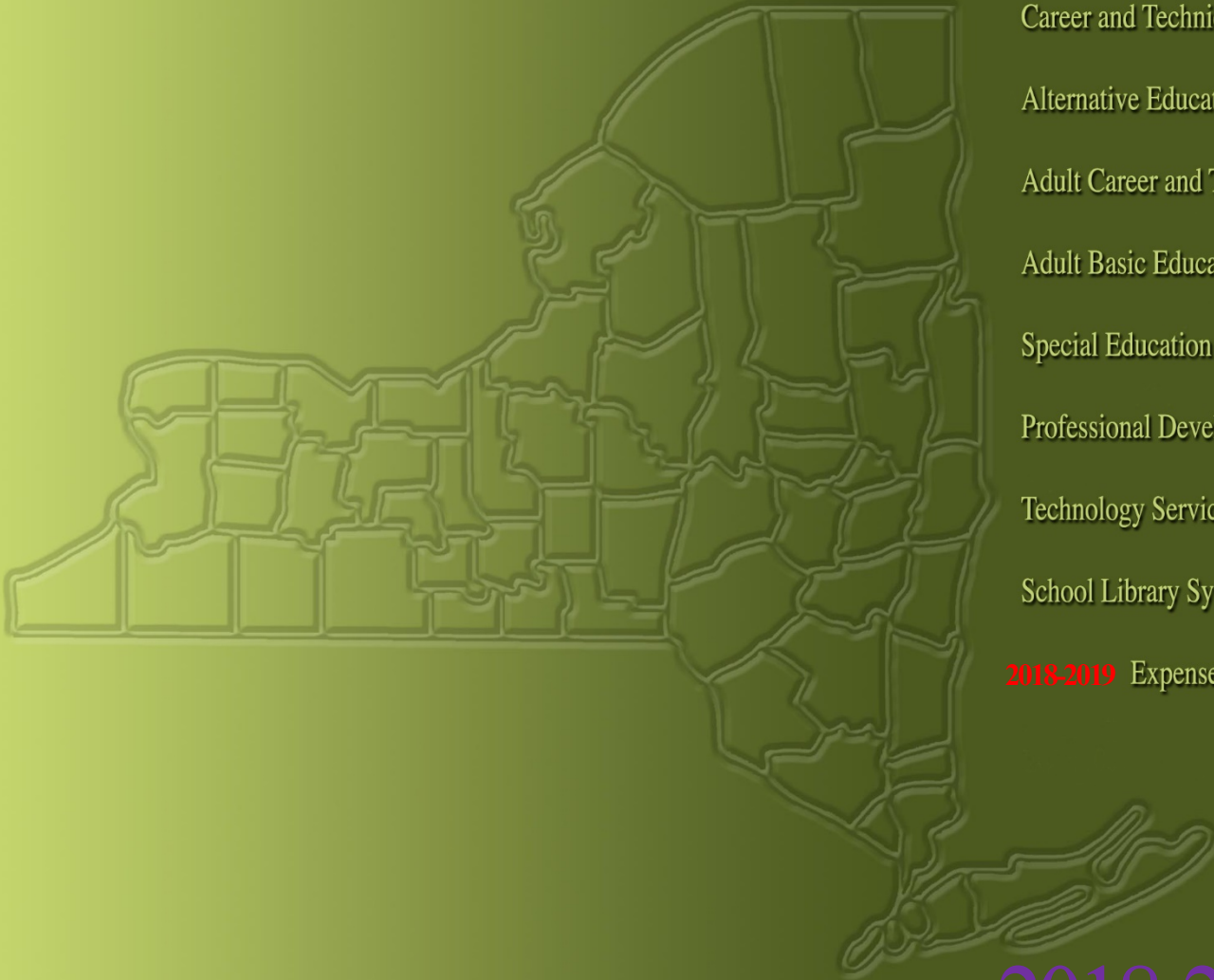


BOARD OF COOPERATIVE EDUCATIONAL SERVICES
REPORT CARD



- 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

Onondaga Cortland Madison BOCES

**Onondaga Cortland Madison BOCES
Board of Cooperative Educational Services
2018-2019 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

Onondaga Cortland Madison BOCES
42900000000

Component Districts

- Baldwinsville Central School District
- Cazenovia Central School District
- Chittenango Central School District
- Cincinnatus Central School District
- Cortland Enlarged City School District
- DeRuyter Central School District
- East Syracuse Minoa Central School District
- Fabius-Pompey Central School District
- Fayetteville-Manlius Central School District
- Homer Central School District
- Jamesville-DeWitt Central School District
- LaFayette Central School District
- Liverpool Central School District
- Lyncourt Union Free School District
- Marathon Central School District
- Marcellus Central School District
- McGraw Central School District
- North Syracuse Central School District
- Onondaga Central School District
- Solvay Union Free School District
- Tully Central School District
- West Genesee Central School District
- Westhill 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 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
2017-18	2017-18	2018-19	2018-19
563	132	440	176
390	118	301	123
356	115	262	111
298	78	291	91

Other Career-Related Programs

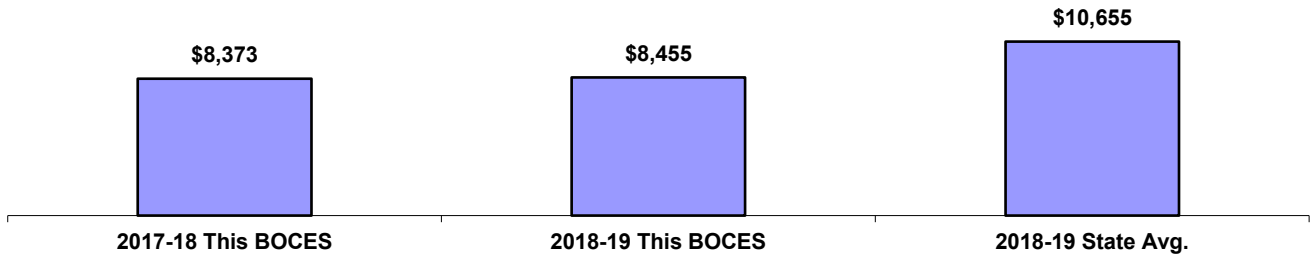
Number of 11th/12th grade students enrolled in one-year programs:

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

77	7	60	7
0	0	0	0
0	0	0	0

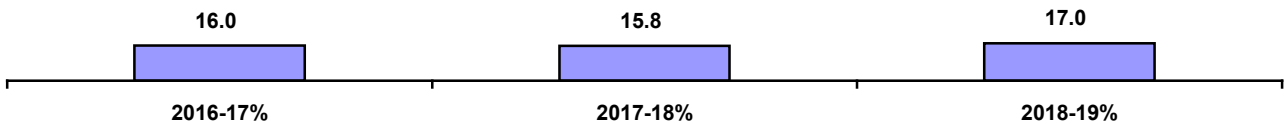
Tuition Per Student for CTE Programs

Data Source: 602 Report



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

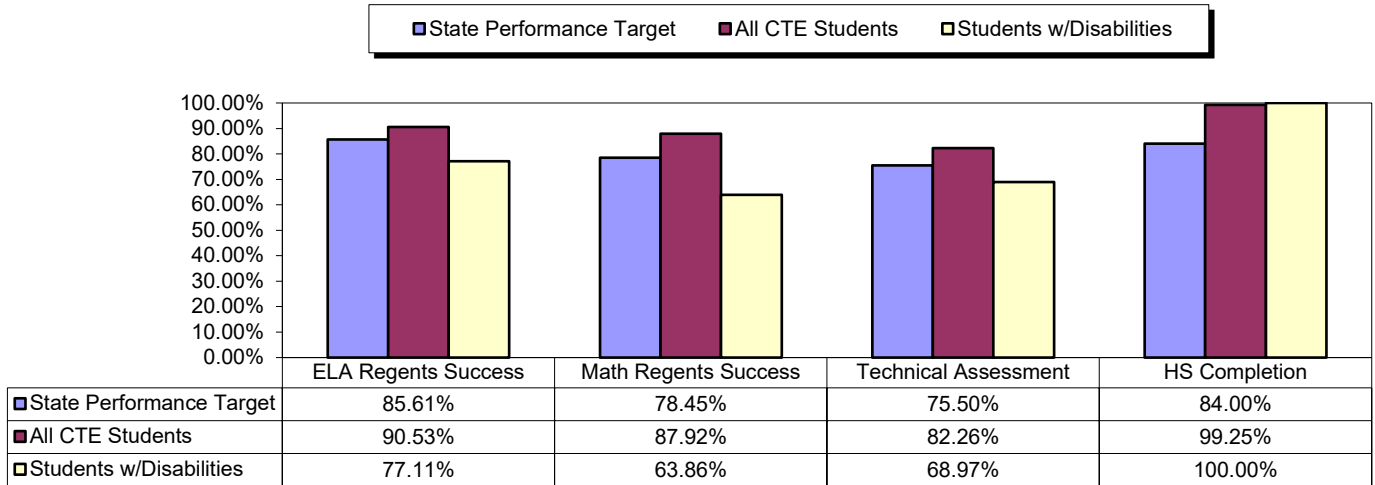
Data Source: SIRS



* 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

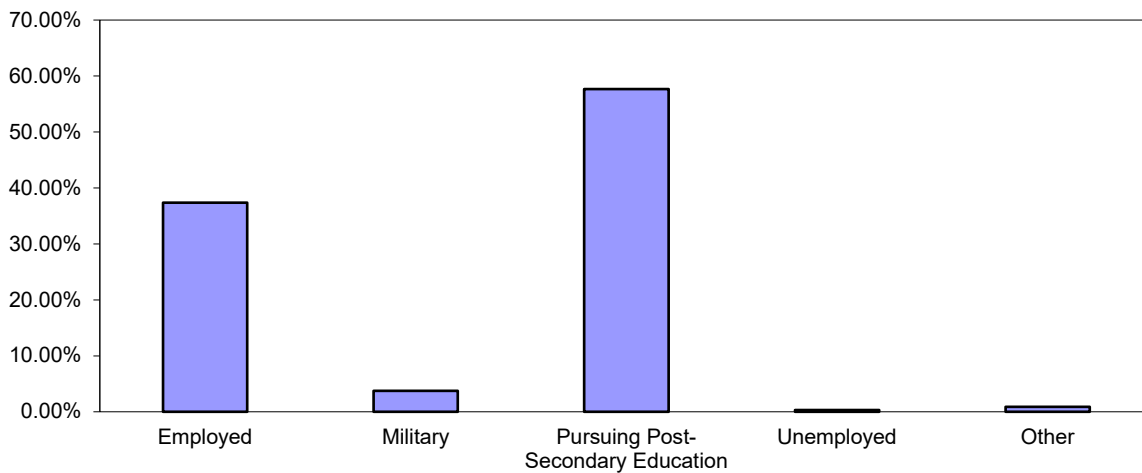
<http://www.p12.nysed.gov/cte/perkins4/docs/2018-19PerkinsReportCards052118.pdf>

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

TOTAL PLACEMENT

YOUR BOCES	STATE TARGET
98.84%	91.00 %

2016-2017 All Graduates (General Education and Students with Disabilities)



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.

Number of students who:

Enrolled

Passing Rate of Students Tested

Remained / Still Enrolled in the Program

Left the program and did not enter another district or BOCES program (dropouts)

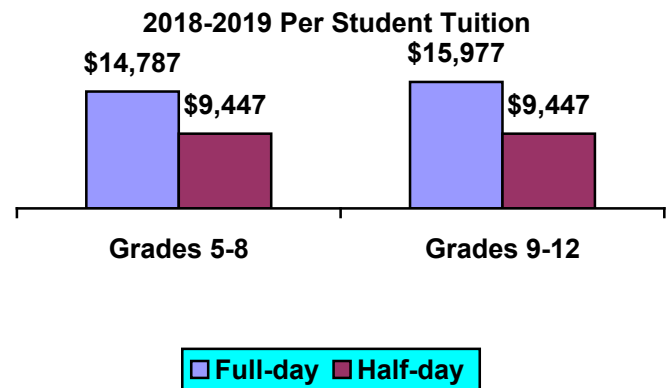
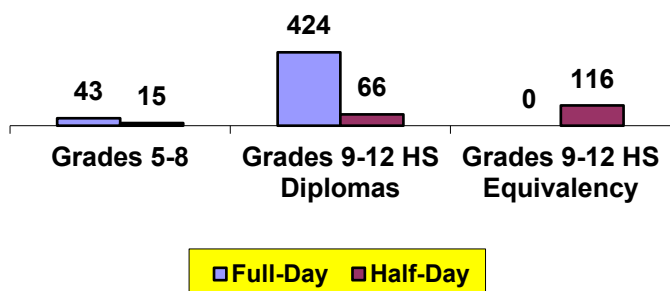
Returned to School District:

Grades 9-12 Programs Leading GED	
Half- day	Full-day
116	0
73	0
29	0
14	0
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**



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	12	9	72	30	0	0
Remained in the BOCES program	31	6	247	27	29	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	45	7	14	0
Received high school diplomas	0	0	60	2	0	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)	75	37	31	143	52.4%	25.9%	21.7%
Algebra II (CC)	2	2	4	8	25.0%	25.0%	50.0%
Geometry (CC)	23	4	6	33	69.7%	12.1%	18.2%
English Language Arts (CC)	14	13	47	74	18.9%	17.6%	63.5%
Living Environment	21	26	42	89	23.6%	29.2%	47.2%
Physical Setting/ Earth Science	26	12	18	56	46.4%	21.4%	32.1%
Physical Setting/ Chemistry	2	0	0	2	100.0%	0.0%	0.0%
Physical Setting/ Physics	2	1	2	5	40.0%	20.0%	20.0%
Global History and Geography II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography Transition	53	19	36	108	49.1%	17.6%	33.3%
United States History and Government	20	23	35	78	25.6%	29.5%	44.9%

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 2017-18	804	--	--
Continuing Enrollment after 2017-18	267	0.0%	20.39%
Completed or Left During 2017-18	530	0.0%	78.41%
Left Prior to Completion During 2017-18	81	0.0%	13.78%
Completed by the End of 2017-18	449	0.0%	85.88%
Completed or Left During 2017-18 and Status Known	412	0.0%	65.54%
Completed/Left/Status Known and Successfully Placed*	391	0.0%	80.56%
Completed but Not seeking Employment	5	0.0%	2.91%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2017-18	0	--	--
Completed a Non-Traditional Program By the End of 2017-18	0	0.0%	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 906.

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	752	743	649	752	60%	743	49%	649	63%
Adult Secondary (Low)	173	111	89	171	69%	111	69%	89	49%
ESOL	159	176	168	159	68%	176	61%	168	70%

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	0	0	0	0	0.0%	0	0.0%	0	0.0%
Retained employment	0	0	0	0	0.0%	0	0.0%	0	0.0%
Obtained secondary or HS equivalency diploma	0	0	91	0	0.0%	0	0.0%	69	76%
Entered post-secondary education or training	0	0	0	0	0.0%	0	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)

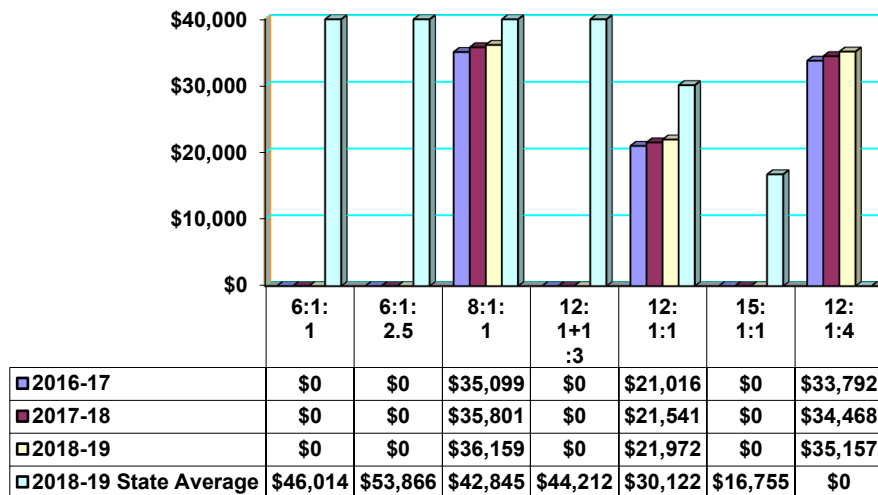
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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	352	345	364
12:1+1:3	0	0	0
6:1:1	0	0	0
12:1:1	165	149	131
15:1:1	0	0	0
6:1:2.5	0	0	0
12:1:4	184	223	234

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	15	4	2	0	21	28.6%	9.5%	15
Grade 4 English Language Arts	16	3	1	0	20	20.0%	5.0%	11
Grade 5 English Language Arts	9	2	0	0	11	18.2%	0.0%	5
Grade 6 English Language Arts	14	1	2	0	17	17.6%	11.8%	12
Grade 7 English Language Arts	11	0	0	0	11	0.0%	0.0%	10
Grade 8 English Language Arts	9	5	1	0	15	40.0%	6.7%	20
Grade 3 Mathematics	19	4	1	0	24	20.8%	4.2%	14
Grade 4 Mathematics	16	5	0	1	22	27.3%	4.5%	7
Grade 5 Mathematics	9	1	0	0	10	10.0%	0.0%	5
Grade 6 Mathematics	14	5	0	0	19	26.3%	0.0%	10
Grade 7 Mathematics	6	2	0	0	8	25.0%	0.0%	12
Grade 8 Mathematics	10	2	0	0	12	16.7%	0.0%	22

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.)

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)	19	8	9	36	52.8%	22.2%	25.0%
Algebra 2 (CC)	0	0	2	2	0.0%	0.0%	100.0%
Geometry (CC)	0	1	0	1	0.0%	100.0%	0.0%
Living Environment	6	4	15	25	24.0%	16.0%	60.0%
Physical Setting/ Earth Science	1	0	0	1	100.0%	0.0%	0.0%
Physical Setting/ Chemistry	0	0	1	1	0.0%	0.0%	100.0%
Physical Setting/ Physics	0	0	0	0	0.0%	0.0%	0.0%
English Language Arts (CC)	7	6	15	28	25.0%	21.4%	53.6%
Global History and Geography II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography Transition	11	3	9	23	47.8%	13.0%	39.1%
United States History & Government	9	5	10	24	37.5%	20.8%	41.7%

**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	0	8	3	11	100.0%	0.0%	0
Grade 4 English Language Arts	0	2	13	0	15	100.0%	86.7%	0
Grade 5 English Language Arts	0	1	8	1	10	100.0%	90.0%	1
Grade 6 English Language Arts	0	1	13	0	14	100.0%	92.9%	0
Grade 7 English Language Arts	1	2	7	2	12	91.7%	75.0%	0
Grade 8 English Language Arts	0	3	11	2	16	100.0%	81.2%	1
High School English Language Arts	0	8	6	1	15	100.0%	46.7%	0
Grade 3 Mathematics	0	0	10	1	11	100.0%	100.0%	0
Grade 4 Mathematics	0	1	12	2	15	100.0%	93.3%	0
Grade 5 Mathematics	0	0	9	1	10	100.0%	100.0%	1
Grade 6 Mathematics	1	2	10	1	14	92.9%	78.6%	0
Grade 7 Mathematics	1	3	6	2	12	91.7%	66.7%	0
Grade 8 Mathematics	0	3	11	2	16	100.0%	81.2%	1
High School Mathematics	0	3	12	0	15	100.0%	80.0%	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 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	76	15	123	120	0	0	0	0	14	0
Data-Driven Instruction	0	0	0	0	0	0	0	0	0	0
Lead Evaluator Training	29	0	16	0	0	0	0	0	0	0
Principal Evaluator Training	0	0	0	0	0	0	0	0	0	0
Integrating Technology into Curricula & Instruction	32	10	54	11	0	0	0	0	0	0
Project Based Learning	31	15	142	87	0	0	0	10	6	17
College & Career Readiness	0	0	0	0	0	0	0	0	0	0
Career and Technical Education	0	0	0	0	0	0	0	0	0	0
Middle Level Education	0	0	0	0	0	0	0	0	0	0
Positive Youth Development	0	0	0	0	0	0	0	0	0	0
Instructional Strategies	223	104	838	402	4	22	14	7	64	28
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	0	0	0	0	0	0	0	0	0	0
(RSE-TASC) Regional Special Education Technical Assistance Support	0	0	0	0	0	0	0	0	0	0
(SE-SIS) Special Education School Improvement Specialist	0	0	0	0	0	0	0	0	0	0
RBE-RN	237	226	627	1250	23	99	0	2	33	206
Leadership Training	83	352	136	827	1	3	6	90	80	344
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	53	1	301	210	140	60	0	0	200	0
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.)	0	0	0	0	0	0	0	0	0	0
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	0	0	0	0	0	0	0	0
Other – Science	409	360	1582	101	60	0	60	40	530	360

Technology Services 2018-2019 School Year



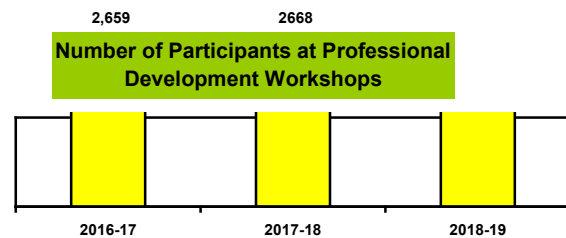
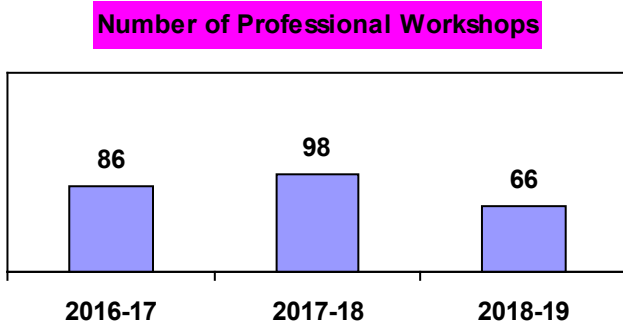
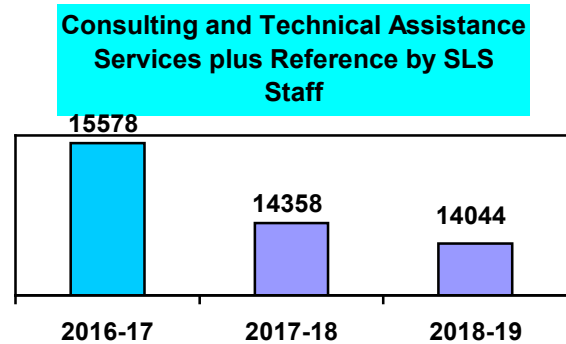
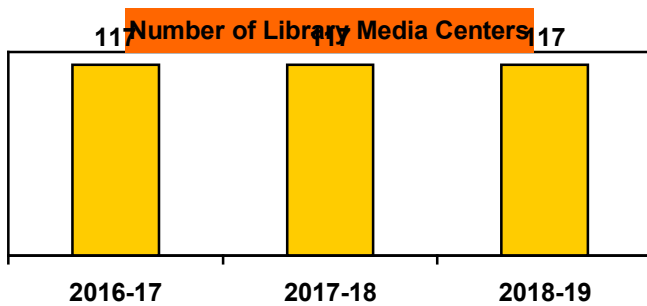
Please indicate if the service was provided by BOCES or Regional Information Center (RIC) by placing a X in the correct column.

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	1/1	1	1		X
Instructional Computing	0/0	0	0		
Computer/Audio Visual Repair	19/4,782	5	0		X
Library Automation/Software	23/5,660	22	60,342	X	
LAN Installation/Support	9/1,855	5	18,866		X
Distributed Process Technicians	22/0	12	0		X
Guidance Information	23/5,660	1	60,342		X
Administrative Computer Services	0/0	0	0		
Administrative Training	23/5,660	7	60,342		X
Instructional Media Resources	23/5,660	16	60,342		
Model Schools	23/5,660	7	60,342		X
Other Student Instructional Support	23/5,660	7	60,342		X

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.....	\$7,642,677.58
Capital Expenses.....	\$2,696,049.00
Total Program Expenses.....	\$128,708,337.99
Total Expenses.....	\$139,047,064.57

