

*Career & Technical Education*

*Adult Career & Technical Education*

*Alternative Education*

*Adult Basic Education*

*Special Education*

*Professional Development*

*Technology Services*

*Student Achievement*

*Graduation Results*

*2002-2003 Expenses*

*School Library System Services*

# Board of Cooperative Educational Services



## 2003-2004 Report Card

NASSAU BOCES



# Board of Cooperative Educational Services 2003-2004 Report Card

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Prior editions of the BOCES Report Card included other data representing BOCES special education programs and services. The following data were not available for this report:

- Services Provided by BOCES.
- Percent of Students with Disabilities Provided Special Education Services in Integrated Settings.
- Students with Disabilities Exiting BOCES Special Education Programs.
- Postsecondary Education and Employment Plans of Student with Disabilities.



# 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 PK-BELLROSE UFSD
- FRANKLIN SQ 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 CITY SD
- LYNBROOK UFSD
- MALVERNE UFSD
- MANHASSET UFSD
- MASSAPEQUA USFD
- 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 DISTRICT
- SYOSSET CSD
- UNIONDALE UFSD
- VALLEY STR CENTRAL HS DISTRICT
- VALLEY STR HEMP 13 UFSD
- VALLEY STR HEMP 30 UFSD
- VALLEY STR HEMP 24 UFSD
- WANTAGH UFSD
- WEST HEMPSTEAD UFSD
- WESTBURY UFSD

## Career & Technical Education (CTE)

BOCES CTE classes, offered primarily on a half-day basis, prepare high school students from component districts for skilled workforce careers. Most CTE programs require two years to complete. *Data source: BOCES Survey.*

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
	2002-03	2002-03	2003-04	2003-04
First-year students	344	258	394	262
Second-year students	262	198	209	140
Second-year students completing	251	183	281	188

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

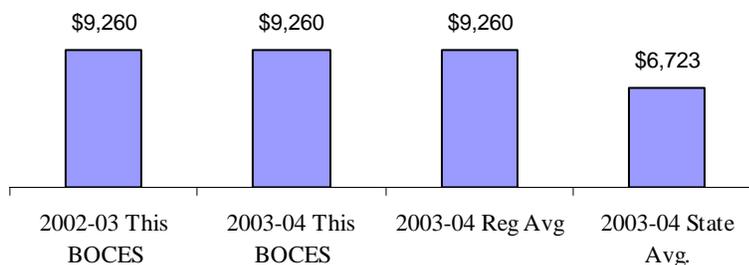
“New Vision” .....

Other one-year programs .....

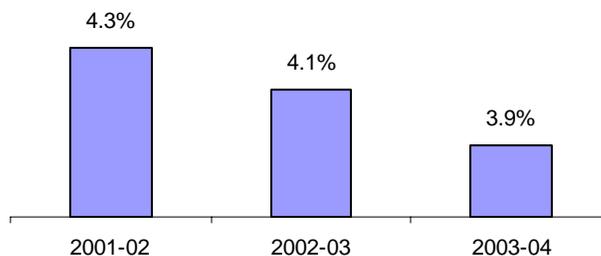
“New Vision”	0	0	0	0
Other one-year programs	45	45	65	65

### Tuition Per Student for CTE Programs

Data Source: 602 Report



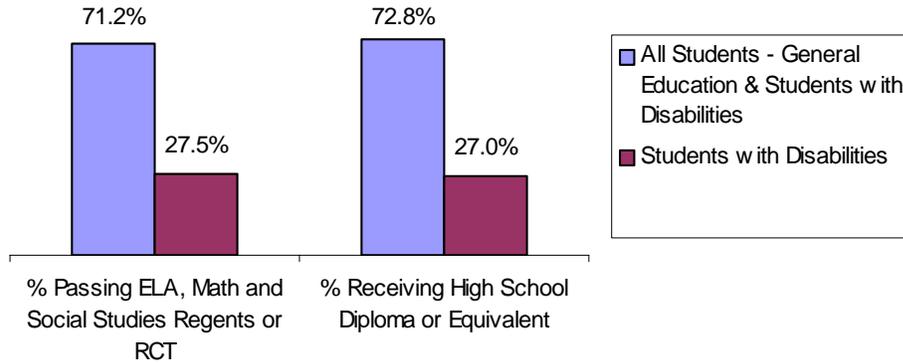
### \*Number Enrolled in CTE Programs as a Percent of all Juniors and Seniors in Component District High Schools



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

## Performance of Career & Technical Education (CTE) Students Who Graduated in 2003

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*

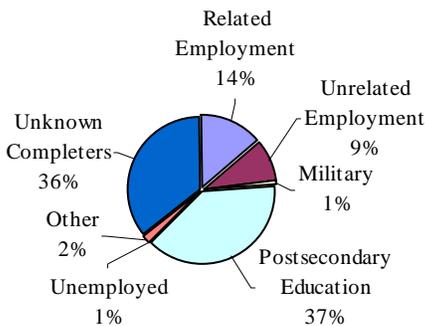


The data reported includes high school juniors who are program completers but will not graduate until 2003.

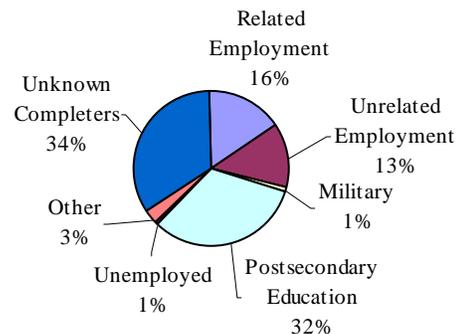
## Status of Career and Technical Education (CTE) Students Who Graduated in 2003

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)**

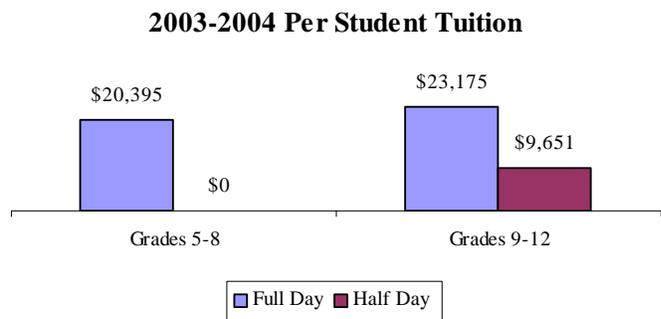
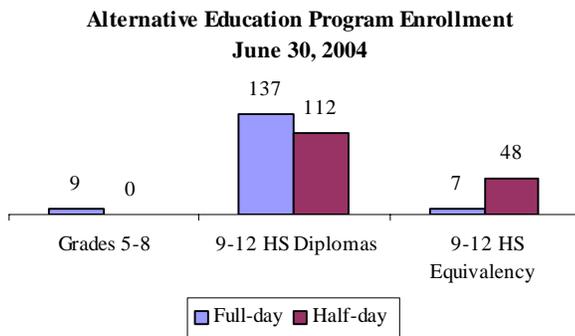


**Students with Disabilities**



## 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. Data source: 2004 BOCES Survey



## 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. Data source: 2004 BOCES Survey

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.....	4	0	38	112	2	11
remained in the BOCES program.....	5	0	49	0	4	3
left the program and did not enter another district or BOCES program (dropouts).....	0	0	2	0	0	1
are waiting for GED exam results.....					0	1
received high school diplomas.....			48	0		
received high school equivalency diplomas .....					1	29

## Adult Career and Technical Education (CTE) -

Adult CTE programs enhance academic and workplace skills and enable participants to gain employment or career advancement.

2002-2003 Adult CTE Program Results	This BOCES		Statewide Average
	Count	Percentage	
All CTE Programs			
Number Enrolled	1,081		
Number who Left Prior to Completion	105	9.7%	17.3%
Number who Completed	976	90.3%	72.7%
Completed and Status Known	0	0.0%	49.9%
Completed and were Successfully Placed*	0	--	86.9%
Non-Traditional Programs			
Under-Represented Gender Members Enrolled	35	4.0%	13.1%
Under-Represented Gender Members Who Completed	28	3.6%	11.9%

\*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 2003-2004 was 3,179.

### 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					
	2001-02	2002-03	2003-04	2001-02		2002-03		2003-2004	
Adult Beginning/Intermediate	651	554	306	86	13%	130	23%	128	42%
Adult Secondary (Low)	54	45	30	6	11%	4	9%	12	40%
ESOL	3,528	2,940	2,825	877	25%	1,041	35%	1,179	42%

### Other Outcomes (2001-02 through 2003-04)

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					
	2001-02	2002-03	2003-04	2001-02		2002-03		2003-04	
Entered employment	145	0	0	0	0%	0	N/A	0	N/A
Retained employment	0	0	0	0	0%	0	NA	0	N/A
Obtained a secondary or high school equivalency diploma	14	9	18	0	0%	4	44%	8	44%
Entered post-secondary education or training	0	0	0	0	0%	0	N/A	0	N/A

## 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)

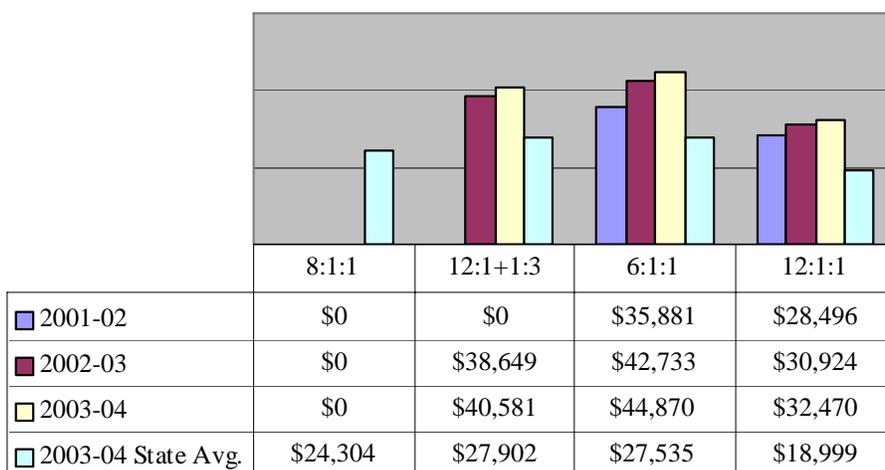
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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 for enrollment and tuition: 602 Report.

### Enrollment Trends

	2001-02	2002-03	2003-04
8:1:1	NA	NA	0
12:1+1:3	1,279	1,240	1,265
6:1:1	307	301	301
12:1:1	89	78	125

### Tuition Rates Per Student 2001-02 Through 2003-04



*Tuition rates are unavailable for 2001-02 for the 12:1+1:3 student/staff ratio.*

Note: The actual class size ratios for this BOCES differ from the model presented. The 6:1:1 and 9:1:2 classes are combined in a single tuition rate, i.e., Tier 11 tuition. These classes fit into the 12:1+1:3 model. The 6:1:2 classes, identified in the 6:1:1 model operated at the highest tuition rate.

# State Testing Program

These data are results of State assessments for students enrolled in BOCES programs.

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	
Elementary-level English Language Arts February 2004	26	16	4	1	49	43%	10%	2
Elementary-level Mathematics May 2004	13	25	11	2	53	72%	25%	2
Middle-level English Language Arts January 2004	21	32	8	0	70	57%	11%	9
Middle-level Mathematics May 2004	33	16	13	0	71	41%	18%	9

## Performance of Students with Severe Disabilities on the New York State Alternate Assessment (NYSAA)

	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	
Elementary-level English Language Arts	1	11	13	26	55	91%	71%	4
Elementary-level Mathematics	2	13	3	33	55	89%	65%	4
Middle-level English Language Arts	0	5	8	27	40	100%	88%	0
Middle-level Mathematics	1	7	7	24	40	95%	78%	1

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.

**Note: To protect student confidentiality, the pound character (#) appears when fewer than five students in a group are tested.**



## Professional Development 2003-2004 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	1	8	1	0	1
District Based Educational Planning	1	24	1	0	2
High School Graduation Requirements	22	119	0	0	5
Learning Standards (ELA, MST etc.)	204	2,718	179	69	96
Data Management and Analysis	40	2,991	102	0	13
Integrating Technology into Curricula & Instruction	41	43,710	129	0	0
Interdisciplinary Teaching (including integration of career technology & academics)	27	16	31	0	4
Middle Level Education Academic and Youth Development	0	0	0	0	0
Career and Technical Education	0	0	0	0	0
Instructional Strategies	198	6,363	104	116	133
Parent Training	6	216	0	0	0
Special Education Issues	29	614	12	153	72
Leadership Training	49	59	81	0	36
Special Education Training Resource Center (SETRC)	52	2,082	83	408	694
Other	1,134	433	66	86	411



## Technology Services 2003-2004 School Year

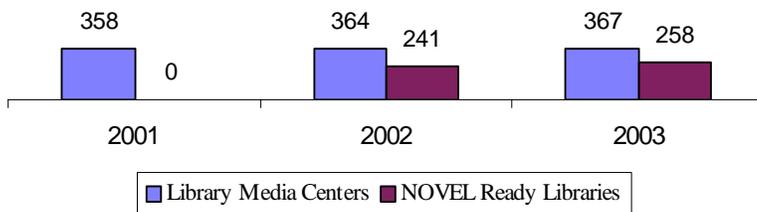
<b>BOCES provides technology services to district and BOCES staff and students.</b>	<b>Districts</b>	<b>Professionals Teachers Administrators</b>	<b>Students</b>
<b>Distance Learning</b>	58	968	6,125
<b>Instructional Computing</b>	42	15,000	125,970
<b>Computer/Audio Visual Repair</b>	43	0	
<b>Library Automation/Software</b>	50	20,230	209,055
<b>LAN Installation/Support</b>	49	12,343	173,883
<b>Distributed Process Technicians</b>	18	4,557	50,567
<b>Guidance Information</b>	47	376	940
<b>Administrative Computer Services</b>	56	7,149	
<b>Administrative Training</b>	56	2,090	



## School Library System Services

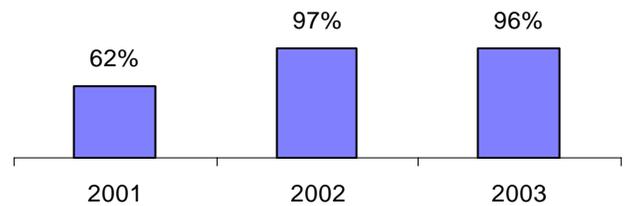
School Library System Services, a state-aided program sponsored by each BOCES, provide vital library and information resources to public and nonpublic schools throughout the State. Each system operates under an approved plan of service and provides leadership and training through professional development activities; facilitates resource-sharing among its member school libraries; promotes advances in technology for information storage and retrieval; focuses on cooperative collection development of school library materials; addresses the information needs of special client groups and participates in regional library issues with public, academic and special libraries. Students, teachers and administrators in each BOCES service area benefit from the activities of the program. The charts below depict selected school library system services.

**Number of School Library Media Centers and NOVEL Ready Libraries**

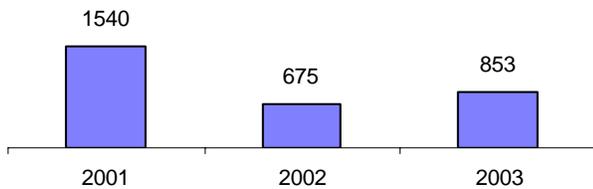


NOVEL (New York Online Virtual Electronic Library) Ready Libraries provide access via the Internet to their own information resources and to information resources outside the library, in addition to providing technology training.

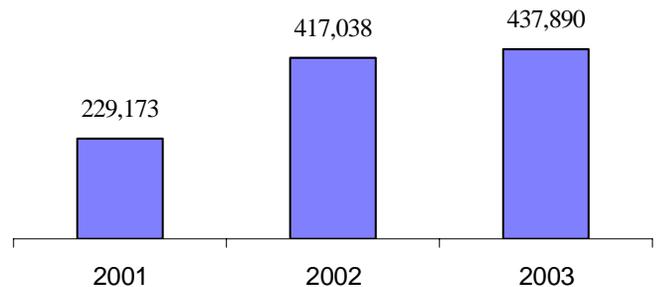
**Percent of Participating Libraries with Internet Access**



**Number of Participants at Professional Development Workshops**



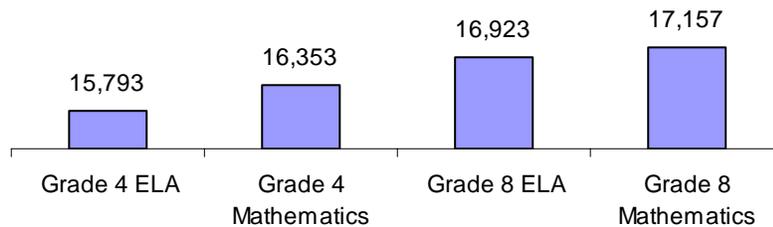
**Number of Electronic Database Searches by Participating Libraries**



## State Testing Program for All Component Districts

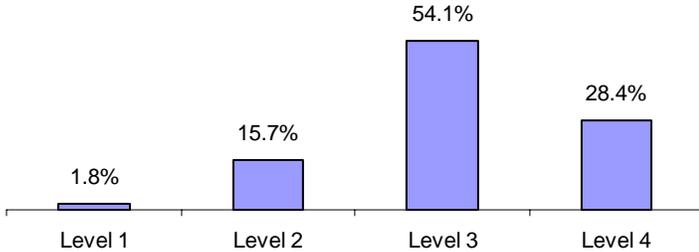
The State testing program provides data to the State Education Department and local school districts for use in planning, managing, and evaluating educational programs. The 4<sup>th</sup> and 8<sup>th</sup> grade English language arts (ELA) and mathematics tests measure student performance on the State standards for the elementary and middle grades, while the Regents examinations are key indicators of student progress in the secondary grades. These data are calculated by aggregating district-level results for general education students and pupils with disabilities for all component districts.

**Counts of Students Tested**  
(General Education and Students with Disabilities)

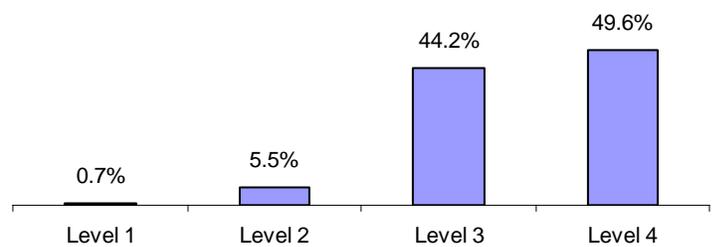


**Percent of Student Scoring at Each Performance Level**

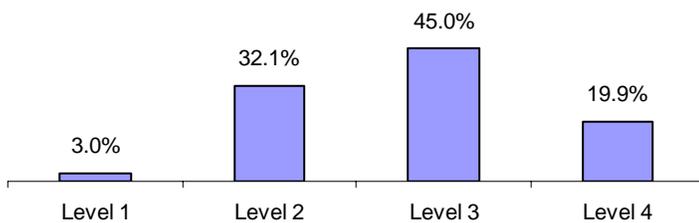
**Grade 4 English Language Arts**  
February 2004



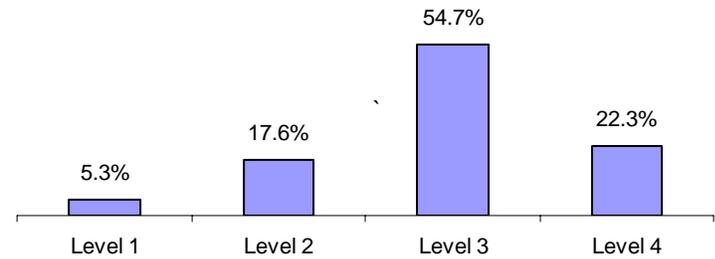
**Grade 4 Mathematics**  
May 2004



**Grade 8 English Language Arts**  
January 2004



**Grade 8 Mathematics**  
May 2004



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.

Further descriptions for each level by exam are available on the School Report Cards at the New York State Education Department Web site at [www.emsc.nysed.gov/irts/](http://www.emsc.nysed.gov/irts/).

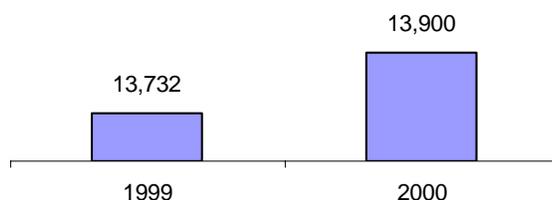
## Regents Examinations

In 1996, the Regents acted to raise learning standards by requiring future students to demonstrate competence for graduation using Regents examinations, rather than the lower-level Regents competency tests (RCTs). All general-education students who entered ninth grade in the fall of 1996 were required to score 65 or higher (55 if approved by the local school board) on the Regents examination in comprehensive English to earn a local diploma. General-education students who entered ninth grade in the fall of 1997 are required to score 65 or higher (55 if approved by the local school board) on the Regents examination in comprehensive English and on a Regents examination in mathematics. The number of Regents examinations required for graduation has increased with each succeeding freshman class. Added requirements for the freshman class of 1998 were the Regents examinations in global history and geography and U.S. history & government. The freshman class of 1999 has to also pass a Regents examination in science.

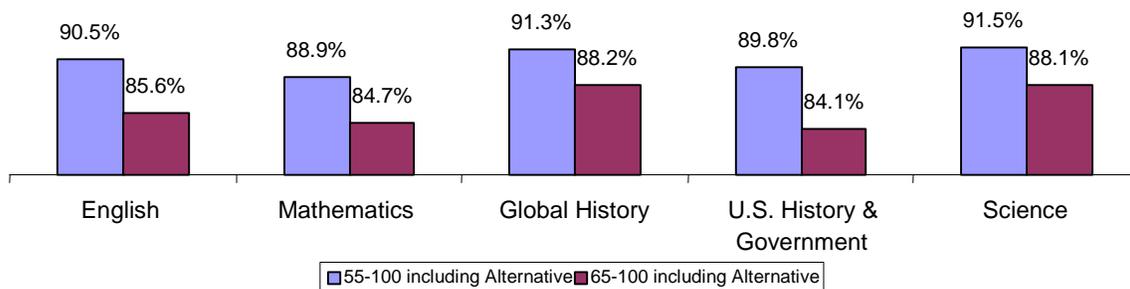
Data were collected to assess the progress that students are making toward meeting new graduation requirements for their cohort. The following charts show the percentage of cohort members in component districts who scored 55-100 and 65-100 on each Regents examination after four years. The data include results for students with disabilities.

### Cohort Enrollment

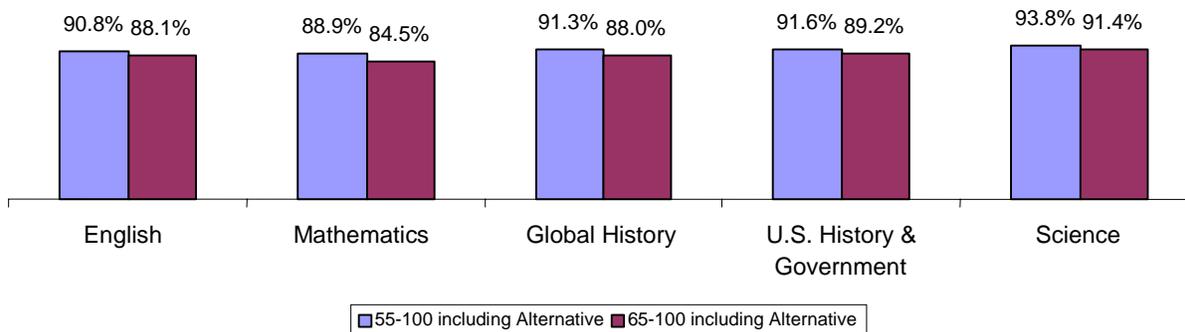
All Students, General Education and Special Education



### Performance of the 1999 Cohort as of June 2003

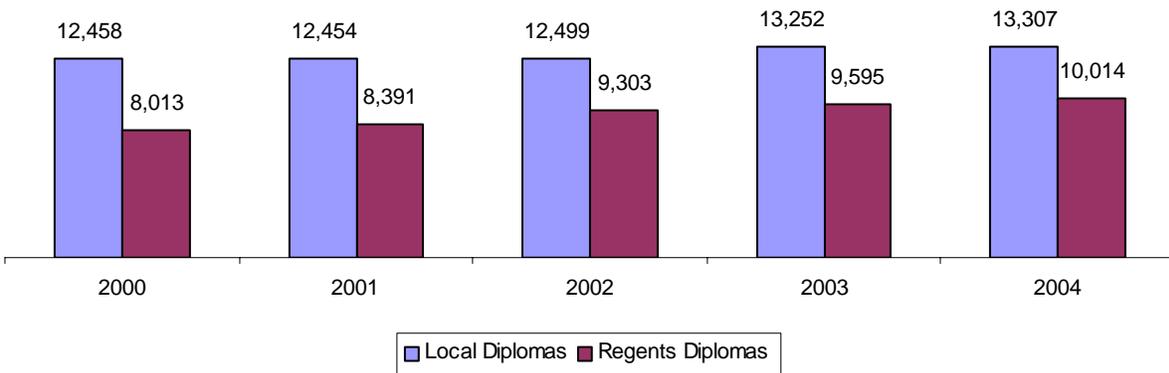


### Performance of the 2000 Cohort as of June 2004 after 4 Years



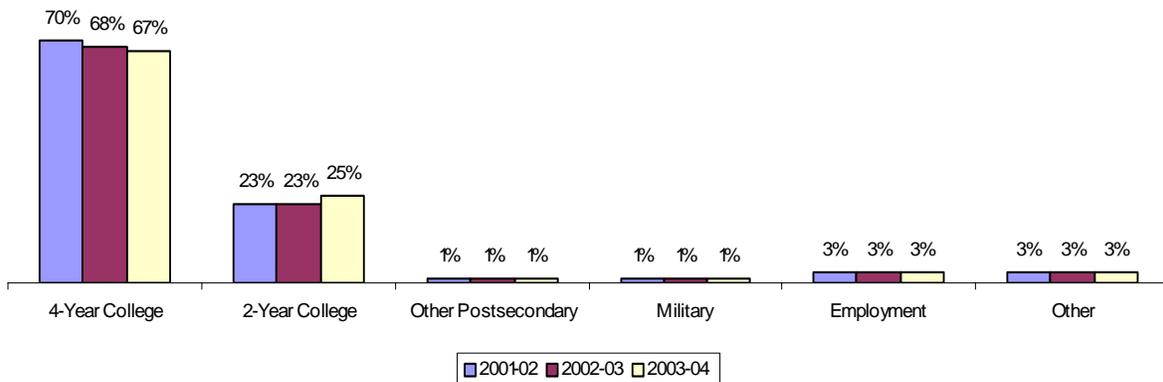
## Graduation Results 1999-2000 through 2003-04 School Years

Displayed below are the number of graduates in component districts who received local diplomas with or without Regents endorsement and local diplomas with Regents endorsement during the 1999-2000 through 2003-04 school years. Before the 2001-02 school year, counts include January, June and August graduates. In the 2001-02 school year, counts include January and June graduates. Data for the 2002-03 and 2003-04 school year include August, January and June graduates. In 2003-04, 75.3% of the high school graduates in this BOCES region component districts earned a Regents diploma versus 69.2% of the graduates in component districts statewide.



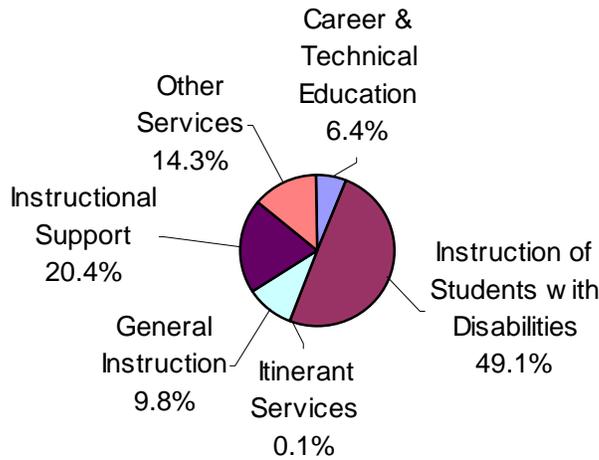
## Distribution of Graduates 2001-2002 through 2003-2004 School Years

The chart provides the percentage of graduates in component districts who specified the postsecondary intentions listed during the 2001-2002 through 2003-2004 school years. Other postsecondary includes trade and proprietary schools.



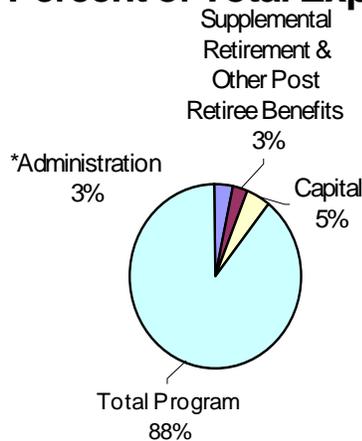
## 2002-2003 Expenses

<b>Administrative Expenses (Excluding Supplemental &amp; Other Post Retirement Benefits)</b> .....	\$ 7,842,644
<b>Supplemental &amp; Other Post Retirement Benefits</b> .....	\$ 5,919,357
<b>Capital Expenses</b> .....	\$ 10,442,221
<b>Total Program Expenses</b> .....	\$ 168,748,251



**Total Expenses** .....\$ 192,952,473

### Percent of Total Expenses



\*Excludes Supplemental & Other Post Retirement Benefits