

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**

**Washington-Saratoga-Warren-Hamilton-Essex  
(WSWHE) BOCES**

**Washington-Saratoga-Warren-Hamilton-Essex BOCES  
Board of Cooperative Educational Services  
2016-2017 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

**Washington-Saratoga-Warren-Hamilton-Essex BOCES**  
**64900000000**

**Component Districts**

- Argyle Central School District
- Ballston Spa Central School District
- Bolton Central School District
- Cambridge Central School District
- Corinth Central School District
- Fort Ann Central School District
- Fort Edward Union Free School District
- Galway Central School District
- Glens Falls City School District
- Glens Falls Common School District (Abraham Wing)
- Granville Central School District
- Greenwich Central School District
- Hadley-Luzerne Central School District
- Hartford Central School District
- Hudson Falls Central School District
- Indian Lake Central School District
- Johnsbury Central School District
- Lake George Central School District
- Mechanicville City School District
- Minerva Central School District
- Newcomb Central School District
- North Warren Central School District
- Queensbury Union Free School District
- Salem Central School District
- Saratoga Springs City School District
- Schuylerville Central School District
- South Glens Falls Central School District
- Stillwater Central School District
- Warrensburg Central School District
- Waterford-Halfmoon Union Free School District
- Whitehall 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
2015-16	2015-16	2016-17	2016-17
412	171	480	203
372	119	336	134
354	99	320	109
212	53	209	42

### Other Career-Related Programs

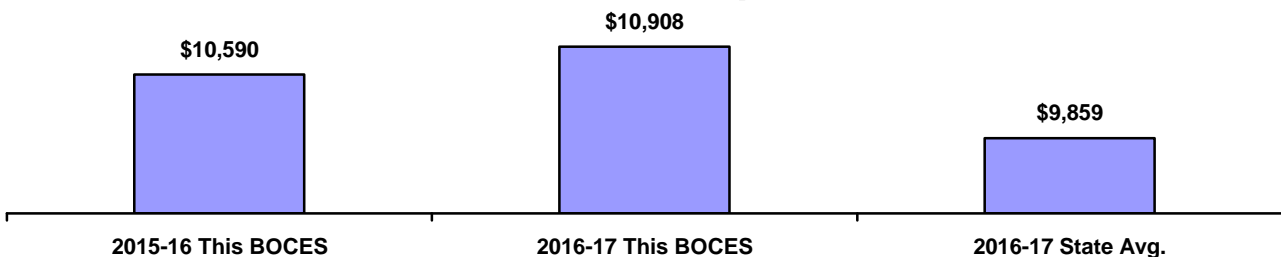
Number of 11<sup>th</sup>/12<sup>th</sup> grade students enrolled in one-year programs:

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

42	0	40	0
0	0	0	0
0	0	0	0

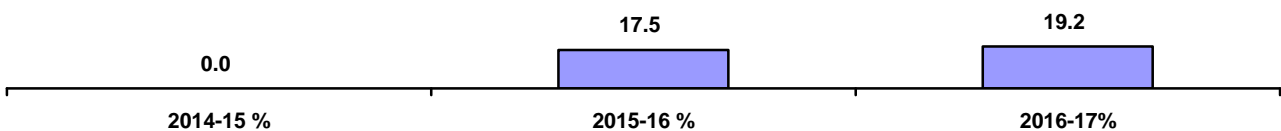
### Tuition Per Student for CTE Programs

Data Source: 602 Report



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

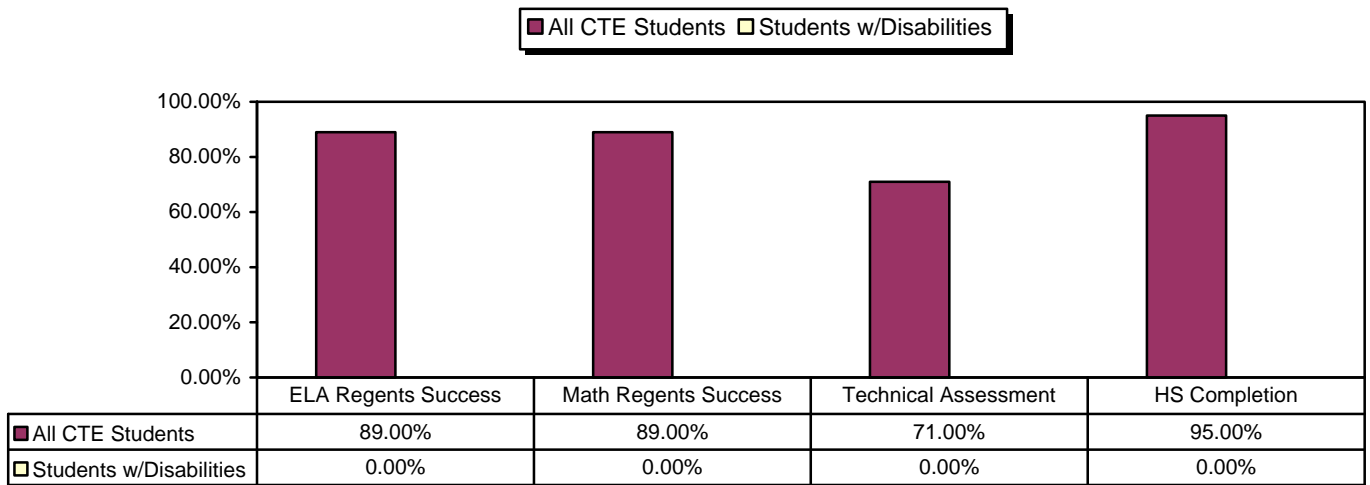
Data Source: WSWHE BOCES BoE Enrollment Report



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

## CTE Student Performance on Perkins Indicators Who Left School in 2016

Data Source: Perkins Report

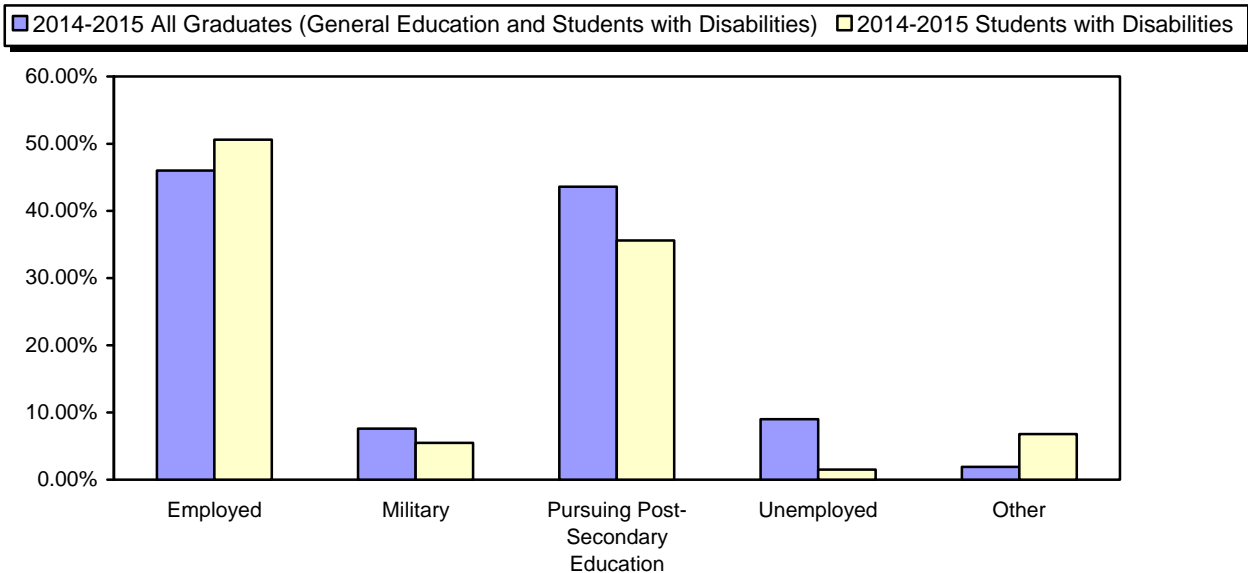


## Status of Career and Technical Education (CTE) Students 2016 Placement Outcomes

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/RptCardsFinal16-170412116.pdf>

### Total Placement

This BOCES	State Target
<b>97.26%</b>	<b>90.0 %</b>



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

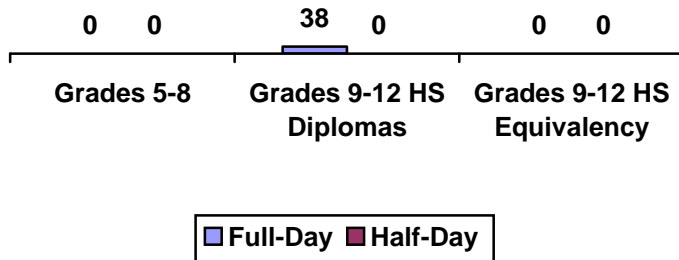
The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.

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

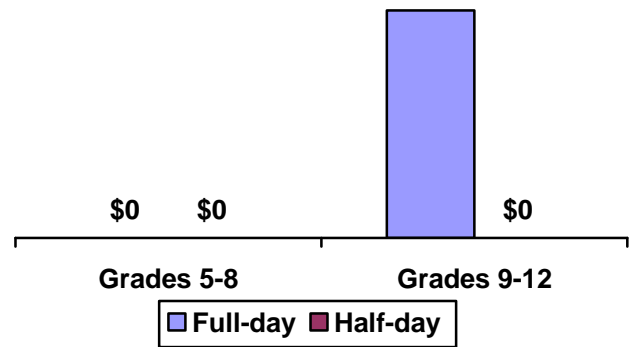
## Alternative Education

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**



## 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	0	0	24	0	0	0
Remained in the BOCES program	0	0	12	0	0	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	2	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
Algebra 1	6	10	3	19	32%	53%	15%
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%
Regents ELA	1	0	0	1	100%	0.0%	0.0%
Global History and Geography	14	2	0	16	88%	12%	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	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 Mathematics	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 Mathematics	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 10 Science	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 Science	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 Science	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 10 Global Studies	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 Global Studies	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 Global Studies	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 Reading	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 Reading	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 Writing	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 Writing	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 11 United States History & Gov't.	NA	NA	NA	NA	0.0%	0.0%	0.0%
RCT – Grade 12 United States History & Gov't.	NA	NA	NA	NA	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	
<b>All CTE Programs</b>			
Enrolled during 2015-16	22	--	--
Continuing Enrollment after 2015-16	1	4.5%	16.1%
Completed or Left During 2015-16	20	90.1%	84.9%
Left Prior to Completion During 2015-16	4	18.1%	13.5%
Completed by the End of 2015-16	16	72.7%	87.3%
Completed or Left During 2015-16 and Status Known	11	50.0%	71.3%
Completed/Left/Status Known and Successfully Placed*	10	45.5%	77.1%
Completed but Not seeking Employment	0	0.0%	3.2%
<b>Non-Traditional CTE Programs</b>			
Enrolled in Non-Traditional Programs During 2015-16	1	--	--
Under-Represented Gender Members Enrolled During 2015-16	1	--	--
Completed a Non-Traditional Program By the End of 2015-16	0	0.0%	78.0%
Under-Represented Gender Members Who Completed	0	0.0%	78.2%

\* 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 194.

#### 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					
	2014-15	2015-16	2016-17	2014-15		2015-16		2016-17	
					Percent		Percent		Percent
Adult Beginning/Intermediate	NR	164	148	NR	NR	95	57.9%	80	54.0%
Adult Secondary (Low)	NR	31	27	NR	NR	15	48.4%	18	66.0%
ESOL	NR	12	6	NR	NR	5	41.7%	6	100.0%

#### 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			Students Achieving Goal					
	2014-15	2015-16	2016-17	2014-15		2015-16		2016-17	
					Percent		Percent		Percent
Entered employment	NR	3	NA	NR	NR	2	66.6%	NA	NA
Retained employment	NR	2	NA	NR	NR	2	100.0%	NA	NA
Obtained secondary or HS equivalency diploma	NR	53	NA	NR	NR	49	92.5%	NA	NA
Entered post-secondary education or training	NR	51	NA	NR	NR	24	47.1%	NA	NA

# 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.

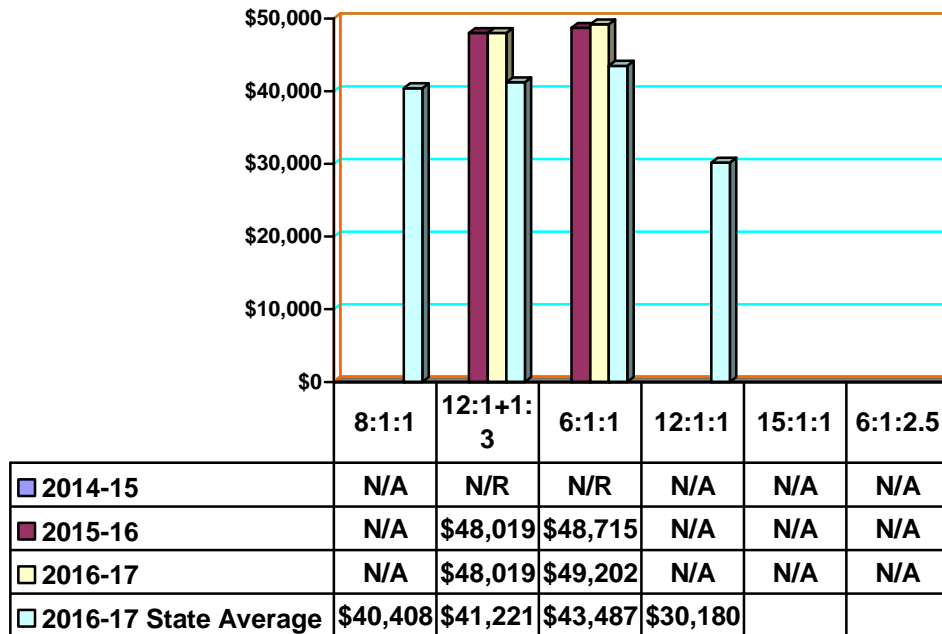
Tuition rates exclude the costs of related services, preschool and summer school programs. BOCES with multiple tuition rates for a program have calculated an average rate. *Data source: 602 Report*

### Enrollment Trends

	2014-15	2015-16	2016-17
<b>8:1:1</b>	N/A	N/A	N/A
<b>12:1+1:3</b>	N/R	48	44
<b>6:1:1</b>	N/R	176	199
<b>12:1:1 + 1</b>	N/R	33	32
<b>15:1:1</b>	N/A	N/A	N/A
<b>6:1:2.5 + 0.5</b>	N/R	14	14

## Tuition Rates Per Student 2014-15 through 2016-17

*Data Source: WSWHE BOCES Pricing Guide*



## 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	8	3	1	0	12	33%	8%	1
Grade 4 English Language Arts	9	6	0	0	15	40%	0.0%	1
Grade 5 English Language Arts	13	3	0	0	16	18%	0.0%	2
Grade 6 English Language Arts	7	1	0	0	8	12.5%	0.0%	2
Grade 7 English Language Arts	11	2	0	0	13	15%	0.0%	7
Grade 8 English Language Arts	11	0	0	0	11	0.0%	0.0%	2

<b>Grade 3 Mathematics</b>	11	1	1	0	13	15%	8%	0
<b>Grade 4 Mathematics</b>	9	4	1	0	14	36%	7%	2
<b>Grade 5 Mathematics</b>	10	3	2	0	15	33%	13%	3
<b>Grade 6 Mathematics</b>	7	0	0	0	7	0.0%	0.0%	3
<b>Grade 7 Mathematics</b>	12	1	0	0	13	8%	0.0%	7
<b>Grade 8 Mathematics</b>	11	0	0	0	11	0.0%	0.0%	2

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.)**  
**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%
Algebra 1	18	6	7	31	58%	19%	23%
Geometry	6	3	0	9	67%	33%	0.0%
Algebra 2	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	12	9	22	43	28%	21%	51%
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%
Regents ELA	17	1	9	27	63%	4%	33%
Global History and Geography	27	9	8	44	61%	21%	18%
United States History and Government	19	2	6	27	70%	8%	22%

**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	0	0	1	0	1	100.0%	100.0%	0.0%
Grade 4 English Language Arts	0	0	1	0	1	100.0%	100.0%	0.0%
Grade 5 English Language Arts	0	0	4	0	4	100.0%	100.0%	0.0%
Grade 6 English Language Arts	0	1	1	0	2	100.0%	50.0%	0.0%
Grade 7 English Language Arts	0	0	4	1	5	100.0%	100.0%	0.0%
Grade 8 English Language Arts	0	0	4	1	5	100.0%	100.0%	0.0%
High School English Language Arts	0	0	3	2	5	100.0%	100.0%	0.0%
Grade 3 Mathematics	0	0	1	0	1	100.0%	100.0%	0.0%
Grade 4 Mathematics	0	0	1	0	1	100.0%	100.0%	0.0%
Grade 5 Mathematics	0	0	4	0	4	100.0%	100.0%	0.0%
Grade 6 Mathematics	0	1	0	1	2	100.0%	50.0%	0.0%
Grade 7 Mathematics	0	1	3	1	5	100.0%	80.0%	0.0%
Grade 8 Mathematics	0	0	5	0	5	100.0%	100.0%	0.0%
High School Mathematics	0	0	5	0	5	100.0%	100.0%	0.0%

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 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	62	23	141	17	139	0	3	1	376	17
Data-Driven Instruction	39	0	0	73	0	0	7	86	0	17
Lead Evaluator Training	8	8	81	7	17	0	5	0	11	3
Principal Evaluator Training	2	7	4	4	7	0	0	0	1	1
Integrating Technology into Curricula & Instruction	59	21	130	58	5	5	1	5	0	0
Project Based Learning	0	0	0	0	0	0	0	0	0	0
College & Career Readiness	26	14	25	13	0	0	0	0	0	0
Career and Technical Education	27	3	26	3	0	0	0	0	0	0
Middle Level Education	0	0	0	0	0	0	0	0	0	0
Positive Youth Development	12	15	0	0	0	0	0	0	0	0
Instructional Strategies	24	11	64	7	283	11	21	41	13	3
Parent Training	0	0	0	0	0	0	0	0	0	0
Special Education Issues	12	2	0	0	0	0	4	20	140	115
(RSE-TASC ) Regional Special Education Technical Assistance Support	5	0	441	0	0	0	23	0	19	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	37	9	97	0	0	0	0	0	0	0
ECE Training (Early Childhood)	0	5	26	0	1	0	1	0	7	2
Professional Practice (APPR)	7	7	13	137	27	31	17	41	16	241
Culture/Climate	29	9	4	0	21	0	17	0	36	0
School & District Planning	29	17	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	32	0	0	0	0	0	0	0	0	0



Learning Standards (ELA, MST, etc.)	38	17	165	7	201	23	5	1	2	6
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	0	0	0	0	0	0	0	0
Other	8	0	0	0	0	0	0	0	0	0



## 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.

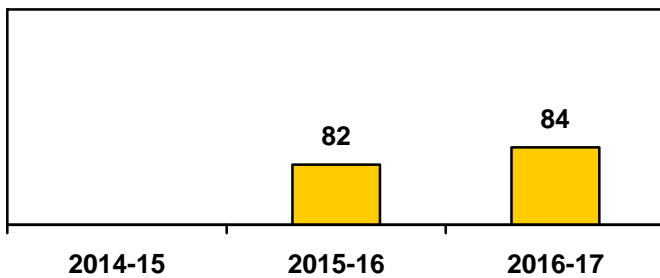
BOCES provides technology services to district and BOCES staff and students.	Districts / Number of District Staff	Number of BOCES Staff	Students	Provided by the BOCES	Provided by the RIC
Distance Learning	20/30	2	647	x	
Instructional Computing	31/4,745	561	39,076	x	
Computer/Audio Visual Repair	27/3,415	561		x	
Library Automation/Software	23/82	2	25,705	x	
LAN Installation/Support	27/3,934	561	31,977	x	
Distributed Process Technicians	0/0	0			
Guidance Information	0/0	0			
Administrative Computer Services	0/0	0			
Administrative Training	0/0	0			
Instructional Media Resources	24/2,832	2	RWADA	x	
Model Schools	41/197	5	0	x	
Other Student Instructional Support	0/0	0	0		



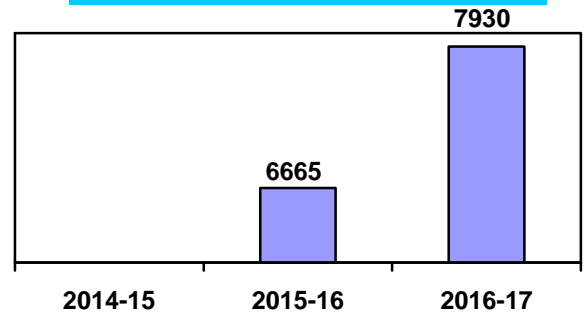
## School Library Systems (SLS)

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*

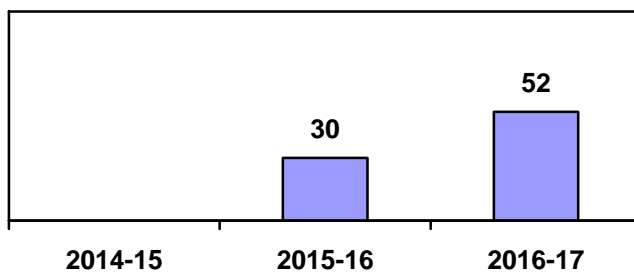
**Number of Library Media Centers**



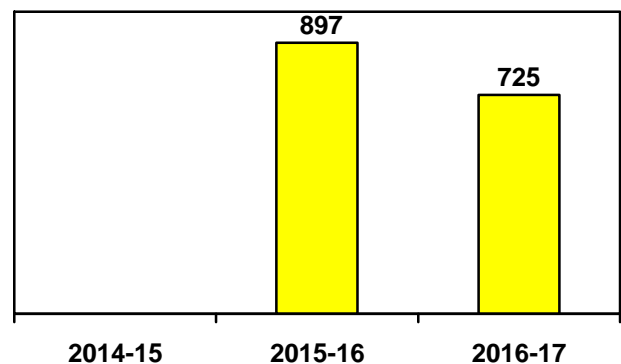
**Consulting and Technical Assistance Services plus Reference by SLS Staff**



**Number of Professional Workshops**



**Number of Participants at Professional Development Workshops**



## 2016-2017 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$	5,776,997
Capital Expenses.....	\$	1,572,963
Total Program Expenses.....	\$	64,084,777
Total Expenses.....	\$	71,434,737

