

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
- 2011-2012 Expenses

2011-2012

Nassau BOCES

**Nassau BOCES
Board of Cooperative Educational Services
2011-2012 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

Nassau BOCES
2890

Component Districts

- Baldwin UFSD
- Bellmore UFSD
- Bellmore-Merrick CSD
- Bethpage UFSD
- Carle Place UFSD
- East Meadow UFSD
- East Rockaway UFSD
- East Williston UFSD
- Elmont UFSD
- Farmingdale UFSD
- Floral Park-Bellerose UFSD
- Franklin Square UFSD
- Freeport UFSD
- Garden City UFSD
- Glen Cove City SD
- Great Neck UFSD
- Hempstead UFSD
- Herricks UFSD
- Hewlett Woodmere UFSD
- Hicksville UFSD
- Island Park UFSD
- Island Trees UFSD
- Jericho UFSD
- Lawrence UFSD
- Levittown UFSD
- Locust Valley CSD
- Long Beach CSD
- Lynbrook UFSD
- Malverne UFSD
- Manhasset UFSD
- Massapequa UFSD
- Merrick UFSD
- Mineola UFSD
- New Hyde Pk-Grdn City Pk UFSD
- North Bellmore UFSD
- North Merrick UFSD
- North Shore CSD
- Oceanside UFSD
- Oyster Bay-East Norwich CSD
- Plainedge UFSD
- Plainview-Old Bethpage CSD
- Port Washington UFSD
- Rockville Centre UFSD
- Roosevelt UFSD
- Roslyn UFSD
- Seaford UFSD
- Sewanhaka Central HS
- Syosset CSD
- Uniondale UFSD
- Valley Stream Central HS
- Valley Stream UFSD #13
- Valley Stream UFSD #24
- Valley Stream UFSD #30
- Wantagh UFSD
- West Hempstead UFSD
- Westbury UFSD

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
2010-11	2010-11	2011-12	2011-12
520	331	466	261
246	154	327	184
217	131	304	157
164	59	182	72

Other Career-Related Programs

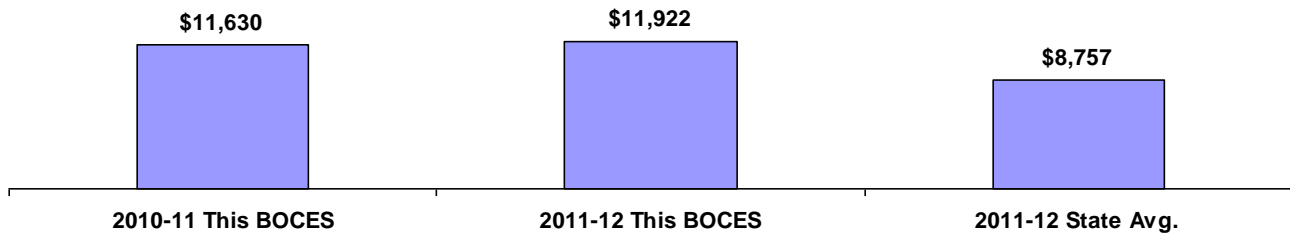
Number of 11th/12th grade students enrolled in one-year programs:

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

0	0	0	0
29	36	37	23
25	92	36	95

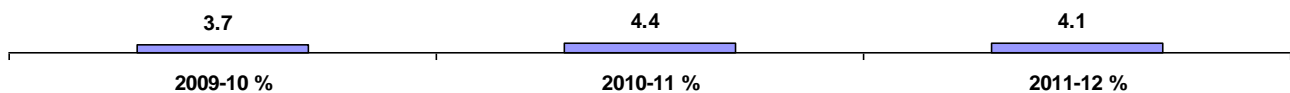
Tuition Per Student for CTE Programs

Data Source: 602 Report



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

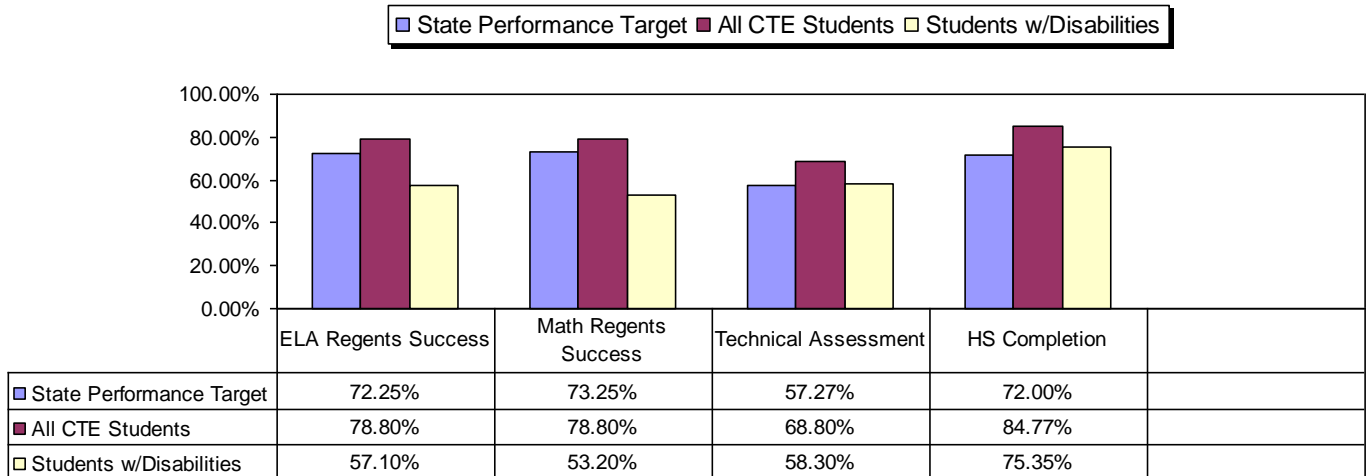
Data Source: SIRS



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

CTE Student Performance on Perkins Indicators Who Left School in 2011

Data Source: SIRS

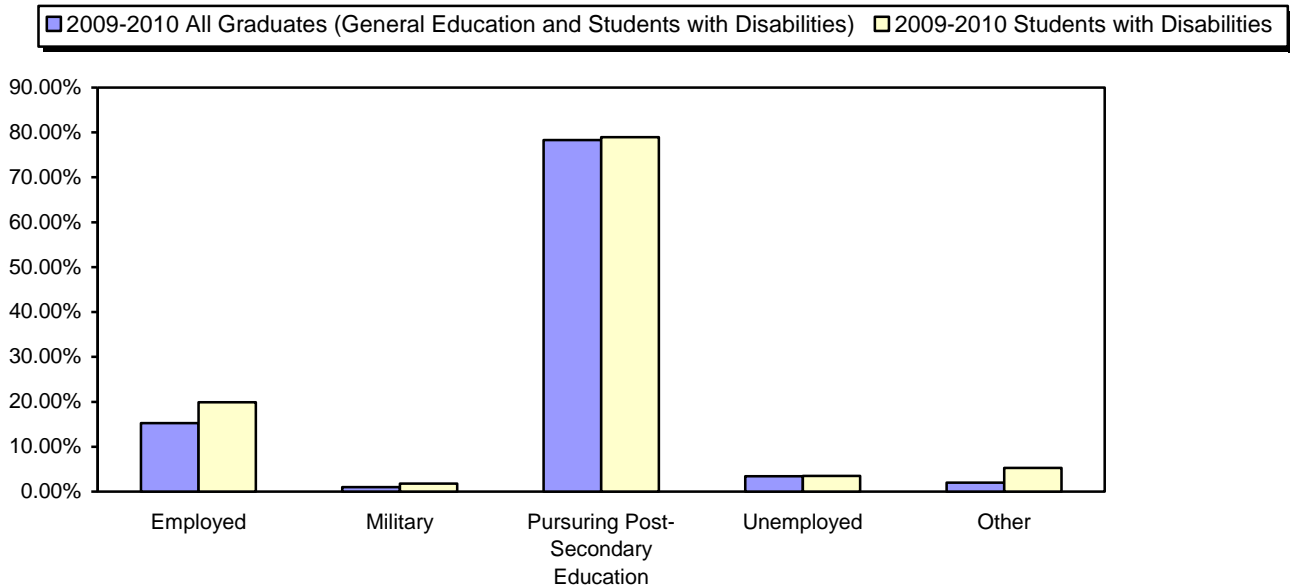


Status of Career and Technical Education (CTE) Students 2010 Placement Outcomes

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

Total Placement

This BOCES	State Target
94.58%	87.50 %



**General Education Development Leading to (GED)
For CTE Students Age 16-18
2011-2012**

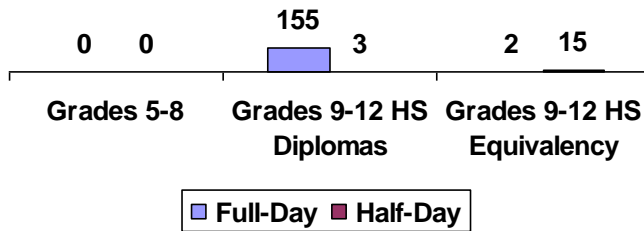
The GED Test Battery is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the GED Tests are offered in English, French and Spanish.

	Grades 9-12 Programs Leading GED	
	Half- day	Full- day
Number of students who:		
Enrolled	2	0
Passing Rate of Students Tested	1	0
Remained / Still Enrolled in the Program	1	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0
Returned to School District:	0	0

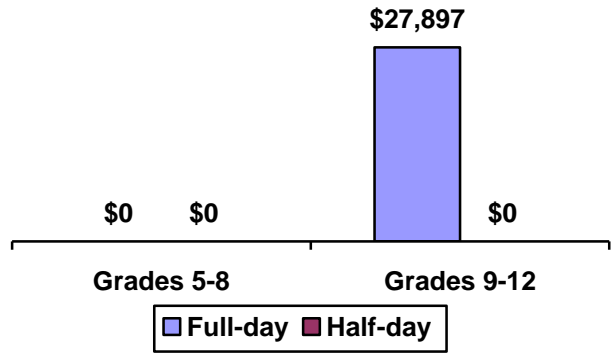
Alternative Education

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, 2012**



2011-2012 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
Number of students who:						
Returned to a school district program	0	0	27	0	0	0
Remained in the BOCES program	0	0	74	3	5	1
Left the program and did not enter another district or BOCES program (dropouts)	0	0	8	0	10	1
Received high school diplomas			46	0		

Alternative Education State Testing Program
2011-2012 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	5	1	10	16	31.25%	6.25%	62.50%
Geometry	0	1	0	1	0.0%	100.0%	0.0%
Algebra 2/ Trigonometry	0	0	1	1	0.0%	0.0%	100.0%
Living Environment	2	4	17	23	8.7%	17.4%	73.9%
Physical Setting/ Earth Science	0	0	0	0	0.0%	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%
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 (FLACS)	0	0	2	2	0.0%	0.0%	100.0%
Comprehensive Exam in English	1	2	24	27	3.7%	7.4%	88.9%
Global History and Geography	9	7	20	36	25.0%	19.4%	55.6%
United States History and Government	1	0	21	22	4.5%	0.0%	95.5%

**Alternative Education Performance of Students
2011-2012 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	1	0	0	1	100.0%	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	1	0	0	1	100.0%	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	1	0	0	1	100.0%	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 2010-11	1108	--	--
Continuing Enrollment after 2010-11	388	35.02%	0.0%
Completed or Left During 2010-11	720	64.98%	0.0%
Left Prior to Completion During 2010-11	94	13.06%	0.0%
Completed by the End of 2010-11	626	86.94%	0.0%
Completed or Left During 2010-11 and Status Known	63	8.75%	0.0%
Completed/Left/Status Known and Successfully Placed*	31	49.21%	0.0%
Completed but Not seeking Employment	22	3.51%	0.0%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2010-11	44	--	--
Under-Represented Gender Members Enrolled During 2010-11	45	--	--
Completed a Non-Traditional Program By the End of 2010-11	44	100.00%	0.0%
Under-Represented Gender Members Who Completed	20	44.44%	0.0%

* 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 2011-2012 was 317.

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					
	2009-10	2010-11	2011-12	2009-10		2010-11		2011-12	
					Percent		Percent		Percent
Adult Beginning/Intermediate	345	320	317	158	46.0%	152	48.0%	144	52.0%
Adult Secondary (Low)	11	20	11	5	45.0%	11	55.0%	6	54.0%
ESOL	1,535	1,358	1,313	925	60.0%	879	65.0%	1,012	62.0%

Other Outcomes (2009-10 through 2011-12)

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					
	2009-10	2010-11	2011-12	2009-10		2010-11		2011-12	
					Percent		Percent		Percent
Entered employment	77	88	46	53	68.0%	73	82.0%	39	84.0%
Retained employment	35	75	39	26	74.0%	65	86.0%	35	89.0%
Obtained secondary or HS equivalency diploma	63	56	31	63	100.0%	54	96.0%	31	100.0%
Entered post-secondary education or training	68	58	37	74	98.0%	48	82.0%	31	83.0%

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 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)

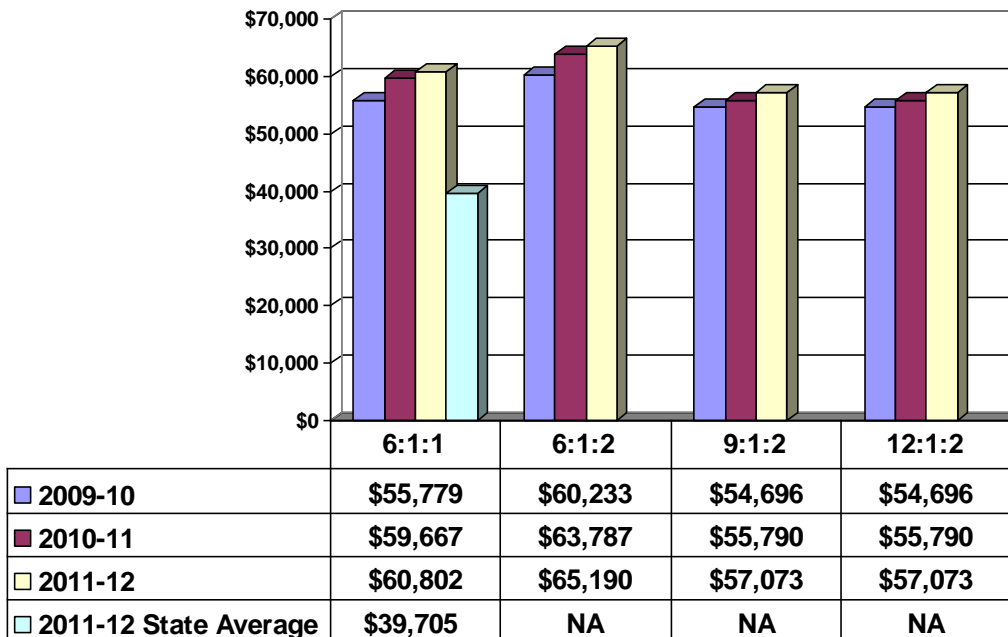
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2009-10	2010-11	2011-12
6:1:1	569	549	526
6:1:2	429	427	458
9:1:2	583	599	541
12:1:2	34	27	32

Tuition Rates Per Student 2009-10 through 2011-12



Special Education State Testing Program 2011-2012 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	22	16	10	3	51	56.9%	25.5%	1
Grade 4 English Language Arts	25	19	14	1	59	57.6%	25.4%	0
Grade 5 English Language Arts	29	14	11	0	54	46.3%	20.4%	1
Grade 6 English Language Arts	25	18	14	0	57	56.1%	24.6%	1
Grade 7 English Language Arts	19	23	8	0	50	62.0%	16.0%	2
Grade 8 English Language Arts	28	31	10	0	69	59.4%	14.5%	2
Grade 3 Mathematics	21	17	11	3	52	59.6%	26.9%	0
Grade 4 Mathematics	23	8	21	6	58	60.3%	46.6%	2
Grade 5 Mathematics	24	19	7	4	54	55.6%	20.4%	3
Grade 6 Mathematics	22	19	10	6	57	61.4%	28.1%	0
Grade 7 Mathematics	29	12	8	3	52	44.2%	21.2%	0
Grade 8 Mathematics	35	24	6	2	67	47.8%	11.9%	2

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.)
2011-2012 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	21	19	27	67	31.3%	28.4%	40.3%
Geometry	5	2	17	24	20.8%	8.3%	70.8%
Algebra 2/ Trigonometry	5	1	8	14	35.7%	7.1%	57.1%
Living Environment	7	7	35	49	14.3%	14.3%	71.4%
Physical Setting/ Earth Science	14	11	18	43	32.6%	25.6%	41.9%
Physical Setting/ Chemistry	0	1	9	10	0.0%	10.0%	90.0%
Physical Setting/ Physics	0	0	5	5	0.0%	0.0%	100.0%
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	23	7	36	66	34.8%	10.6%	54.5%
Global History and Geography	26	19	29	74	35.1%	25.7%	39.2%
United States History and Government	24	8	35	67	35.8%	11.9%	52.2%

**Students with Severe Disabilities Performance on the
New York State Alternate Assessments
2011-2012 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	6	16	12	16	50	88.0%	56.0%	0
Grade 4 English Language Arts	5	18	11	10	44	88.6%	47.7%	0
Grade 5 English Language Arts	0	11	24	12	47	100.0%	76.6%	0
Grade 6 English Language Arts	2	21	16	12	51	96.1%	54.9%	0
Grade 7 English Language Arts	0	16	23	19	58	100.0%	72.4%	0
Grade 8 English Language Arts	1	10	27	22	60	98.3%	81.7%	2
High School English Language Arts	1	18	30	20	69	98.6%	72.5%	0
Grade 3 Mathematics	0	28	14	8	50	100.0%	44.0%	0
Grade 4 Mathematics	0	24	12	8	44	100.0%	85.7%	0
Grade 5 Mathematics	2	13	19	13	47	95.7%	85.7%	0
Grade 6 Mathematics	2	13	23	13	51	96.1%	77.8%	0
Grade 7 Mathematics	14	16	20	8	58	75.9%	84.6%	0
Grade 8 Mathematics	7	11	30	12	60	88.3%	81.3%	2
High School Mathematics	0	4	45	20	69	100.0%	90.6%	0

Data Source: nySTART

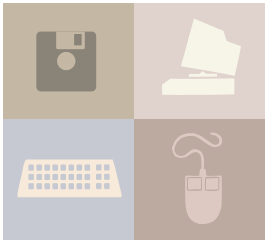
Level 4	These students exceed the standards and are moving toward high performance on the Regents examination.
Level 3	These students meet the standards and, with continued steady growth, should pass the Regents examination.
Level 2	These students need extra help to meet the standards and pass the Regents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



Professional Development 2011-2012 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	70	0	936	0	0	0	0	0	0	0
Data-Driven Instruction	24	0	120	0	0	0	0	0	0	0
Lead Evaluator Training	48	0	0	0	0	0	2,136	0	0	0
Principal Evaluator Training	45	0	0	0	0	0	0	0	371	0
Integrating Technology into Curricula & Instruction	43	49	33,321	185	0	0	0	0	0	140
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	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	67	0	800	0	1	0	224	0	48	0
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	20	31	313	225	364	83	88	54	23	0
(SE-SIS) Special Education School Improvement Specialist	9	10	677	35	87	8	88	262	61	8
RBE-RN	0	0	0	0	0	0	0	0	0	0
Leadership Training	75	0	605	0	0	0	0	0	107	0
ECE Training (Early Childhood)	0	0	0	0	0	0	0	0	0	0
Professional Practice (APPR)	67	0	763	0	0	0	0	0	0	0
Culture/Climate	0	0	0	0	0	0	0	0	0	0
School & District Planning	0	42	40	0	0	0	8	0	0	236
Response to Intervention	0	0	0	0	0	0	0	0	0	0
Data Management and Analysis	0	331	0	0	0	0	0	0	0	1,912
Learning Standards (ELA, MST, etc.)	95	0	549	0	10	0	372	0	131	0
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	0	0	0	0	0	0	0	0
Other	22	67	3	0	2	0	0	0	27	1,271



Technology Services 2011-2012 School Year

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

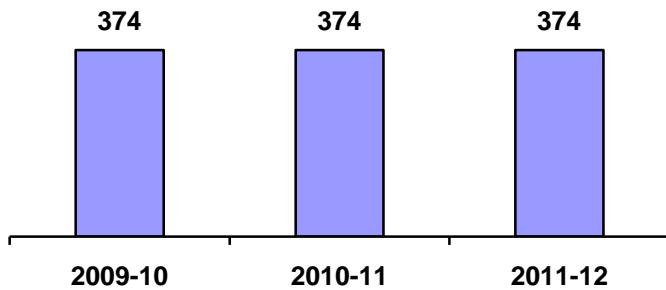
BOCES provides technology services to district and BOCES staff and students.	Districts / Number of District Staff	Number of BOCES Staff	Students	Provided by the BOCES	Provided by the RIC
Distance Learning	44/1,103	0	23,675	X	
Instructional Computing	37/17,548	81	134,244		X
Computer/Audio Visual Repair	39/21,718	0			X
Library Automation/Software	0/0	0	0		
LAN Installation/Support	38/18,372	0	143,074		X
Distributed Process Technicians	35/16,882	0	129,970		X
Guidance Information	44/300	0	0	X	
Administrative Computer Services	51/24,941	0			X
Administrative Training	48/300	0		X	
Instructional Media Resources	40/1,000	0	0		X
Model Schools	37/192,000	0	0		X
Other Student Instructional Support	0/0	0	0		



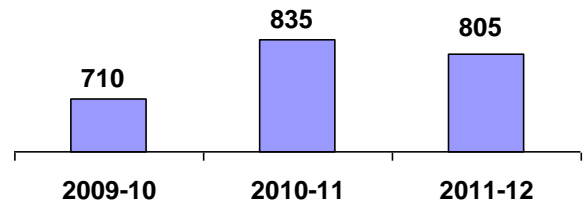
School Library Systems (SLS)

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*

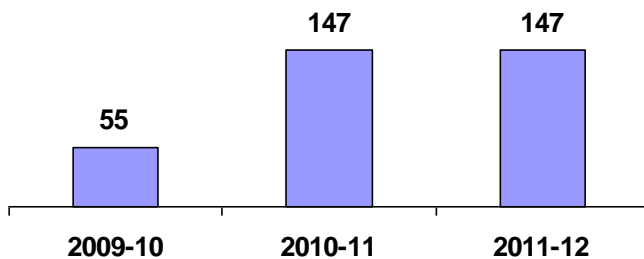
Number of Library Media Centers



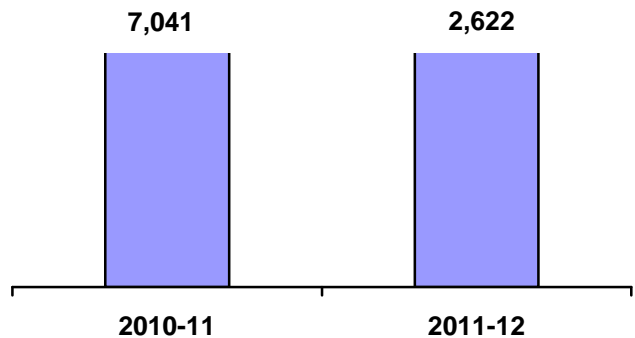
Consulting and Technical Assistance Services plus Reference by SLS Staff



Number of Professional Workshops



Number of Participants at Professional Development Workshops



2011-2012 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$ 18,947,178.00
Capital Expenses.....	\$ 9,412,455.84
Total Program Expenses.....	\$ 265,884,693.71
Total Expenses.....	\$ 294,244,327.55

