

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
- 2021-2022** Expenses

**2021-2022**

**Broome-Tioga BOCES**

**Broome-Tioga BOCES  
Board of Cooperative Educational Services  
2021-2022 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

**TEST DATA DISCLAIMER**

Due to the ongoing impacts of COVID-19, it may not be appropriate to compare 2021-22 NYS 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. More information can be found on the web at: <http://www.nysed.gov/news/2022/state-education-department-releases-2021-22-final-state-assessment-results>.

**BOCES**  
**03900000000**

**Component Districts**

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

**Broome-Tioga BOCES encompasses approximately 931 square 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 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
2020-21	2020-21	2021-22	2021-22
350	261	377	301
248	212	214	178
233	198	233	197
170	157	138	86

### Other Career-Related Programs

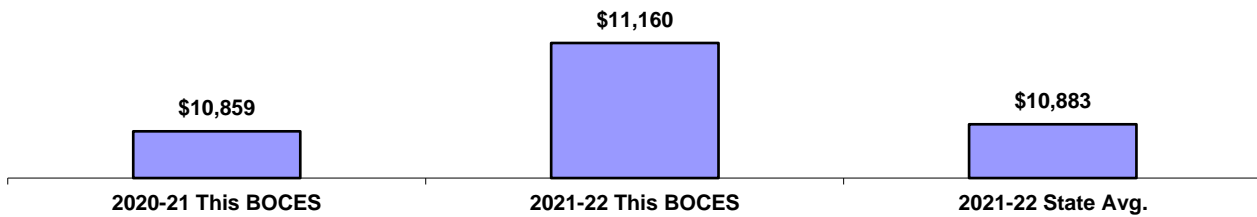
Number of 11<sup>th</sup>/12<sup>th</sup> grade students enrolled in one-year programs:

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

75	0	80	1
22	27	54	35
0	0	0	0

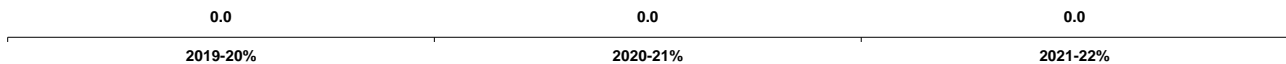
### Tuition Per Student for CTE Programs

Data Source: 602 Report



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

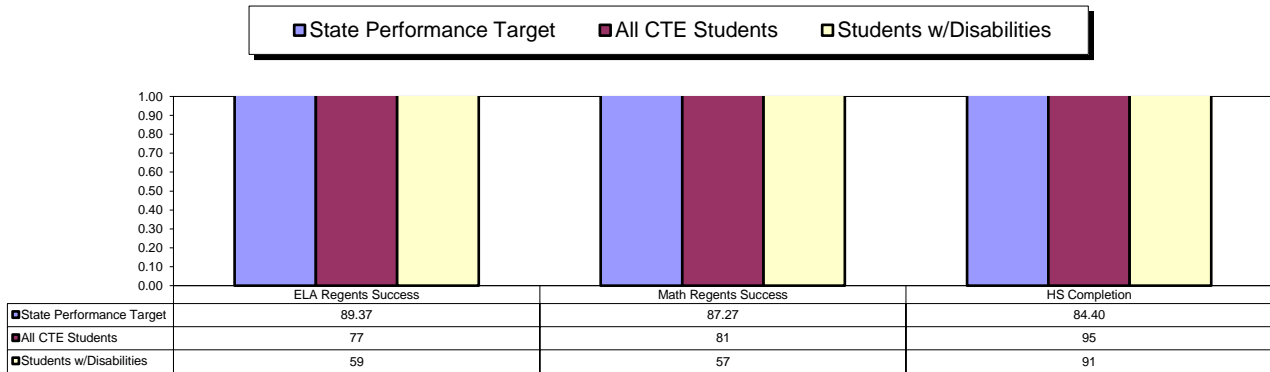
Data Source: SIRS



\* Data Include General Education and Students with Disabilities. Data Source: SIRS \*Data not available

# CTE Student Performance on Perkins Indicators Who Left School in 2020-21

Data Source: SIRS

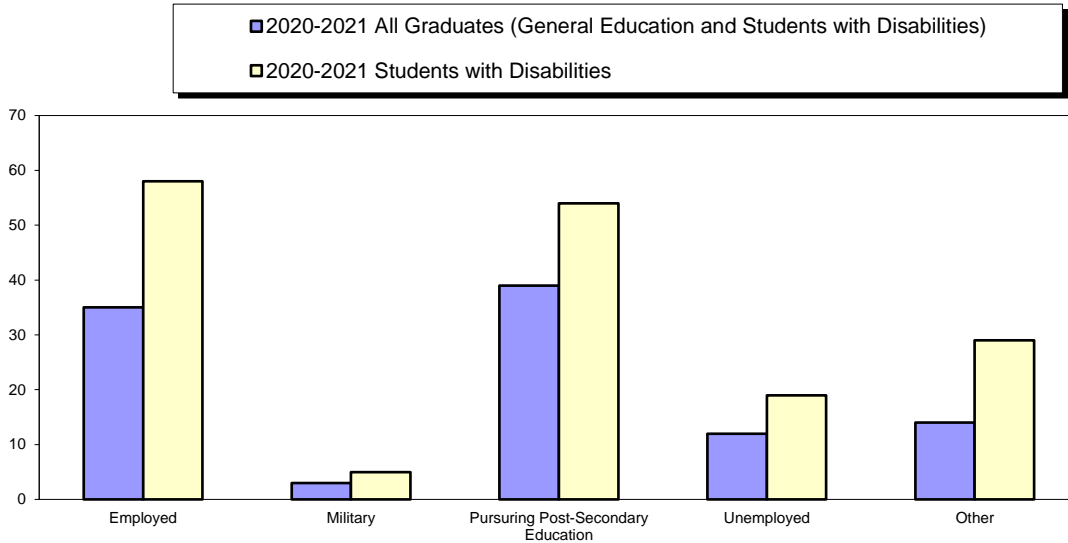


## Status of Career and Technical Education (CTE) Students 2020-21 Placement Outcomes

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
<b>76.8%</b>	<b>97.74 %</b>



**Test Assessing Secondary Completion Leading to TASC  
For CTE Students Age 16-18  
2021-2022**

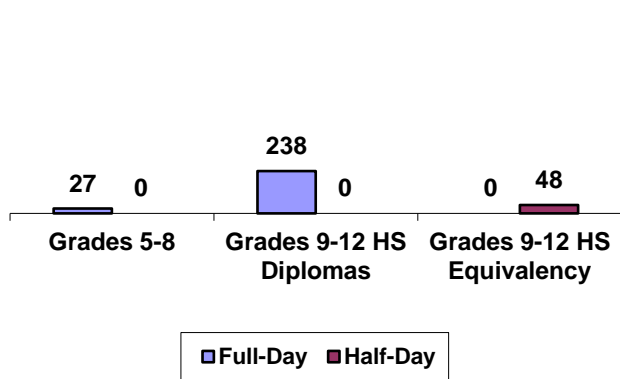
The Test Assessing Secondary Completion (TASC) is a national examination that is available to adults who did not graduate from high school or whose diplomas may not be recognized by New York State. In New York State, the TASC are offered in English and Spanish.

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

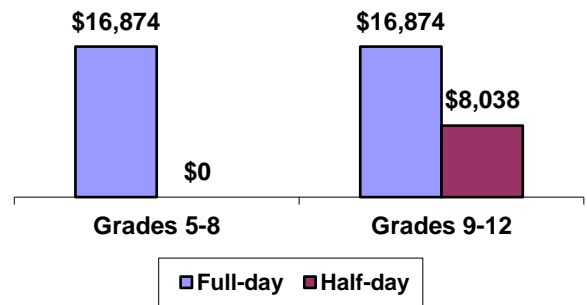
## Alternative Education

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, 2022**



**2021-2022 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	11	0	57	0	19	0
Remained in the BOCES program	16	0	136	0	2	0
Left the program and did not enter another district or BOCES program (dropouts)	0	0	4	0	20	0
Received high school diplomas			40	0		

**Alternative Education State Testing Program**  
**2021-2022 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)	28	19	13	60	46.67%	31.67%	21.67%	
Algebra II (CC)	0	0	0	0	0.0%	0.0%	0.0%	
Geometry (CC)	0	0	0	0	0.0%	0.0%	0.0%	
English Language Arts (CC)	14	8	34	56	25.00%	14.29%	60.71%	
Living Environment	7	12	20	39	17.95%	30.77%	51.28%	
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%	
Global History and Geography II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%	
Global History and Geography Transition	19	3	12	34	55.88%	8.82%	35.29%	
United States History and Government	0	0	0	0	0.0%	0.0%	0.0%	66



## 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 Data Not Available – NYS Did Not Track for this year.*

	This BOCES Count Percentage		BOCES Statewide Average
<b>All CTE Programs</b>			
Enrolled during 2020-21	0	--	--
Continuing Enrollment after 2020-21	0	0.0%	23.84%
Completed or Left During 2020-21	0	0.0%	78.19%
Left Prior to Completion During 2020-21	0	0.0%	16.70%
Completed by the End of 2020-21	0	0.0%	66.24%
Completed or Left During 2020-21 and Status Known	0	0.0%	44.78%
Completed/Left/Status Known and Successfully Placed*	0	0.0%	38.03%
Completed but Not seeking Employment	0	0.0%	5.49%
<b>Non-Traditional CTE Programs</b>			
Enrolled in Non-Traditional Programs During 2020-21	0		52.20%
Completed a Non-Traditional Program By the End of 2020-21	0	0.0%	81.87%
Under-Represented Gender Members Enrolled during 2020-21	0	0.0%	6.55%
Under-Represented Gender Members Who Completed during 2020-21	0	0.0%	76.91%

\* 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 2021-2022 was **178**.

### 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					
	2019-20	2020-21	2021-22	2019-20		2020-21		2021-22	
					Percent		Percent		Percent
Adult Beginning/Intermediate	303	87	131	121	39.9%	30	34.5%	34	26.0%
Adult Secondary (Low)	23	27	5	14	60.8%	3	11.1%	0	0.0%
ESOL	62	62	42	16	25.8%	31	50%	18	43.0%

### Other Outcomes (2019-20 through 2021-22)

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					
	2019-20	2020-21	2021-22	2019-20		2020-21		2021-22	
					Percent		Percent		Percent
Entered employment	NA	0	0	NA	NA	0	0.0%	0	0.0%
Retained employment	NA	0	0	NA	NA	0	0.0%	0	0.0%
Obtained secondary or HS equivalency diploma	32	0	0	23	71.8%	0	0.0%	0	0.0%
Entered post-secondary education or training	NA	0	0	NA	NA	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)

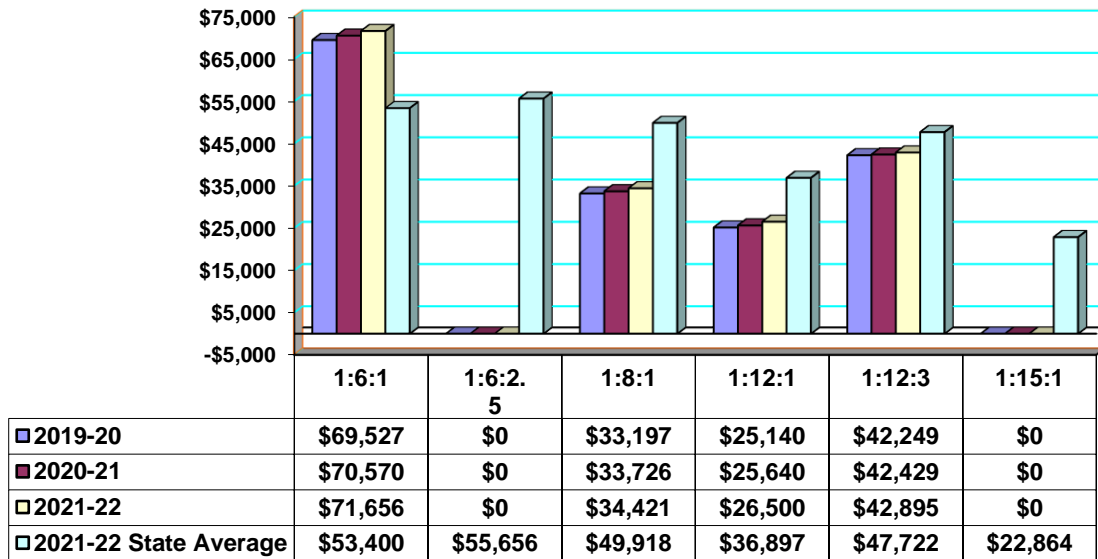
An addendum of enrollment and tuition information will be attached to this report if this BOCES provides other options of student/staff ratios.

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

	2019-20	2020-21	2021-22
8:1:1	631	532	608
12:1+1:3	20	20	22
6:1:1	66	72	72
12:1:1	142	106	102
15:1:1	0	0	0
6:1:2.5	0	0	0

### Tuition Rates Per Student 2019-20 through 2021-22



## Special Education State Testing Program 2021-2022 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	18	6	0	0	24	25.00%	0.0%	9
Grade 4 English Language Arts	19	4	0	0	23	17.39%	0.0%	4
Grade 5 English Language Arts	26	2	0	0	28	7.14%	0.0%	7
Grade 6 English Language Arts	17	2	0	0	19	10.53%	0.0%	4
Grade 7 English Language Arts	25	3	2	0	30	16.67%	6.67%	0
Grade 8 English Language Arts	18	6	3	0	28	32.14%	10.71%	16
Grade 3 Mathematics	23	1	0	0	24	4.17%	0.0%	8
Grade 4 Mathematics	23	1	0	0	24	4.17%	0.0%	2
Grade 5 Mathematics	23	0	1	0	24	4.17%	4.17%	11
Grade 6 Mathematics	15	0	1	0	16	6.25%	6.25%	7
Grade 7 Mathematics	26	2	2	0	30	13.33%	6.67%	2
Grade 8 Mathematics	23	3	2	0	28	17.86%	7.14%	16

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.)**  
**2021-2022 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)	10	5	8	23	43.48%	21.74%	34.78%	
Algebra 2 (CC)	0	0	1	1	0.0%	0.0%	100%	
Geometry (CC)	0	0	1	1	0.0%	0.0%	100%	
Living Environment	5	5	11	21	23.81%	23.81%	52%	
Physical Setting/ Earth Science	0	0	0	0	0.0%	0.0%	0.0%	
Physical Setting/ Chemistry	0	1	1	1	0.0%	0.0%	100%	
Physical Setting/ Physics	0	0	0	0	0.0%	0.0%	0.0%	
English Language Arts (CC)	13	1	7	21	61.90%	4.76%	33.33%	
Regents ELA	0	0	0	0	0.0%	0.0%	0.0%	
Global History and Geography II (New Framework)	0	0	0	0	0.0%	0.0%	0.0%	
Global History & Geography Transition	10	5	8	23	43.48%	21.74%	34.78%	
United States History & Government	0	0	0	0	0.0%	0.0%	0.0%	23

**Students with Severe Disabilities Performance on the  
New York State Alternate Assessments  
2021-2022 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	3	9	1	13	100%	76.92%	3
Grade 4 English Language Arts	2	3	18	0	23	91.30%	78.26%	1
Grade 5 English Language Arts	0	1	16	2	19	100%	94.74%	1
Grade 6 English Language Arts	0	2	23	2	27	100%	92.59%	1
Grade 7 English Language Arts	3	1	26	6	36	91.67%	88.89%	0
Grade 8 English Language Arts	2	4	12	6	24	91.67%	75.00%	0
High School English Language Arts	0	3	10	2	15	100%	80%	0
Grade 3 Mathematics	3	2	7	1	13	76.92%	61.54%	3
Grade 4 Mathematics	3	3	14	3	23	86.96%	73.91%	1
Grade 5 Mathematics	1	2	15	1	19	94.74%	84.21%	1
Grade 6 Mathematics	1	2	22	2	27	96.30%	88.89%	1
Grade 7 Mathematics	2	5	27	2	36	94.44%	80.56%	0
Grade 8 Mathematics	3	3	15	3	24	87.50%	75.00%	0
High School Mathematics	0	3	9	3	15	100%	80.00%	0

Data Source: Data Warehouse

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 2021-22 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
<b>Curriculum &amp; Instruction:</b>										
Learning Standards					161	221				
Instructional Strategies			94	406	1187	2313				
Data-Driven Instruction										
Effective Use of Technology			7	9	195	410				
Project Based Learning										
Parent Engagement										
RBE-RN										
College, Career & Civic Readiness			10	18	20	14				
Response to Intervention					63	37				
Early Childhood Education					1	8				
Career and Technical Education										
Middle Level Education										
Special Education Strategies			8	18	29	38				
<b>Leadership:</b>										
APPR: Lead Evaluator & Principal Evaluator Training			12	14						
Leadership Development			141	264						
District & School Strategic Planning										
Using Data										
<b>Culture/Climate (indicate below)</b>										
Diversity/Equity/Inclusivity			12	4	48	65				
Social – Emotional Learning					89	84				
Other culture/climate			10	25	34	39				
Safety										
Other										

# 2021-2022 Expenses

Data Source: SA111, schedule 2A

Administrative Expenses.....	\$ 3,207,276.52
Capital Expenses.....	\$ 2,062,451.80
Total Program Expenses.....	\$ 127,130,519.31
Total Expenses.....	\$ 132,400,247.63

