29	13.79%	3.45%	1
Grade 5 Mathematics	22	3	2	0	27	18.52%	7.41%	1
Grade 6 Mathematics	18	3	0	0	21	14.29%	0.0%	3
Grade 7 Mathematics	18	3	2	0	23	21.74%	8.70%	0
Grade 8 Mathematics	33	0	1	0	34	2.94%	2.94%	4

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

**Special Education State Testing Program (cont'd.)**  
**2018-2019 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)	22	11	7	40	55.00%	27.50%	17.50%
Algebra 2 (CC)	0	0	0	0	0.0%	0.0%	0.0%
Geometry (CC)	0	0	1	1	0.0%	0.0%	100.00%
Living Environment	10	4	14	28	35.71%	14.29%	50.00%
Physical Setting/ Earth Science	0	1	3	4	0.0%	25.00%	75.00%
Physical Setting/ Chemistry	0	0	0	0	0.0%	0.0%	0.0%
Physical Setting/ Physics	0	0	1	1	0.0%	0.0%	100.00%
English Language Arts (CC)	26	3	7	36	72.22%	8.33%	19.44%
Global History and Geography II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography Transition	16	3	7	26	61.54%	11.54%	26.92%
United States History & Government	18	4	9	31	58.06%	12.90%	29.03%

**New  
Global  
History  
Exams**

**Students with Severe Disabilities Performance on the  
New York State Alternate Assessments  
2018-2019 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	0	3	30	1	34	100.00%	91.18%	0.00%
Grade 4 English Language Arts	0	3	44	0	48	97.92%	91.67%	0.00%
Grade 5 English Language Arts	0	1	13	3	18	94.44%	88.89%	0.00%
Grade 6 English Language Arts	0	5	19	5	29	100.00%	82.76%	0.00%
Grade 7 English Language Arts	2	2	17	8	29	93.10%	86.21%	0.00%
Grade 8 English Language Arts	3	1	19	5	28	89.29%	85.71%	0.00%
High School English Language Arts	0	5	17	8	31	96.77%	80.65%	0.00%
Grade 3 Mathematics	0	2	14	2	18	100.00%	88.89%	0.00%
Grade 4 Mathematics	1	5	11	3	21	90.48%	66.67%	0.00%
Grade 5 Mathematics	0	2	10	3	16	93.75%	81.25%	0.00%
Grade 6 Mathematics	0	4	11	9	24	100.00%	83.33%	0.00%
Grade 7 Mathematics	1	3	15	5	24	95.83%	83.33%	0.00%
Grade 8 Mathematics	2	4	14	4	25	88.00%	72.00%	0.00%
High School Mathematics	1	5	15	9	31	93.55%	77.42%	0.00%

Data Source: nySTART

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

# Professional Development 2018-2019 School Year



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

BOCES provided professional 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	24	15	1829	1662	0	0	281	349	0	0
Data-Driven Instruction	0	0	0	0	0	0	0	0	0	0
Lead Evaluator Training	0	12	0	0	0	0	0	16	0	0
Principal Evaluator Training	16	16	0	0	0	0	9	66	0	0
Integrating Technology into Curricula & Instruction	15	15	212	118	0	0	0	31	0	0
Project Based Learning	0	0	0	0	0	0	0	0	0	0
College & Career Readiness	0	0	0	0	0	0	0	0	0	0
Career and Technical Education	0	10	0	21	0	0	0	0	0	0
Middle Level Education	17	16	426	223	0	0	10	31	0	0
Positive Youth Development	24	15	1829	1662	0	0	281	349	0	0
Instructional Strategies	24	15	1829	1662	0	0	281	349	0	0
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	21	21	89	246	0	0	8	17	0	0
(RSE-TASC ) Regional Special Education Technical Assistance Support	21	21	89	246	0	0	8	17	0	0
(SE-SIS) Special Education School Improvement Specialist	0	0	0	0	0	0	0	0	0	0
RBE-RN	0	0	0	0	0	0	0	0	0	0
Leadership Training	18	15	0	9	0	0	146	72	0	0
ECE Training (Early Childhood)	0	0	0	0	0	0	0	0	0	0

<b>Professional Practice (APPR)</b>	0	5	0	0	0	0	0	13	0	0
<b>Culture/Climate</b>	0	0	0	0	0	0	0	0	0	0
<b>School &amp; District Planning</b>	18	15	0	8	0	0	146	0	0	0
<b>Response to Intervention</b>	0	0	0	0	0	0	0	0	0	0
<b>Data Management and Analysis</b>	0	0	0	0	0	0	0	0	0	0
<b>Learning Standards (ELA, MST, etc.)</b>	24	15	1829	1662	0	0	281	349	0	0
<b>Interdisciplinary Teaching (including integration of career technology &amp; academics)</b>	0	4	0	14	0	0	0	0	0	0
<b>Other</b>	0	0	0	0	0	0	0	0	0	0

## Technology Services 2018-2019 School Year



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

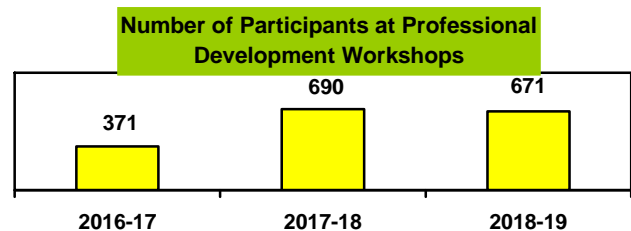
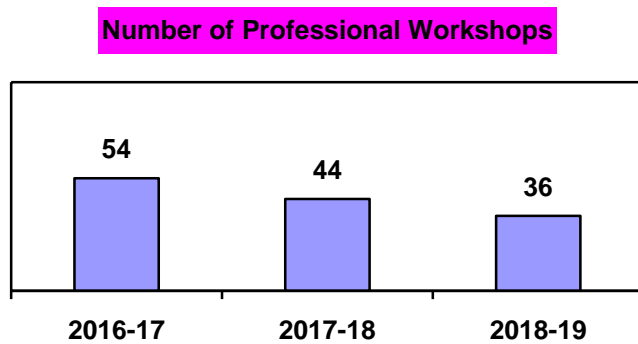
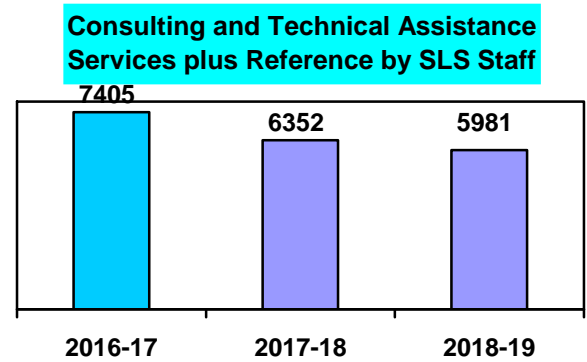
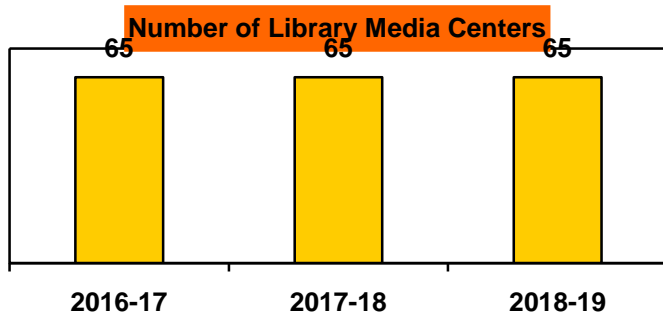
BOCES provides technology services to district and BOCES staff and students in the following areas:	Districts / Number of District Staff	Number of BOCES Staff	Students	Provided by the BOCES	Provided by the RIC
Distance Learning	12/0	0	0	0	0
Instructional Computing	0/0	0	0	0	0
Computer/Audio Visual Repair	0/0	0	0	0	0
Library Automation/Software	12/0	0	0	0	0
LAN Installation/Support	0/0	0	0	0	0
Distributed Process Technicians	0/0	0	0	0	0
Guidance Information	0/0	0	0	0	0
Administrative Computer Services	0/0	0	0	0	0
Administrative Training	0/0	0	0	0	0
Instructional Media Resources	14/0	0	0	0	0
Model Schools	19/0	0	0	0	0
Other Student Instructional Support	0/0	0	0	0	0



# School Library Systems (SLS) 2018-2019 School Year



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*



# 2018-2019 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$3,068,035.78
Capital Expenses.....	\$1,893,412.10
Total Program Expenses.....	\$115,842,208.52
Total Expenses.....	\$120,803,656.40

