

For 70 years, the 37 BOCES of New York 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 **2022 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 in the 2020-2021 school year. *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.



38,573

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



13,616

CTE students graduated with a high school diploma or equivalent during the 2020-21 school year.



Among all CTE graduates, more than

40%

went on to college after graduation.

And nearly

30%

entered the workforce directly after graduation.

More than **450**

CTE graduates have also chosen to serve in our nation's armed forces (fewer than 1% of CTE graduates).

16,534

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

3,355

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

7,566

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

8,119

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

1,003

distance learning/online courses were available to students with the assistance of BOCES.

At Least **20,495**

credits were earned by students enrolled in 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 programs

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.



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



6,040+

businesses had representatives serve on BOCES CTE advisory councils.



60

new CTE programs have been developed through partnerships and guidance from local businesses, including:

- Aircraft/Drone Technology
- Electrical Trades and Alternative Energy
- Farm to Table Sustainable Agriculture
- Horizontal Directional Drilling
- Production & Managerial Arts
- Smart Home Technology
- Sonic Arts
- Sports Conditioning and Exercise Science
- Web and Game Development

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.



1,299

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



2,731

high school students advanced their learning through New Tech High School, Early College High School and P-TECH programs that are closely linked with business and higher education.

14,344

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

271

businesses around the state partnered with BOCES to provide training for their staff.

305,650

instructional computers were purchased by BOCES for their component districts. This technology includes desktops, laptops, netbooks and tablets that helped students gain valuable computer literacy skills, gave them access to numerous research materials, and aided in collaboration with other students in their classroom and around the world. This is in addition to the devices offered as a result of the COVID-19 pandemic.

BOCES partnered with many businesses throughout the state to provide training for local workforce needs, including:

- 1199 SEIU United Healthcare Workers East
- Access VR
- Cargill
- Corning
- General Mills
- Goodyear Tires
- Pyramid Brokerage
- Seneca Nation of Indians
- Syracuse University
- United Way

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.



BOCES professional development workshops drew **148,597** attendees.



\$2.9 million

was saved by the 449 school districts participating in BOCES energy cooperatives.



More than **400**

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



More than **\$16.8 million**

in estimated savings through the 682 cooperative bids organized by BOCES in one year.

176	districts share central business office staff or functions via BOCES.
2,426	colleges and universities have developed articulation agreements with BOCES CTE programs.
13,194	BOCES professional development sessions were provided to school districts to help improve instruction.
88%	of districts received support from the RICs in effectively utilizing student management systems.

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

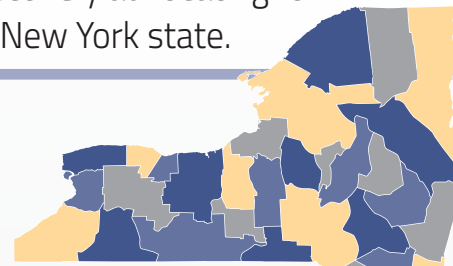
- Actuarial Services
- Digital Records Management
- Duplication and Printing Services
- Food Service Management
- Grant Writing
- Internal Audit Services
- Labor Relations
- Medicaid Data Processing
- Public Relations and Public Engagement
- Safety and Risk Management
- Substitute Services
- Teacher 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 Vehicle/Bus Maintenance
- Technology and Cyber Services
- Transportation Services

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.



37 BOCES 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 a 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.

- 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

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.



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 200 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 2,000 technology experts.



More than
1.8 million
students are served by RICs.



The RICs support
90%
of public-school districts with effective utilization of student management systems.



The RICs assist school districts in reporting
200
data elements to the NYSED data warehouse.



To support remote learning during the COVID-19 Pandemic, the RICs helped districts implement more than
19,000
hotspots.

RESPONSE to COVID-19

Through every stage of the COVID-19 pandemic, BOCES has served as an essential partner in meeting the extraordinary needs of students, families and educators.




About
6 million
meals were provided by BOCES food service management programs.



74
BOCES food pickup sites were available to families.



221,830
meals were delivered to families by BOCES staff.

97,885	food items were collected for local food banks by BOCES.
32,070	face masks and other personal protective equipment were donated to medical facilities by BOCES.
1,329	BOCES staff members were trained to help area emergency response teams with things like contact tracing, call centers, testing and triage.

IN ADDITION, BOCES ACROSS THE STATE:

- Fostered collaboration among district leaders
- Created curriculum materials and online learning programs to support remote learning
- Arranged for day-care opportunities for essential workers
- Provided mobile “hot spots” for students learning at home
- Supported testing, contact tracing, symptom screening and vaccination for schools and their communities.
- Coordinated the development of reopening plans to support a safe return to in-person learning
- Trained district staff in mindfulness, self-care and social-emotional learning to address the mental toll of the pandemic