



Since 1948, BOCES have provided shared educational programs and services to school districts across the state. With BOCES as a partner, school districts can be strategic in deploying shared programs that serve students from all districts regardless of their enrollment, income or size of tax base.



BOCES UPDATE **2023 REPORT**

Boards of Cooperative Educational Services (BOCES) are continuously looking to the future to develop and evolve programs that align with the needs of their students, school districts and communities. This data report showcases the successes of BOCES students, school districts and programs over the past 12 months. *We are proud of our role in this work.*

EDUCATOR for All Ages and Abilities

BOCES' mission is to educate every individual, regardless of their age or ability. We collaborate with our districts to develop programs designed to enhance student achievement.



31,464 people are employed by BOCES across NYS to assist in our students' education.

16,023 students' needs were supported in special education classrooms operated by a BOCES.

3,952 students' academic, social and emotional needs were met in BOCES alternative education programs.

5,130 adult students broadened their employment options by taking High School Equivalency (HSE) courses taught by a BOCES teacher.

11,039 adult students improved their language comprehension, speaking and literacy skills through English as a Second Language (ESL) programs at BOCES.

At Least **17,275** college credits were earned by students enrolled in BOCES specialized high school programs.

BOCES services are created when two or more school districts have similar needs that can be met through a shared program.

MANY BOCES PROGRAMS ARE INSTRUCTIONAL AND INCLUDE, BUT ARE NOT LIMITED TO:

- career and technical programs for high school students
- services for students with disabilities
- professional development
- mental health programs
- instructional technology
- itinerant teacher services
- general instructional programs, such as English as a second language, high school equivalency and gifted and talented programs
- regional summer school



41,990

students developed college- and career-ready skills through CTE programs taught by BOCES.



14,647

CTE students graduated with a high school diploma or equivalent during the 2021-22 school year.



2,881

students were enrolled in High Tech High school, Early College High School, and P-Tech programs.



Among all CTE graduates, more than

45%

went on to college after graduation.

And **41%**

entered the workforce, and more than

4%

chose to

serve our nation's armed forces.

PARTNER to Industry

BOCES plays a critical role in creating a skilled workforce that contributes significantly to New York’s economy. Valued partners from the business community help shape BOCES programs so that the unique needs of each region’s economy are being met.



6,021
businesses
are represented
on BOCES CTE
advisory councils
across New York state.



57

new CTE programs have
been developed over the
past three years through
partnerships and guidance
from local businesses,
including:

Advanced Culinary

Agricultural Studies

Construction Trades

Digital Production

Educational Pathways
Academy

Electric Vehicle Tech

Emergency Medical Science

Heavy Equipment Repair

Horizontal Directional Drilling

Hospitality and
Human Services

Information
Technology Science

Intro to
Transportation Trades

Manufacturing

Operations and
Diesel Technology

Plant Science

Underground Utility Tech

Veterinary and
Animal Science

BOCES across the state are working to meet the need for skilled labor by tailoring programs to support the specific Regional Economic Development Council priorities of each region, including:

📍 **Western New York:** Welding, New Visions Health Professions, Product Design

📍 **Finger Lakes:** Culinary Arts, Digital Media, Exercise Science, Advanced Manufacturing

📍 **Southern Tier:** Building Trades, Nurse Assisting, Heavy Equipment, Business Administration

📍 **Central New York:** Physical Therapy Professions, Lab Technician, Heavy Equipment Repair

📍 **Mohawk Valley:** Child & Family Services, Culinary Arts, Health Occupations, Environmental Conservation, Criminal Justice

📍 **North Country:** Natural Resource Science, Agricultural Sciences, Cosmetology, Veterinary Practices

📍 **Capital Region:** Digital Gaming/Software/IT, Offshore Wind Industry, Sterile Processing Technician, HVAC-R

📍 **Mid-Hudson:** Dental Assistant, Cyber Tech, Emergency Medical Services, Computer Programming

📍 **Long Island:** Exercise Medicine, Diagnostic Medical Sonographer, Automatic Heating



ENGINE for Economic Growth

BOCES has a vast network of education and industry professionals who help foster career skills. These partnerships provide a pipeline of skilled workers and circulate millions of dollars back into the local economy. BOCES statewide stand ready to expand educational programs and services to meet the need to grow the skilled workforce around the state.



11,010

students were provided English as a Second Language by BOCES adult programs.



1,328

students worked side-by-side with industry professionals in honors-level career courses through BOCES New Visions programs.

15,808

adult students improved their job prospects by enrolling in BOCES workforce development courses.

16,027

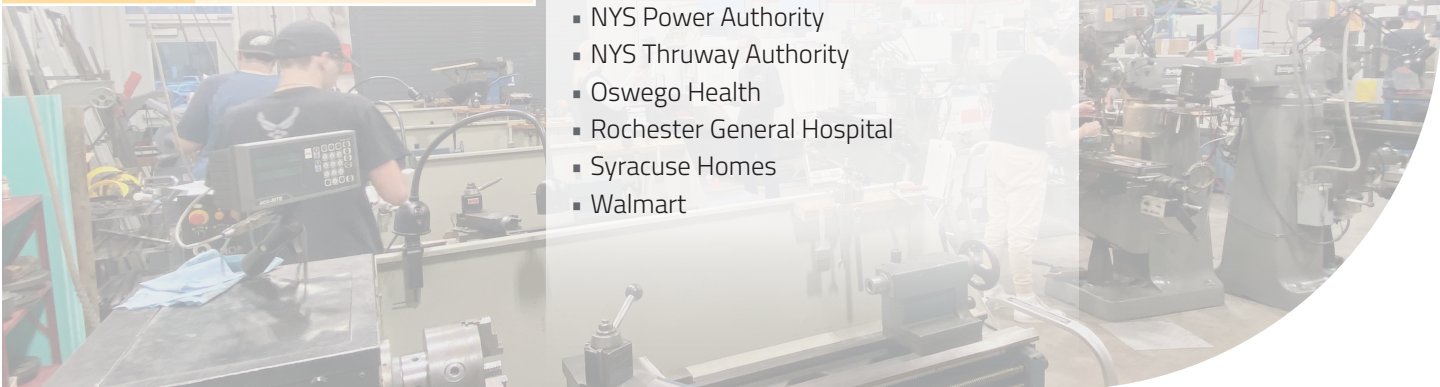
professional development workshops/sessions provided by BOCES in the 2021-22 school year to improve instruction.

485

businesses around the state partnered with BOCES to provide adult training.

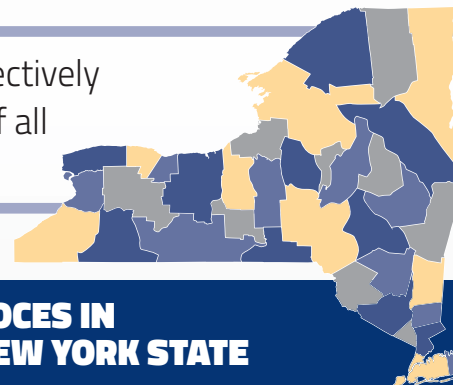
BOCES partnered with a diverse array of businesses throughout the state to provide training for local workforce needs, including:

- Albany Medical Center
- Arconic
- Cornell Cooperative Extension
- Department of Labor
- Dunn Paper
- National Grid
- NuVance Health Alliance
- NYS Power Authority
- NYS Thruway Authority
- Oswego Health
- Rochester General Hospital
- Syracuse Homes
- Walmart



TRUSTED LEADER in Education

A District Superintendent is a vigorous agent for change, effectively advocating for educational excellence and equity on behalf of all learners in New York state.



WHAT IS A DISTRICT SUPERINTENDENT?

As the Commissioner’s representatives in the field, District Superintendents provide leadership within their region, helping to interpret and implement state education laws and the regulations and initiatives of the NYS Board of Regents for component school districts. They meet regularly with the Commissioner, and other senior level administrators, facilitating communication between the New York State Education Department and local school districts, as well as other public and private agencies. They also represent the Commissioner with special initiatives, such as test investigations, settlement of boundary disputes and determination of residency.

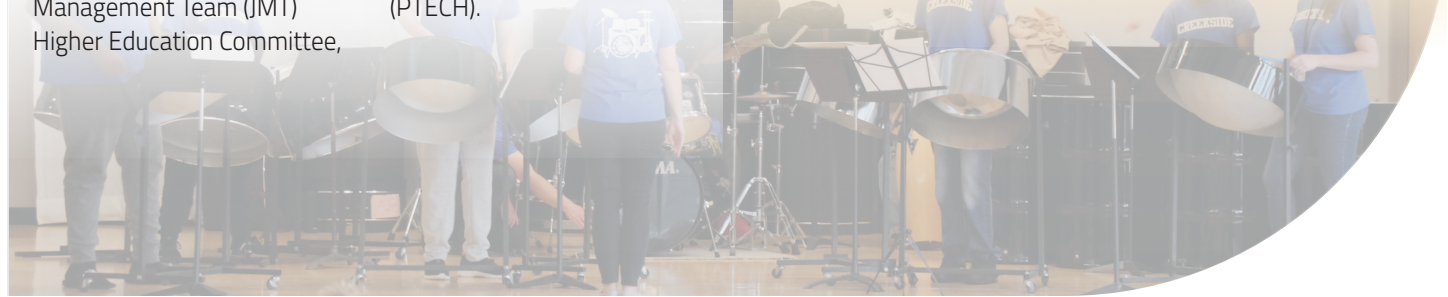
District Superintendents are responsible for the Regional Information Centers (RIC) and for the development and implementation of statewide grants and programs, such as Regional Bi-lingual Educational Resource Centers, and other supports for the State Education Department and school districts. They meet regularly with the regional leadership of Joint Management Team (JMT) Higher Education Committee,

which works with institutions of higher education on the development of programs for students in K-12, including Pathways in Early Technology (PTECH).

As CEO of a BOCES, District Superintendents lead their organizations in developing and implementing programs and services provided at the request of component school districts. They work closely with component school boards and administrators to help them carry out their educational mission. Services provided by the District Superintendent often include policy assistance, board trainings, school superintendent searches, school reorganizations and mergers and more. and other supports for the State Education Department and school districts. They meet regularly with the regional leadership of Joint Management Team (JMT) Higher Education Committee, which works with institutions of higher education on the development of programs for students in K-12, including Pathways in Early Technology (PTECH).

37 BOCES IN NEW YORK STATE

- Albany-Schoharie-Schenectady-Saratoga (Capital Region)
- Broome-Tioga
- Cattaraugus-Allegany-Erie-Wyoming
- Cayuga-Onondaga
- Clinton-Essex-Warren-Washington (Champlain Valley Educational Services)
- Delaware-Chenango-Madison-Otsego
- Dutchess
- Erie 1
- Erie 2-Chautauqua-Cattaraugus
- Franklin-Essex-Hamilton
- Genesee-Livingston-Steuben-Wyoming (Genesee Valley BOCES)
- Hamilton-Fulton-Montgomery
- Herkimer-Fulton-Hamilton-Otsego
- Jefferson-Lewis-Hamilton-Herkimer-Oneida
- Madison-Oneida
- Monroe 1
- Monroe 2-Orleans
- Nassau
- Oneida-Herkimer-Madison
- Onondaga-Cortland-Madison
- Ontario-Seneca-Yates-Cayuga-Wayne (Wayne-Finger Lakes)
- Orange-Ulster
- Orleans-Niagara
- Oswego (Center for Instruction, Technology & Innovation – CiTi)
- Otsego-Delaware-Schoharie-Greene (Otsego-Northern Catskills)
- Putnam-Northern Westchester
- Rensselaer-Columbia-Greene (Questar III)
- Rockland
- St. Lawrence-Lewis
- Schuyler-Steuben-Chemung-Tioga-Allegany (Greater Southern Tier)
- Eastern Suffolk
- Western Suffolk
- Sullivan
- Tompkins-Seneca-Tioga
- Ulster
- Washington-Saratoga-Warren-Hamilton-Essex
- Southern Westchester




FACILITATOR of Collaboration and Efficiency


BOCES are the premier example of inter-municipal collaboration in New York state. We are able to leverage the strength of multiple school districts to provide a wide variety of services that, individually, school districts could not provide because the costs would be prohibitive.




118,645
staff members were able to participate in professional development workshops through BOCES.



\$1.5 million
was saved by the 490 school districts participating in BOCES energy cooperatives in one year.



391
school districts participate in a BOCES coordinated health benefits consortium.



\$17.4 million
was saved through the 669 cooperative bids organized by BOCES in one year.

161	districts share central business office staff or functions via BOCES.
2,135	colleges and universities have joined articulation agreements with BOCES programs.
88%	of districts received support from the Regional Information Centers in effectively utilizing student management systems.
75%	of BOCES and public-school districts are supported by RIC's with effective utilization of financial management systems.

Through collaboration, BOCES is able to provide non-instructional support services that help school districts contain costs. Examples include:

- Actuarial Services
- Centralized Teaching
- Computer Services
- Digital Records Management
- Duplication and Printing Services
- Employment and Safety Training Programs
- Finance, Accounting, and Business Services
- Food Service Management
- Grant Writing
- Information Technology Services
- Internal Audit Services
- Labor Relations
- Legal services
- Medicaid Data Processing
- Printing
- Public Relations and Public Engagement
- Road Maintenance
- Safety and Risk Management
- Substitute Services
- Teacher Certification

15 BOCES PARTICIPATE IN COUNTY-WIDE SHARED SERVICE INITIATIVES. EXAMPLES INCLUDE:

- Child and Adolescent Resource and Engagement
- Cooperative Fuel Purchasing
- COVID-19 Testing
- Regional High School
- Shared Pharmacy Benefit Services
- Shared Vehicle/Bus Maintenance
- Technology and Cyber Services
- Transportation Services

of Educational Excellence



For the past 75 years, the Boards of Cooperative Educational Services (BOCES) have helped school districts across New York state save money by sharing costs and resources. What began in 1948 as a temporary way for districts to collaborate has become an integral part of New York's educational infrastructure, incorporating all but nine of the state's more than 700 school districts.

BOCES arose out of the concept of "supervisory districts," which were organized in the early 20th century to divide the state into regions

overseen by District Superintendents acting as local representatives of the Commissioner of Education. Many of these supervisory districts, which contained 50 schools and numbered in the hundreds, gave rise to some of the first BOCES in New York state. Today, BOCES District Superintendents continue to serve as representatives of the Commissioner and liaisons to the state Education Department for their service regions.

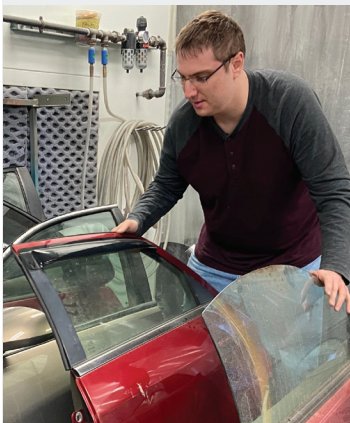
Some of the first BOCES in the state were founded in Suffolk, Westchester, Franklin, Oswego and Oneida counties. In the early

years of BOCES, the boards did not have the ability to purchase land or construct facilities, so many programs were run out of small offices with only minimal staff.

However, the service quickly grew throughout the state; by 1958, there were 82 BOCES across New York. Legislation in the 1960s that enabled BOCES to seek voter approval to purchase land and construct facilities allowed many BOCES to develop purpose-built facilities to house their growing technical education and special education services, a tradition that continues today.

37	Boards of Cooperative Educational Services
722	component districts
209	CO-SERs (Cooperative Service agreements) approved by the state Education Department.

Since then, BOCES services have grown even as the total number of boards has been condensed through mergers and consolidations (the most recent of which took place in 2006).




LEADERSHIP for Technology and Data


The 12 Regional Information Centers (RICs) in New York state are organized under the BOCES. RICs support the regional and local BOCES and districts with modernizing and maintaining technology and data ecosystems.


Typically, each RIC works with multiple BOCES and their component districts to leverage economies of scale through regional technology and data services. The RICs ensure that school districts have access to high quality support, resources and training.



More than
1.5 million
students are served by RICs.


The RICs support
88%
of public-school districts with effective utilization of student management systems.


The RICs assist school districts in reporting
240
data elements to the NYSED data warehouse.


The RICs support
75%
of BOCES and public-school districts with effective utilization of financial management systems.

RIC SERVICES

Each RIC offers cooperative services that align with state and/or regional initiatives related to technology and data. RICs frequently collaborate with each other on strategic support options in order to leverage local expertise for statewide needs. The core focus areas of Regional Information Centers are:

- Administrative Systems
- Data Interoperability, Verification and Analysis
- Technical Support
- Data Security and Privacy
- Technology Integration

STRATEGIC COLLABORATIONS

- The RICs provide leadership and support related to the NYS testing program.
- Through participation in collaborative consortiums, the BOCES and RICs negotiate more than 230 contracts to maximize efficiencies and economies of scale.
- The RICs work together to maintain and modernize regional infrastructure to support districts in accessing the Internet and services via high-performing, reliable and protected networks.
- School districts enhance their security posture through use of resources developed by the 12 RICs.
- The RICs partner with Info-Tech and Gartner, global leaders in technology research and analysis, to support the development of state-of-the-art, high-quality services.
- Collectively, the RICs employ 1,800 technology experts.

