BOARD OF COOPERATIVE EDUCATIONAL SERVICES
REPORT CARD

Career and Technical Education

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Orange-Ulster BOCES

Orange-Ulster BOCES
Board of Cooperative Educational Services
2018-2019 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

Orange-Ulster BOCES
49-000000000

Component Districts

- **Chester UFSD**
- **Cornwall CSD**
- **Florida UFSD**
- **Goshen CSD**
- **Greenwood Lake UFSD**
- **Highland Falls-Fort Montgomery CSD**
- **Kiryas Joel Village School UFSD**
- **Marlboro CSD**
- **Middletown ECSD**
- **Minisink Valley CSD**
- **Monroe-Woodbury CSD**
- **Pine Bush CSD**
- **Port Jervis CSD**
- **Tuxedo UFSD**
- **Valley Central SD**
- **Warwick Valley CSD**
- **Washingtonville CSD**

Non-Component Districts

- **Newburgh 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.

	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:	**2017-18**	**2017-18**	**2018-19**	**2018-19**
First-year students	584	407	561	357
Second-year students	450	231	482	274
Second-year students completing	448	231	480	274
Completers with technical endorsement	254	140	180	55

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	128	49	63	25
Other one-year programs	19	13	11	11

Tuition Per Student for CTE Programs
Data Source: 602 Report

$10,487	$11,010	$10,655
2017-18 This BOCES	**2018-19 This BOCES**	**2018-19 State Avg.**
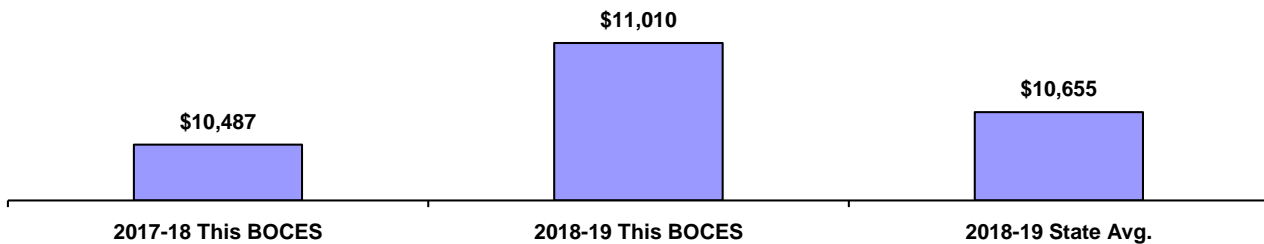
*Number Enrolled in CTE Programs as a Percent of all Juniors and Seniors in Component District High Schools
Data Source: SIRS

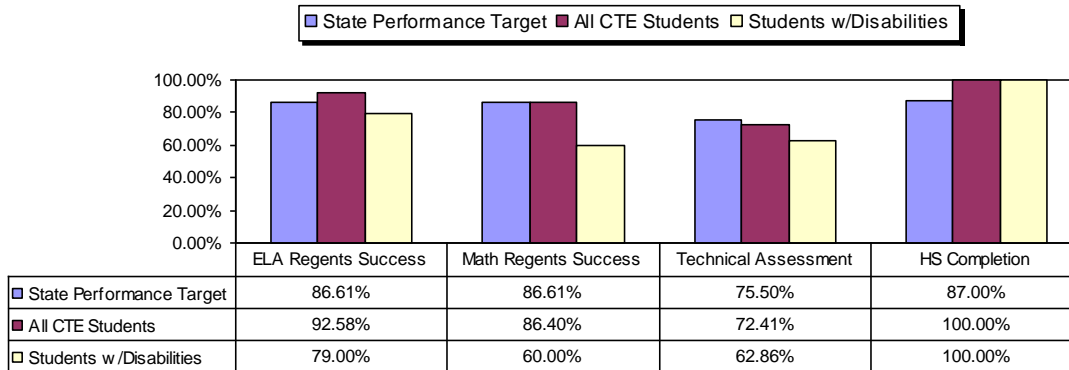| 20.8	20.6	20.7
2016-17%	**2017-18%**	**2018-19%**
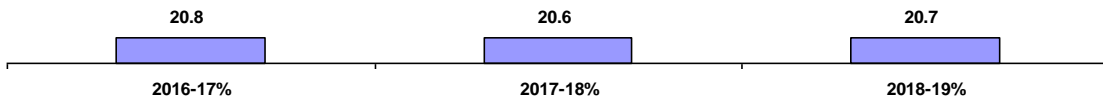
* Data Include General Education and Students with Disabilities. *Data Source: SIRS*

CTE Student Performance on Perkins Indicators
Who Left School in 2018

Data Source: SIRS

	ELA Regents Success	Math Regents Success	Technical Assessment	HS Completion
■ State Performance Target	86.61%	86.61%	75.50%	87.00%
■ All CTE Students	92.58%	86.40%	72.41%	100.00%
□ Students w/Disabilities	79.00%	60.00%	62.86%	100.00%

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
97.02%	92.0 %

Legend: ■ 2016-2017 All Graduates (General Education and Students with Disabilities) □ 2016-2017 Students with Disabilities
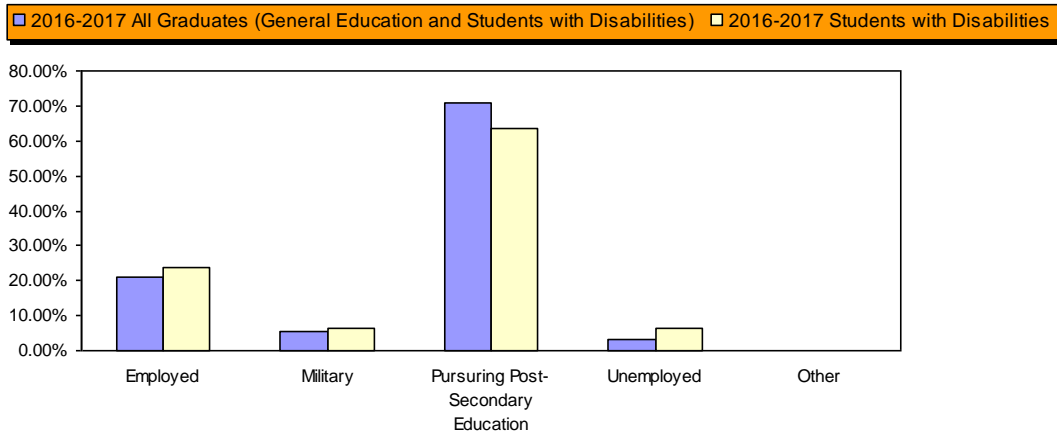
General Education Development Leading to (GED)
For CTE Students Age 16-18
2018-2019

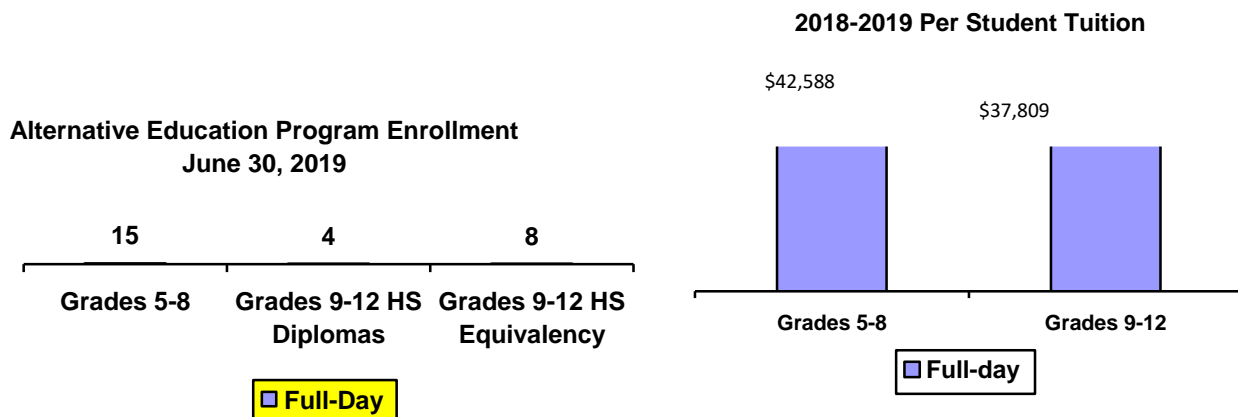The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.

Number of students who:	Grades 9-12 Programs Leading GED	
	Half- day	Full-day
Enrolled	0	0
Passing Rate of Students Tested	0	0
Remained / Still Enrolled in the Program	0	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0
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, 2019

15	4	8
Grades 5-8	Grades 9-12 HS Diplomas	Grades 9-12 HS Equivalency

□ Full-Day

2018-2019 Per Student Tuition

$42,588 — Grades 5-8

$37,809 — Grades 9-12

□ Full-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	26	70	0	0	0	0
Remained in the BOCES program	15	0	4	0	8	0
Left the program and did not enter another district or BOCES program (dropouts)	2	0	5	0	12	0
Received high school diplomas	0	0	0	7	2	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)	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 II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%
Global History and Geography Transition	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%

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 Count	This BOCES Percentage	BOCES Statewide Average
All CTE Programs			
Enrolled during 2017-18	352	--	--
Continuing Enrollment after 2017-18	19	5.4%	20.39%
Completed or Left During 2017-18	352	100.0%	78.41%
Left Prior to Completion During 2017-18	38	10.8%	13.78%
Completed by the End of 2017-18	314	89.2%	85.88%
Completed or Left During 2017-18 and Status Known	185	52.56%	65.54%
Completed/Left/Status Known and Successfully Placed*	150	81.08%	80.56%
Completed but Not seeking Employment	0	0.0%	2.91%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2017-18	352	--	--
Completed a Non-Traditional Program By the End of 2017-18	314	89.2%	82.01%
Under-Represented Gender Members Enrolled during 2017-18	34		
Under-Represented Gender Members Who Completed during 2017-18	27	79.41%	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 1,063.

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 2016-17	Enrollment 2017-18	Enrollment 2018-19	Educational Gain 2016-17	Percent	Educational Gain 2017-18	Percent	Educational Gain 2018-19	Percent
Adult Beginning/ Intermediate	434	283	255	218	50.2%	129	45.6%	105	41.0%
Adult Secondary (Low)	37	32	13	14	37.8%	14	43.8%	11	84.0%
ESOL	958	934	795	591	61.6%	525	56.2%	429	54.0%

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 2016-17	Students with Goal 2017-18	Students with Goal 2018-19	Students Achieving Goal 2016-17	Percent	Students Achieving Goal 2017-18	Percent	Students Achieving Goal 2018-19	Percent
Entered employment	NA	NA	380	NA	0.0%	NA	0.0%	199	52.0%
Retained employment	NA	NA	560	NA	0.0%	NA	0.0%	215	38.0%
Obtained secondary or HS equivalency diploma	NA	35	35	NA	0.0%	10	28%	13	37.0%
Entered post-secondary education or training	NA	NA	0	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)
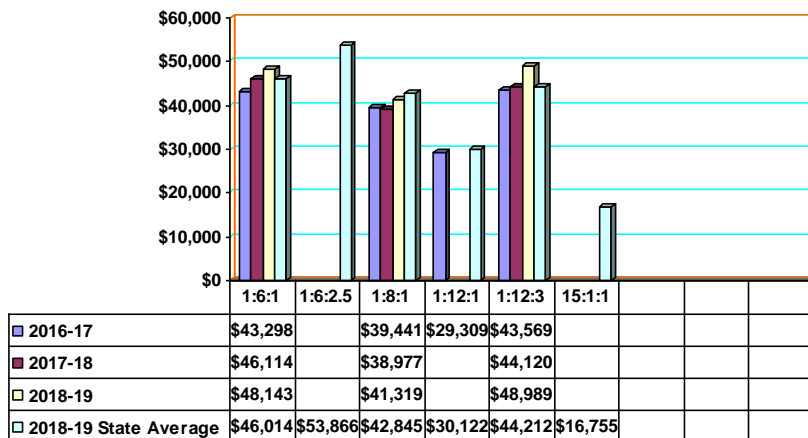
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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	133	125	131
12:1+1:3	562	586	609
6:1:1	283	286	280
12:1:1	10	0	0
15:1:1	NA	NA	0
6:1:2.5	NA	NA	0

Tuition Rates Per Student
2016-17 through 2018-19

	1:6:1	1:6:2.5	1:8:1	1:12:1	1:12:3	15:1:1
2016-17	$43,298		$39,441	$29,309	$43,569	
2017-18	$46,114		$38,977		$44,120	
2018-19	$48,143		$41,319		$48,989	
2018-19 State Average	$46,014	$53,866	$42,845	$30,122	$44,212	$16,755

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	29	10	0	0	39	25.6%	0.0%	0
Grade 4 English Language Arts	22	12	2	0	36	38.9%	5.6%	0
Grade 5 English Language Arts	23	2	0	1	26	0.0%	0.0%	0
Grade 6 English Language Arts	21	2	0	1	24	12.5%	4.0%	0
Grade 7 English Language Arts	26	3	2	1	32	16.7%	9.4%	0
Grade 8 English Language Arts	32	5	2	0	39	9.0%	5.1%	0
Grade 3 Mathematics	32	4	1	1	38	15.8%	5.3%	0
Grade 4 Mathematics	18	9	5	1	33	45.5%	18.2%	0
Grade 5 Mathematics	21	3	2	1	27	22.2%	11.1%	0
Grade 6 Mathematics	27	2	0	0	29	6.9%	0.0%	0
Grade 7 Mathematics	28	4	1	0	33	15.2%	3.0%	0
Grade 8 Mathematics	27	1	1	0	29	6.9%	3.4%	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.)

2018-2019 School Year

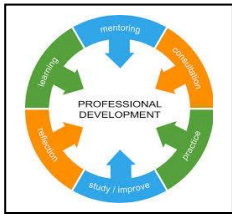| State Assessment-Regents Exams	Counts of Students Tested				Percentage of Students Tested		
	Below 55	55-64	65 and Above	Total	Below 55 - Percent	55-64 - Percent	65 and Above - Percent
Algebra 1 (CC)	50	17	16	83	60.2%	20.5%	19.3%
Algebra 2 (CC)	0	0	1	1	0.0%	0.0%	100.0%
Geometry (CC)	0	2	2	4	0.0%	50.0%	50.0%
Living Environment	38	18	21	77	49.4%	23.4%	27.3%
Physical Setting/ Earth Science	4	1	3	8	50.0%	12.5%	37.5%
Physical Setting/ Chemistry	0	2	0	2	0.0%	100.0%	0.0%
Physical Setting/ Physics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
English Language Arts (CC)	51	16	31	98	52.0%	16.3%	31.6%
Global History and Geography II (New Framework)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Global History and Geography Transition	103	16	14	133	77.4%	12.0%	10.5%
United States History & Government	49	6	18	73	67.1%	8.2%	24.7%

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	2	8	20	3	33	93.9%	69.7%	0.0%
Grade 4 English Language Arts	0	6	37	1	44	100.0%	86.4%	0.0%
Grade 5 English Language Arts	0	3	33	6	42	100.0%	0.0%	0.0%
Grade 6 English Language Arts	0	4	26	5	35	100.0%	88.6%	0.0%
Grade 7 English Language Arts	2	5	23	3	33	93.9%	78.8%	0.0%
Grade 8 English Language Arts	0	5	15	6	26	100.0%	80.8.0%	0.0%
High School English Language Arts	4	4	37	8	53	92.5%	84.9%	0.0%
Grade 3 Mathematics	1	8	23	1	33	97.0%	72.7%	0.0%
Grade 4 Mathematics	4	8	23	10	45	91.1%	73.3%	0.0%
Grade 5 Mathematics	0	5	34	3	42	100.0%	88.1.%	0.0%
Grade 6 Mathematics	6	6	17	8	34	91.2%	73.5%	0.0%
Grade 7 Mathematics	1	7	20	5	33	97.0%	78.5%	0.0%
Grade 8 Mathematics	0	7	18	1	26	100.0%	73.1%	0.0%
High School Mathematics	5	6	32	9	52	90.4%	78.8%	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	0	0	34	13	0	0	0	0	6	2
Data-Driven Instruction	0	0	20	0	0	0	0	0	2	3
Lead Evaluator Training	0	0	0	4	0	0	0	7	7	43
Principal Evaluator Training	0	0	0	0	0	0	0	0	7	2
Integrating Technology into Curricula & Instruction	0	0	289	100	12	4	3	1	57	53
Project Based Learning	0	0	0	0	0	0	0	0	0	0
College & Career Readiness	0	0	0	9	0	1	0	0	28	13
Career and Technical Education	0	0	30	1	3	0	0	0	2	0
Middle Level Education	0	0	0	9	0	0	0	7	1	50
Positive Youth Development	0	0	20	2	0	0	2	0	2	52
Instructional Strategies	0	0	982	346	9	11	0	22	142	108
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	0	0	11	53	0	7	0	1	7	21
(RSE-TASC) Regional Special Education Technical Assistance Support	0	0	0	27	0	0	0	0	0	36
(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	0	0	6	5	0	0	4	0	19	98
ECE Training (Early Childhood)	0	0	8	0	1	0	0	0	1	0
Professional Practice (APPR)	0	0	5	0	0	0	0	0	2	0
Culture/Climate	0	0	137	55	5	3	1	4	343	105
School & District Planning	0	0	34	11	0	0	0	0	6	3
Response to Intervention	0	0	0	6	0	0	0	1	0	16
Data Management and Analysis	0	0	0	0	0	0	0	0	5	0
Learning Standards (ELA, MST, etc.)	0	0	70	21	0	0	0	0	9	6
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	3	0	0	0	0	0	3	0
Other	9	7	1,318	587	221	186	63	102	266	585

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	19 / 6,983	7	47,033	x	0
Instructional Computing	18 / 6,774	6	50,209	x	0
Computer/Audio Visual Repair	0/0	0	0	0	0
Library Automation/Software	11 / 4,574	4	30,068	x	0
LAN Installation/Support	26 / 5621	14	68279	x	0
Distributed Process Technicians	26 / 5621	14	68279	x	0
Guidance Information	26 / 5621	14	68279	x	0
Administrative Computer Services	26 / 5621	14	0	x	0
Administrative Training	0/0	0	0	0	0
Instructional Media Resources	5 / 1,926	4	15,726	x	0
Model Schools	18 / 6,774	6	50,209	x	0
Other Student Instructional Support	41 / 12,174	17	80,087	x	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*
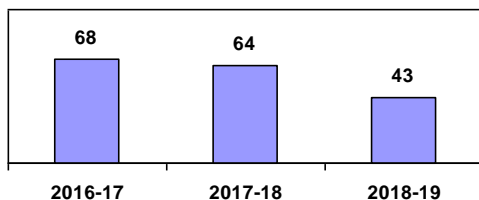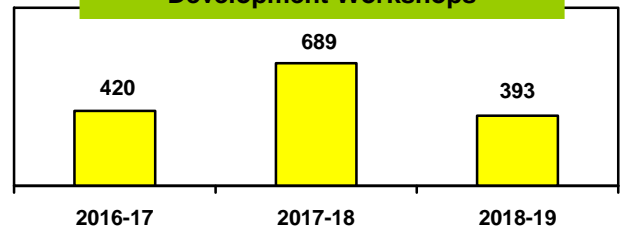
Number of Library Media Centers

2016-17	2017-18	2018-19
102	102	102
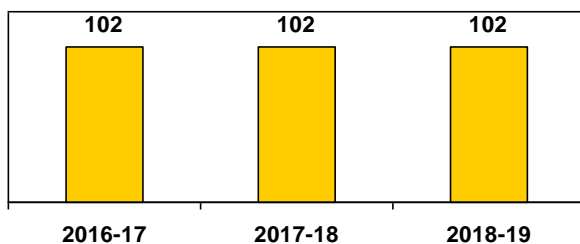
Consulting and Technical Assistance Services plus Reference by SLS Staff

2016-17	2017-18	2018-19
312	6615	7112
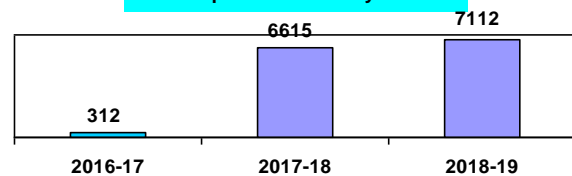
Number of Professional Workshops

2016-17	2017-18	2018-19
68	64	43

Number of Participants at Professional Development Workshops

2016-17	2017-18	2018-19
420	689	393

2018-2019 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses…………… …...$6,729,105.79

Capital Expenses……………………………………………………………………………… $1,924,520.43

Total Program Expenses……………………………………………………………………….$155,521,656.03

Total Expenses……………………………………………………………………………..$164,175,282.25

Total Program 94.7%

*Administration 4.1%

Capital 1.2%

Itinerant Services 2%

Instruction of Students with Disabilities 58%

General Instruction 2%

Instructional Support 14%

Other Services 11%

Career & Technical Education 13%