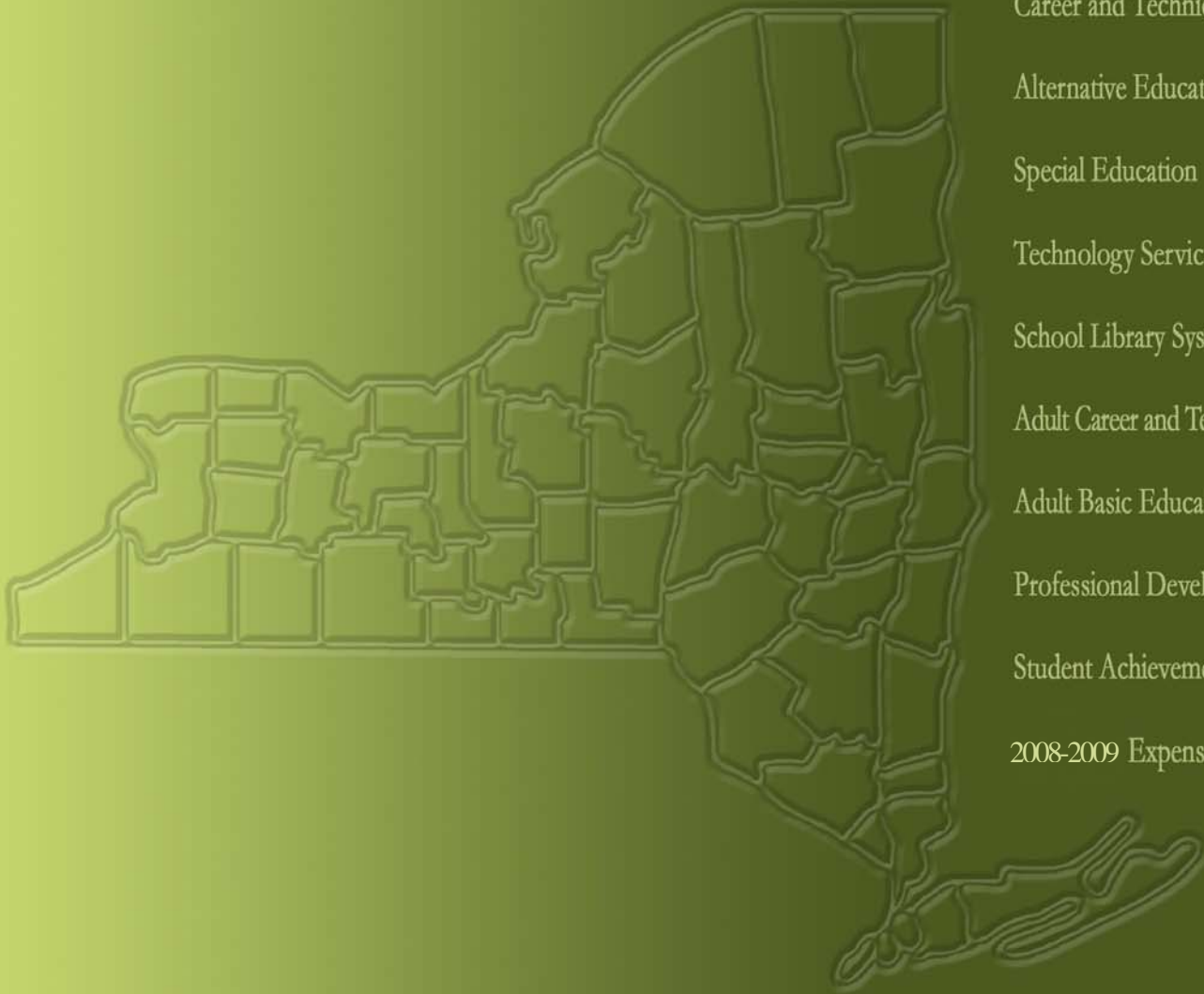


BOARD OF COOPERATIVE EDUCATIONAL SERVICES

# REPORT CARD



- Career and Technical Education
- Alternative Education
- Special Education
- Technology Services
- School Library System Services
- Adult Career and Technical Education
- Adult Basic Education
- Professional Development
- Student Achievement
- 2008-2009 Expenses

2008-2009

Nassau BOCES

**Nassau BOCES**  
**Board of Cooperative Educational Services**  
**2008-2009 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>1-2</b>
<b>Alternative Education.....</b>	<b>3</b>
<b>Adult Career &amp; Technical Education.....</b>	<b>4</b>
<b>Adult Basic Education.....</b>	<b>4</b>
<b>Special Education</b>	
<b>Special Education Enrollment and Tuition in BOCES Programs.....</b>	<b>5</b>
<b>State Testing Program.....</b>	<b>6-7</b>
<b>Professional Development.....</b>	<b>8</b>
<b>Technology Services.....</b>	<b>9</b>
<b>School Library System Services.....</b>	<b>10</b>
 <b>2008-2009 Expenses.....</b>	 <b>11</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
- Regents Examinations

**Nassau BOCES**  
**2890**  
**Component Districts**

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

	General Education Students	Students with Disabilities	General Education Students	Students with Disabilities
	2007-08	2007-08	2008-09	2008-09
First-year students	306	212	378	198
Second-year students	303	267	345	263
Second-year students completing	299	254	342	254

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

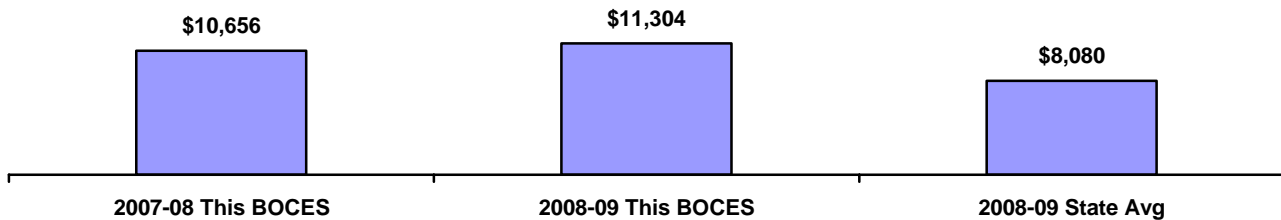
“New Vision”

Other one-year programs

“New Vision”	0	0	0	0
Other one-year programs	45	67	44	57

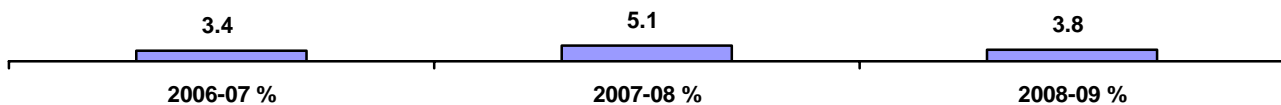
### Tuition Per Student for CTE Programs

Data Source: 602 Report



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

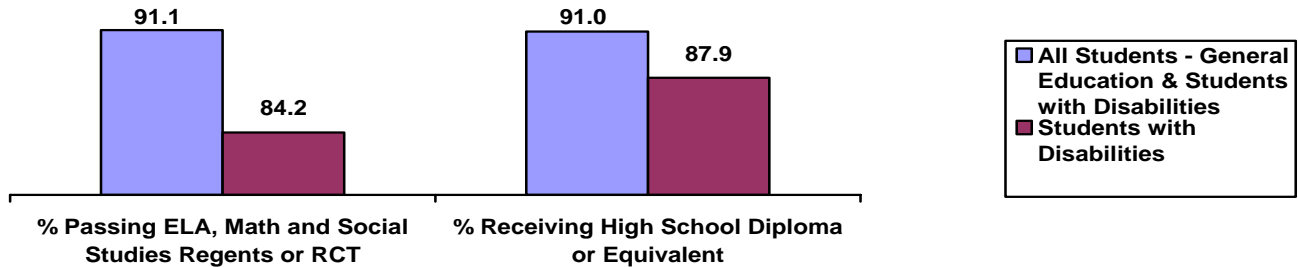
Data Source: Basic Education Data System



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

## Performance of Career & Technical Education (CTE) Students Who Graduated in 2008

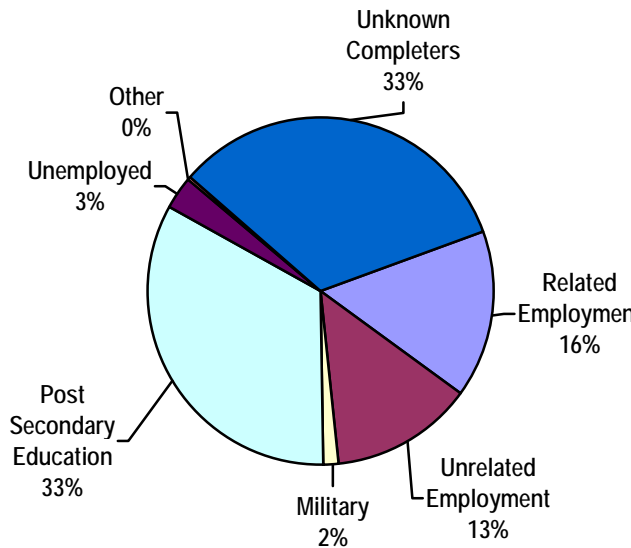
BOCES collects student performance data from component districts for students who participate in CTE BOCES programs. The data in the chart are based upon total program completers (general education and students with disabilities.) *Data Source: CTEDS-2*



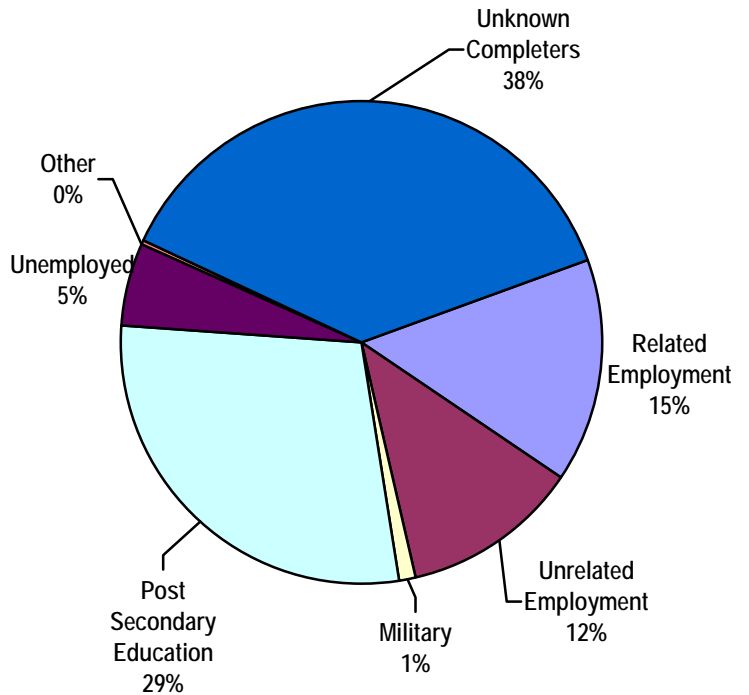
## Status of Career and Technical Education (CTE) Students Who Graduated in 2008

BOCES Surveys CTE graduates within one year after program completion to determine if they are employed or continuing their education. *Data Source: CTEDS-2 Report*

**All Graduates (General Education and Students with Disabilities)**



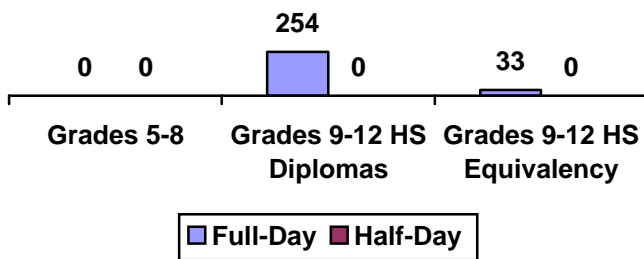
**Students with Disabilities**



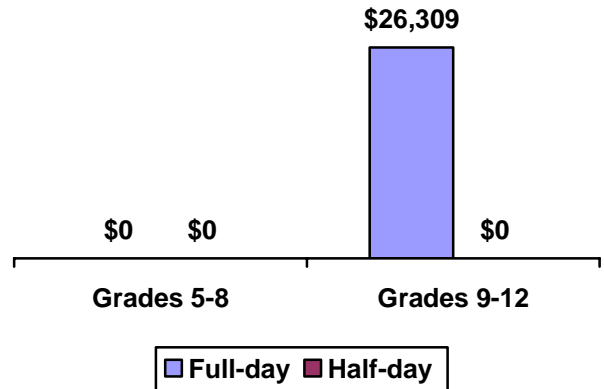
## Alternative Education

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, 2009**



**2008-2009 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.

**Number of students who:**

**returned to a school district program**

**remained in the BOCES program**

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

**are waiting for GED exam results**

**received high school diplomas**

**received high school equivalency diplomas**

	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	Full-day	Half-day
returned to a school district program	0	0	62	0	8	0
remained in the BOCES program	0	0	121	0	7	0
left the program and did not enter another district or BOCES program (dropouts)	0	0	5	0	0	0
are waiting for GED exam results					3	0
received high school diplomas			56	0		
received high school equivalency diplomas					33	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: Adult Allies*

2007-08 Adult CTE Program Results	This BOCES		Statewide Average
	Count	Percentage	Percentage
<b>All CTE Programs</b>			
<b>Number Enrolled 2007-08</b>	765		
<b>Continuing Enrollment after 2007-08</b>	59	7.7%	11.9%
<b>Completed or Left during 2007-08</b>	711	92.9%	87.9%
<b>Left Prior to Completion during 2007-08</b>	92	12.9%	19.3%
<b>Completed by the end of 2007-08</b>	619	87.1%	80.7%
<b>Completed or Left during 2007-08 and Status Known</b>	601	84.5%	67.8%
<b>Completed/Left/Status Known - Successfully Placed*</b>	537	89.4%	84.2%
<b>Non-Traditional Programs</b>			
<b>Enrolled in Non-Traditional Programs during 2007-08</b>	519		
<b>Under-Represented Gender Members Enrolled 2007-08</b>	30		
<b>Completed Non Traditional Program by end of 2007-08</b>	380	73.2%	72.2%
<b>Under-Represented Gender Members Who Completed</b>	28	93.3%	67.6%

\* 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 2008-2009 was 1850.

### 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					
	2006-07	2007-08	2008-09	2006-07		2007-08		2008-09	
					Percent		Percent		Percent
<b>Adult Beginning/Intermediate</b>	396	413	400	111	28.0%	84	23.0%	108	27.0%
<b>Adult Secondary (Low)</b>	25	22	19	9	36.0%	4	18.0%	4	21.0%
<b>ESOL</b>	1365	1345	1431	526	38.5%	468	38.0%	613	43.0%

### Other Outcomes (2006-07 through 2008-09)

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					
	2006-07	2007-08	2008-09	2006-07		2007-08		2008-09	
					Percent		Percent		Percent
<b>Entered employment</b>	19	8	72	17	89.5%	5	62.5%	42	58.0%
<b>Retained employment</b>	22	0	49	22	100.0%	0	0.0%	33	67.0%
<b>Obtained a secondary or high school equivalency diploma</b>	8	21	25	8	100.0%	18	85.0%	25	100.0%
<b>Entered post-secondary education or training</b>	8	14	74	6	75.0%	5	35.0%	65	87.0%

# 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)

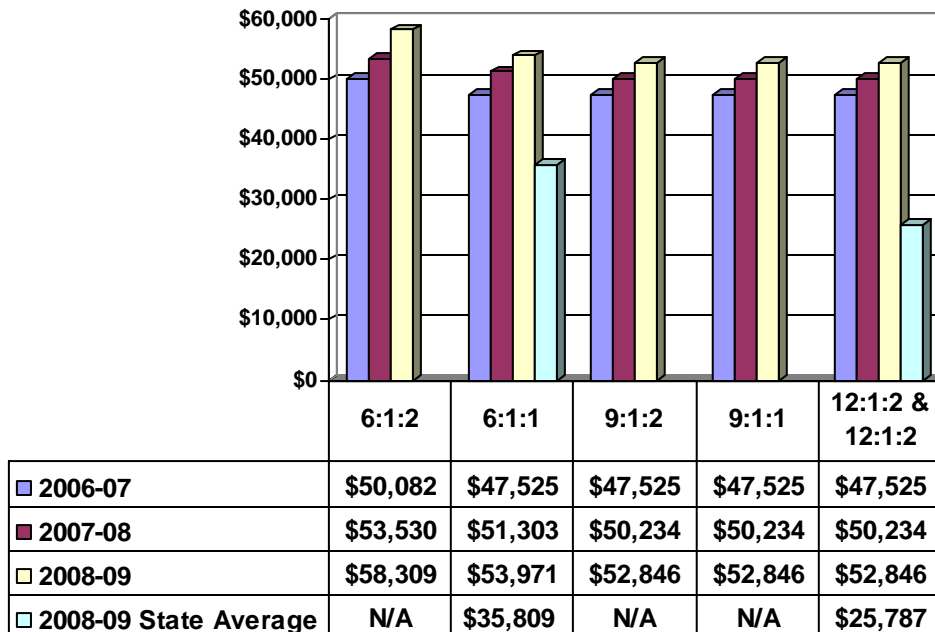
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2006-07	2007-08	2008-09
6:1:2	345	396	419
6:1:1	433	455	519
9:1:2	746	662	597
9:1:1	66	71	61
12:1:1&12:1:2	78	33	41

### Tuition Rates Per Student 2006-07 through 2008-09





## State Testing Program 2008-2009 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	19	20	18	5	62	69.4%	37.1%	2
Grade 4 English Language Arts	18	16	24	1	59	69.5%	42.4%	1
Grade 5 English Language Arts	3	37	19	6	65	95.4%	38.5%	2
Grade 6 English Language Arts	1	37	17	1	56	98.2%	32.1%	1
Grade 7 English Language Arts	4	24	27	1	56	92.9%	50.0%	1
Grade 8 English Language Arts	12	29	15	1	57	78.9%	28.1%	4
Grade 3 Mathematics	9	15	32	7	63	85.7%	61.9%	0
Grade 4 Mathematics	12	16	23	8	59	79.7%	52.5%	0
Grade 5 Mathematics	9	22	29	8	68	86.8%	54.4%	1
Grade 6 Mathematics	26	14	12	5	57	54.4%	29.8%	0
Grade 7 Mathematics	5	20	21	9	55	90.9%	54.5%	2
Grade 8 Mathematics	26	18	14	0	58	55.2%	24.1%	0

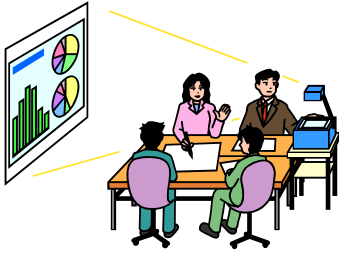
Level 4	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
Level 3	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
Level 2	These students <b>need extra help</b> to meet the standards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

**Performance of Students with Severe Disabilities on the  
New York State Alternate Assessment (NYSAA)  
2008-2009 School Year**

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	8	14	10	6	38	78.9%	42.1%	0
Grade 4 English Language Arts	17	7	17	6	47	63.8%	48.9%	0
Grade 5 English Language Arts	1	24	26	1	52	98.1%	51.9%	0
Grade 6 English Language Arts	1	10	15	12	38	97.4%	71.1%	0
Grade 7 English Language Arts	0	17	21	19	57	100.0%	70.2%	0
Grade 8 English Language Arts	1	11	20	17	49	98.0%	75.5%	0
High School English Language Arts	2	16	26	32	76	97.4%	76.3%	0
Grade 3 Mathematics	0	14	19	5	38	100.0%	63.2%	0
Grade 4 Mathematics	0	24	15	8	47	100.0%	85.7%	0
Grade 5 Mathematics	0	6	37	9	52	100.0%	85.7%	0
Grade 6 Mathematics	1	4	26	7	38	97.4%	77.8%	0
Grade 7 Mathematics	8	10	24	15	57	86.0%	84.6%	0
Grade 8 Mathematics	12	13	13	11	49	75.5%	81.3%	0
High School Mathematics	0	15	40	21	76	100.0%	90.6%	0

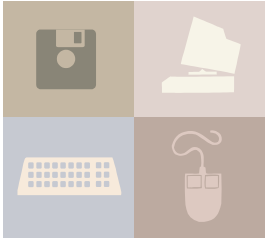
Level 4	These students <b>exceed the standards</b> and are moving toward high performance on the Regents examination.
Level 3	These students <b>meet the standards</b> and, with continued steady growth, should pass the Regents examination.
Level 2	These students <b>need extra help</b> to meet the standards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



## Professional Development

2008-2009 School Year

BOCES provided training for a minimum of one or more full instructional days in the following areas:	Number of Participants:				
	Districts	Teachers	Principals	Paraprofessionals	Other
Site Based Educational Planning	0	0	0	0	0
District Based Educational Planning	1	0	0	0	0
High School Graduation Requirements	0	0	0	0	0
Learning Standards (ELA, MST, etc.)	66	1,236	99	4	103
Data Management and Analysis	10	520	10	0	10
Integrating Technology into Curricula & Instruction	38	34,579	0	0	0
Interdisciplinary Teaching (including integration of career technology & academics)	0	0	0	0	0
Middle Level Education Academic and Youth Development	0	0	0	0	0
Career and Technical Education	0	0	0	0	0
Instructional Strategies	132	1,459	65	23	266
Parent Training	0	0	0	0	0
Special Education Issues	0	395	0	0	0
Leadership Training	111	195	198	5	447
Special Education Training Resource Center (SETRC)	0	0	0	0	0
Other	107	1,025	171	394	0



## Technology Services 2008-2009 School Year

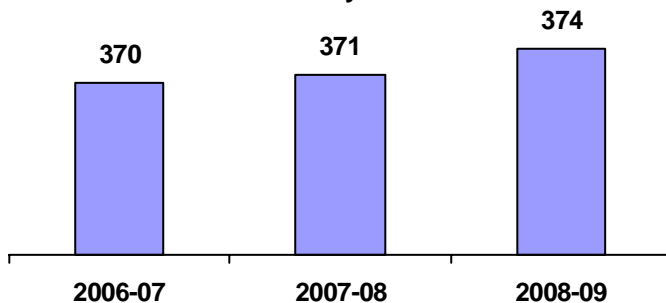
<b>BOCES provides technology services to district and BOCES staff and students.</b>	<b>Districts</b>	<b>Professionals Teachers Administrators</b>	<b>Students</b>
<b>Distance Learning</b>	37	997	16,978
<b>Instructional Computing</b>	84	15,289	142,096
<b>Computer/Audio Visual Repair</b>	46	22,186	
<b>Library Automation/Software</b>	39	12,632	140,959
<b>LAN Installation/Support</b>	48	18,767	174,703
<b>Distributed Process Technicians</b>	36	14,097	133,514
<b>Guidance Information</b>	34	40	0
<b>Administrative Computer Services</b>	43	16,817	
<b>Administrative Training</b>	148	600	



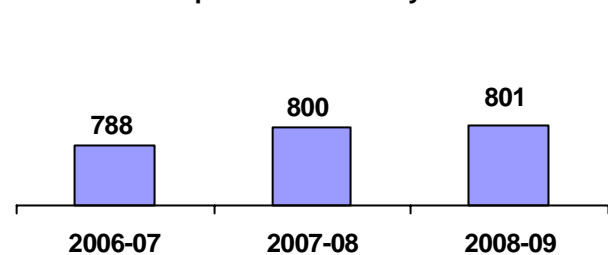
## School Library Systems (SLS)

School Library Systems are state-aided programs set forth in Education Law and Regulations of the Commissioner of Education. Each BOCES and the Big 5 Cities (NYC, Yonkers, Buffalo, Rochester and Syracuse) sponsor the program, which provides vital library and information resources to public and nonpublic schools. Each system operates under an approved 5-year 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 training; facilitate resource-sharing among its member school libraries; interlibrary loan activity for 2008-2009 amounted to ½ million items statewide; facilitate access to electronic databases through NOVELNY (New York On-line Virtual Electronic Library) for over 3,900 schools statewide; promote advances in technology for information storage and retrieval and access to school library collections; focus on cooperative collection development of participating school libraries; address the information needs of special client groups; and participate in regional library initiatives with the public, academic, special and other school libraries. Students, teachers and administrators in each SLS service area benefit from the programs and services of the School Library System. *Data Source: SLS Annual Report*

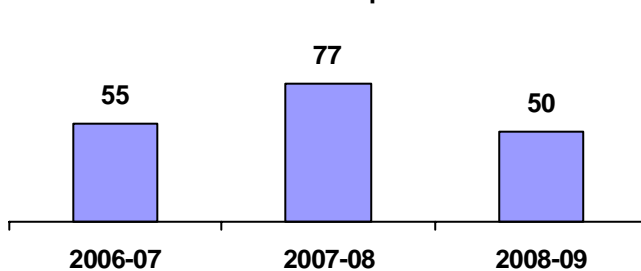
**Number of Library Media Centers**



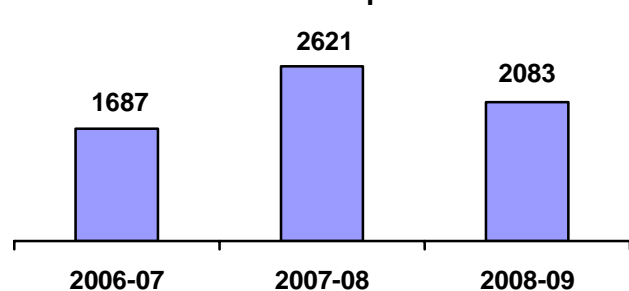
**Consulting and Technical Assistance Services plus Reference by SLS Staff**



**Number of Professional Development Workshops**



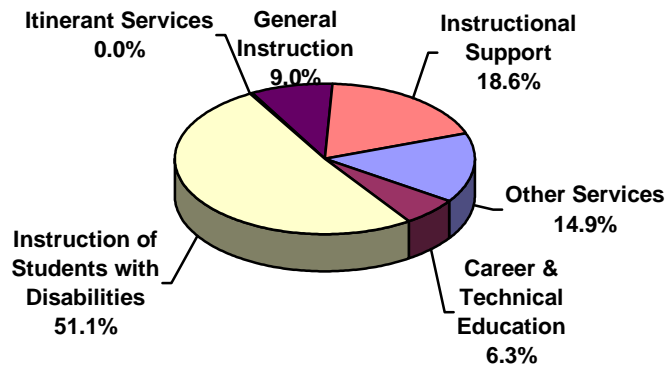
**Number of Participants at Professional Development Workshops**



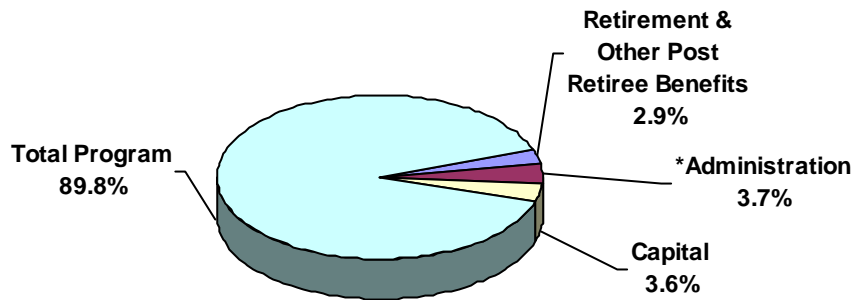
## 2008-2009 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses (Excluding Supplemental Retirement & Other Post Retirement Benefits) .....	\$	9,977,626.67
Supplemental Retirement & Other Post Retirement Benefits.....	\$	7,709,465.33
Capital Expenses.....	\$	9,492,125.23
<b>Total Program Expenses.....</b>	<b>\$</b>	<b>239,359,631.75</b>



Total Expenses.....	\$	266,538,848.98
---------------------	----	----------------



\*Excludes Supplemental & Other Post Retirement Benefits