

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
- 2022-2023** Expenses

2022-2023

Broome-Tioga BOCES

**Broome-Tioga BOCES
Board of Cooperative Educational Services
2022-2023 Report Card**

Table of Contents

	Page
Component/Non-Component District List.....	ii
 Indicators of BOCES Performance	
Career & Technical Education.....	1-3
Alternative Education.....	4-5
Adult Career & Technical Education.....	6
Adult Basic Education.....	6
Special Education	
Special Education Enrollment and Tuition in BOCES Programs.....	7-8
State Testing Program.....	8-11
Professional Development.....	12
 2022-2023 Expenses.....	 13

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

TEST DATA DISCLAIMER

Due to the ongoing impacts of COVID-19, it may not be appropriate to compare current year standardized assessment results with results from prior years. Multiple measures are needed to evaluate the effectiveness of educational programs and successfully prepare students for college, careers, and civic engagement.

BOCES
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Component Districts

- Binghamton
- Chenango Forks
- Chenango Valley
- Deposit
- Harpursville
- Johnson City
- Maine Endwell
- Newark Valley
- Owego
- Susquehanna Valley
- Tioga
- Union Endicott
- Whitney Point
- Windsor

Broome-Tioga BOCES encompasses approximately 931square miles

Joint Management Team

- Broome-Tioga BOCES
- Delaware-Chenango-Madison-Oneida BOCES
- Greater Southern Tier BOCES
- Otsego-Northern Catskills BOCES

Regional Information Center

- **South Central Regional Information Center**

To learn more about the comprehensive nature of BOCES in NYS, go to:
<https://www.btboces.org/>

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
	2021-2022	2021-2022	2022-2023	2022-2023
First-year students	377	301	584	546
Second-year students	214	178	463	400
Second-year students completing	233	197	467	203
Completers with technical endorsement	138	86	289	125

Other Career-Related Programs

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

“New Vision”

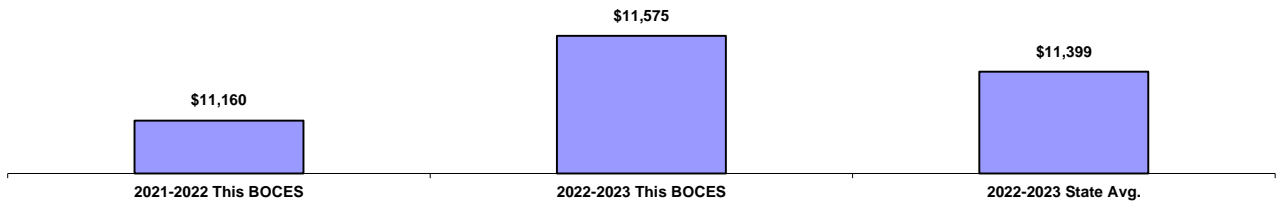
Participated 1 yr of a CTE Program

Other one-year programs

“New Vision”	80	1	83	1
Participated 1 yr of a CTE Program	54	35	47	35
Other one-year programs	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**

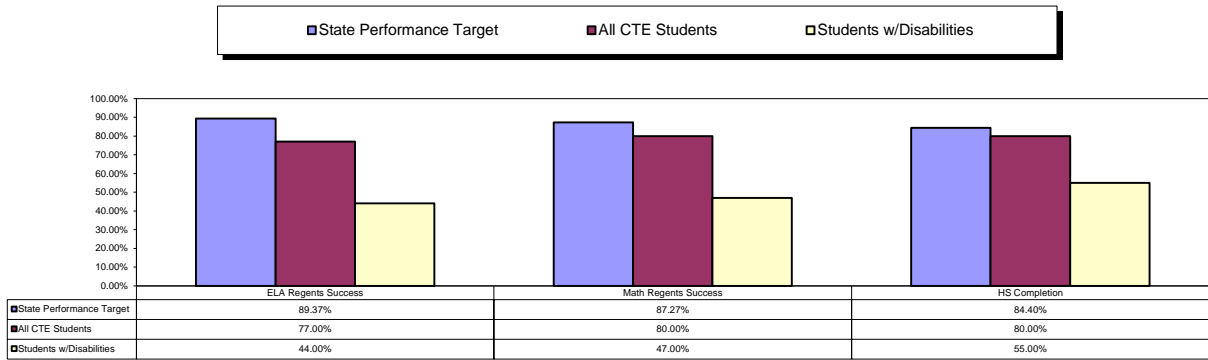
Data Source: SIRS



* Data Include General Education and Students with Disabilities. *Data No Available*

CTE Student Performance on Perkins Indicators Who Left School in 2021-22

Data Source: SIRS

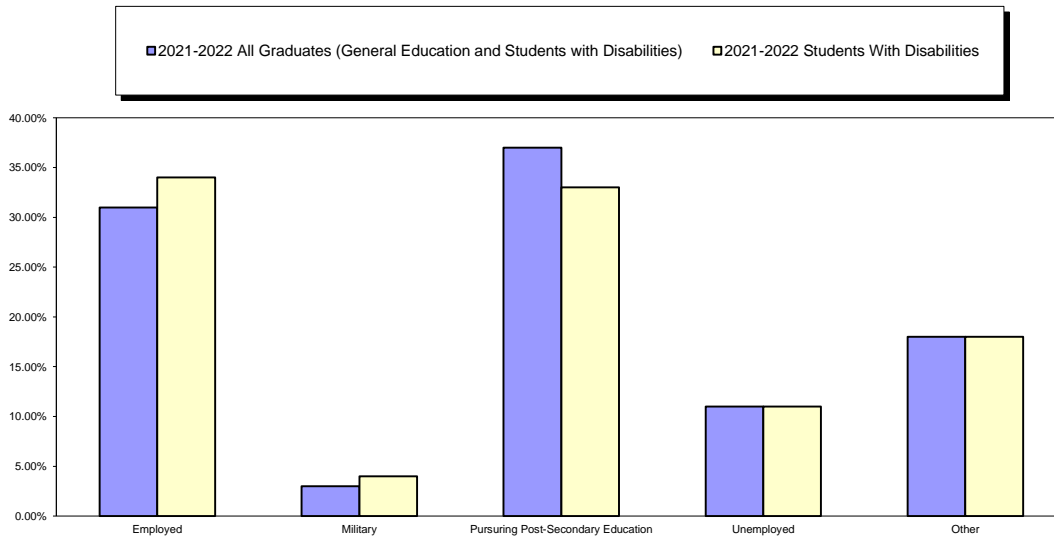


Status of Career and Technical Education (CTE) Students 2021-2022 Placement Outcomes

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
70.0%	79.4 %



**Test Assessing Secondary Completion Leading to TASC
For CTE Students Age 16-18
2022-2023**

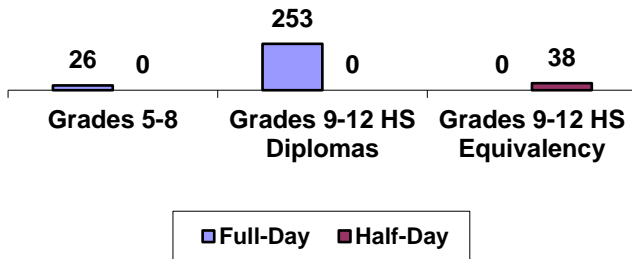
The Test Assessing Secondary Completion (TASC) is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the TASC are offered in English and Spanish.

	Grades 9-12 Programs Leading to a TASC	
	Half- day	Full- day
Number of students who:		
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

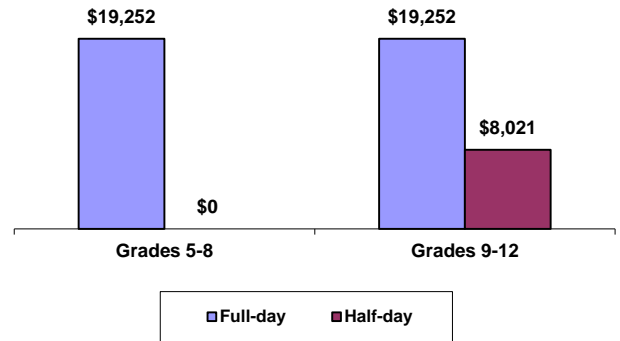
Alternative Education

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, 2023**



2022-2023 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	9	0	60	0	19	0
Remained in the BOCES program	17	0	146	0	7	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	3	0	12	0
Received high school diplomas			44	0		

Alternative Education State Testing Program
2022-2023 School Year

State Assessment- Regents Exams	Counts of Students Tested				Percentage of Students Tested			Count of Students Exempted from Exam with Credit
	Below 55	55-64	65 and Above	Total	Below 55 - Percent	55-64 - Percent	65 and Above - Percent	
Algebra I (CC)	56	22	39	117	47.86%	18.80%	33.33%	0
Algebra II (CC)	0	0	0	0	0.0%	0.0%	0.0%	0
Geometry (CC)	4	1	1	6	66.67%	16.67%	16.67%	0
English Language Arts (CC)	14	12	34	60	23.33%	20.00%	56.67%	0
Living Environment	17	14	38	69	24.64%	20.29%	55.07%	0
Physical Setting/ Earth Science	3	0	1	4	75.00%	0.00%	25.00%	0
Physical Setting/ Chemistry	0	0	0	0	0.0%	0.0%	0.0%	0
Physical Setting/ Physics	0	0	0	0	0.0%	0.0%	0.0%	0
Global History and Geography II (New Framework)	32	12	24	68	47.6%	17.65%	35.29%	0
Global History and Geography Transition	0	0	0	0	0.0%	0.0%	0.0%	0
United States History and Government	11	10	20	41	27%	49%	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 Count Percentage		BOCES Statewide Average
All CTE Programs			
Enrolled during 2021-22	171	--	--
Continuing Enrollment after 2021-22	0	0.0%	13.71%
Completed or Left During 2021-22	171	100.0%	86.31%
Left Prior to Completion During 2021-22	28	16.4%	11.49%
Completed by the End of 2021-22	143	83.6%	74.53%
Completed or Left During 2021-22 and Status Known	125	98.4%	54.24%
Completed/Left/Status Known and Successfully Placed*	75	43.9%	34.62%
Completed but Not seeking Employment	0	0.0%	2.83%
Non-Traditional CTE Programs			
Enrolled in Non-Traditional Programs During 2021-22	100		50.85%
Completed a Non-Traditional Program By the End of 2021-22	90	90.0%	41.02%
Under-Represented Gender Members Enrolled during 2021-22	9	9%	7.25%
Under-Represented Gender Members Who Completed during 2021-22	8	8%	5.78%

* 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 2022-23 was 142.

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					
	2020-21	2021-22	2022-23	2020-21		2021-22		2022-23	
					Percent		Percent		Percent
Adult Beginning/Intermediate	87	108	115	44	50.5%	37	34.3%	35	30.4%
Adult Secondary (Low)	5	5	4	1	20.0%	2	40.0%	1	25.0%
ESOL	62	42	23	33	53.2%	18	42.3%	9	39.1%

Other Outcomes (2020-21 through 2022-23)

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					
	2020-21	2021-22	2022-23	2020-21		2021-22		2022-23	
					Percent		Percent		Percent
Entered employment	123	128	47	10	8.1%	6	4.7%	27	57.4%
Retained employment	63	34	71	1	1.5%	2	5.9%	47	66.2%
Obtained secondary or HS equivalency diploma	59	70	21	20	33.9%	11	15.8%	5	23.8%
Entered post-secondary education or training	0	0	0	0	0.0%	0	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)

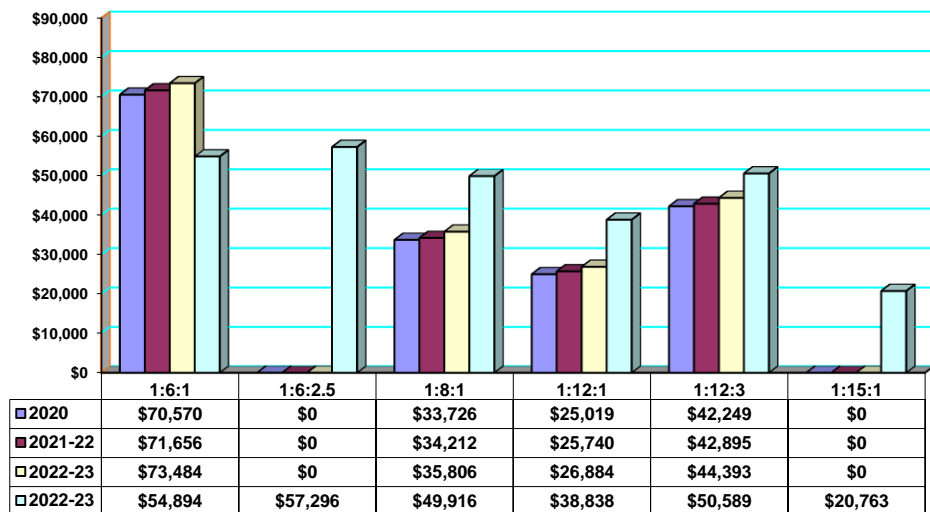
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2020-21	2021-22	2022-23
8:1:1	532	608	609
12:1+1:3	20	22	25
6:1:1	72	72	65
12:1:1	106	102	98
15:1:1	0	0	0
6:1:2.5	0	0	0

Tuition Rates Per Student 2020-21 through 2022-23



Special Education State Testing Program 2022-2023 School Year

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

Data Source: Data Warehouse

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	11	2	1	0	14	21.43%	
Grade 4 English Language Arts	14	5	1	0	20	30.00%	5.00%	0
Grade 5 English Language Arts	14	1	0	0	15	6.67%	0.00%	0
Grade 6 English Language Arts	18	1	4	0	23	21.74%	17.39%	0
Grade 7 English Language Arts	16	2	1	0	20	15.00%	5.00%	1
Grade 8 English Language Arts	26	3	3	1	36	19.44%	11.11%	3
Grade 3 Mathematics	10	3	0	0	13	23.08%	0.00%	0
Grade 4 Mathematics	19	0	1	0	20	5.00%	5.00%	0
Grade 5 Mathematics	14	0	0	0	14	0.00%	0.00%	0
Grade 6 Mathematics	15	1	5	0	21	28.57%	23.81%	0
Grade 7 Mathematics	12	2	2	0	16	25.00%	12.50%	0
Grade 8 Mathematics	28	0	3	0	33	9.09%	2.00%	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.)
2022-2023 School Year

State Assessment- Regents Exams	Counts of Students Tested				Percentage of Students Tested			Count of Students Exempted from Exam with Credit
	Below 55	55-64	65 and Above	Total	Below 55 - Percent	55-64 - Percent	65 and Above - Percent	
Algebra 1 (CC)	24	6	12	42	57.14%	14.29%	28.57%	0
Algebra 2 (CC)	0	0	1	1	0.0%	0.0%	100.00%	0
Geometry (CC)	0	0	2	2	0.0%	0.0%	100.00%	0
Living Environment	7	4	9	20	35.00%	20.00%	52.00%	0
Physical Setting/ Earth Science	0	0	2	2	0.0%	0.0%	100.00%	0
Physical Setting/ Chemistry	0	1	0	1	0.0%	100.00%	0.0%	0
Physical Setting/ Physics	0	0	0	0	0.0%	0.0%	0.0%	0
English Language Arts (CC)	20	8	11	39	51.28%	20.51%	28.21%	0
Global History and Geography II (New Framework)	18	3	11	32	56.25%	9.38%	34.38%	0
Global History & Geography Transition	0	0	0	0	0.0%	0.0%	0.0%	0
United States History & Government	7	5	11	23	30.43%	21.4%	47.83%	0

**Students with Severe Disabilities Performance on the
New York State Alternate Assessments
2022-2023 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	3	17	2	30	73.33%	63.33%	7%
Grade 4 English Language Arts	2	0	16	1	21	80.95%	80.95%	10%
Grade 5 English Language Arts	1	1	19	7	30	90.00%	86.67%	7%
Grade 6 English Language Arts	0	3	18	3	27	88.89%	77.78%	11%
Grade 7 English Language Arts	2	6	9	6	25	84.00%	60.00%	8%
Grade 8 English Language Arts	7	3	22	9	42	80.95%	73.81%	2%
High School English Language Arts	0	4	13	7	28	85.71%	71.43%	14%
Grade 3 Mathematics	3	2	23	1	30	86.67%	80.00%	3%
Grade 4 Mathematics	2	1	16	0	21	80.95%	76.19%	10%
Grade 5 Mathematics	3	3	20	2	30	83.33%	73.33%	7%
Grade 6 Mathematics	1	7	12	4	27	85.19%	59.26%	11%
Grade 7 Mathematics	4	6	9	0	25	76.00%	52.00%	8%
Grade 8 Mathematics	5	8	26	2	42	85.71%	66.67%	2%
High School Mathematics	1	5	10	8	28	82.14%	64.29%	14%

Data Source: Data Warehouse

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 2022-2023 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 Hours Offered and Number of Participants:									
	Superintendents or District-level		Principals or Building-level admins		Teachers		Paraprofessionals		Other	
	Hours	# Staff	Hours	# Staff	Hours	# Staff	Hours	# Staff	Hours	# Staff
Curriculum & Instruction:										
Learning Standards	30	5			259	67				
Instructional Strategies	169	118	395	276	1402	3384				
Data-Driven Instruction										
Effective Use of Technology	20	10	48	24	238	485				
Project Based Learning										
Parent Engagement										
RBE-RN					12	6				
College, Career & Civic Readiness	17	3			57	68				
Response to Intervention	52	54	35	23	284	298				
Early Childhood Education										
Career and Technical Education										
Middle Level Education					90	73				
Special Education Strategies					12	20				
Leadership:										
APPR: Lead Evaluator & Principal Evaluator Training			12	20						
Leadership Development	54	98	82	146	67	27				
District & School Strategic Planning	15	23								
Using Data	4	18			1	3				
Culture/Climate (indicate below)										
Diversity/Equity/Inclusivity	7	13	16	31	26	62				
Social – Emotional Learning	6	3			72	201				
Other culture/climate										
Safety										
Other										

2022-2023 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$	3,235,823.74
Capital Expenses.....	\$	2,068,218.98
Total Program Expenses.....	\$	138,668,932.64
Total Expenses.....	\$	143,972,975.36

