

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



2021 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 2019-2020 school year.

We are proud of our role in this work.



BOCES

Boards of Cooperative Educational
Services of NEW YORK STATE

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.

16,670 students' needs were supported in special education classrooms operated by a BOCES.

2,815 students' academic, social and emotional needs were met in BOCES alternative education programs.

9,871 adult students broadened their employment options by taking High School Equivalency (HSE) courses taught by a BOCES teacher.

11,675 adult students improved their language comprehension, speaking and literacy skills through English as a Second Language (ESL) programs at BOCES.

1,176 distance learning/online courses were available to students with the assistance of BOCES.

At Least **14,146** 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



37,997

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



90%

of 2019-20 CTE students graduated with a high school diploma or equivalent, as reported by 29 BOCES.



15

BOCES had 50% or more of graduates go on to college after graduation. And 20 BOCES saw at least one-third of students directly enter the workforce after graduation.

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:** Building Trades, Certified Personal Trainer, Collision, EMS, Exercise Science, Product Design & Manufacturing, Ventilation, Welding, New Visions Health Professions
- Finger Lakes:** Animal Science, Automated Machining and Manufacturing, Baking, Conservation, Diesel Mechanics, Engineering and Metal Fabrication
- Southern Tier:** Building Construction, Carpentry, Culinary, Digital Media, Electricity, Heavy Equipment, Nurse Assisting
- Central New York:** Construction Technology, Criminal Justice, Energy Production, Equine and Animal Science, Outdoor Power Equipment, Retail, Tourism, Automotive Collision
- Mohawk Valley:** Child Family Services, Culinary Arts, Cybersecurity, Information Technologies, Mechatronics, Medical Assisting, New Visions Engineering, Environmental Conservation
- Capital Region:** Academy for Educational Careers, Aviation, Health Occupations, Heavy Equipment, HVAC-R, Internet Applications, Machine Tool, Auto Trades
- Mid-Hudson:** Basic Office Applications/E-Business, CISCO, Construction Academy, Culinary Arts, Pharmacy Technician, Pre-engineering, Public Safety, Fashion
- Long Island:** Dental Assisting, Diagnostic Medical Sonography, Electrical Trade and Alternative Energy, Personal Trainer & Exercise Medicine, Physical Therapy Aide, Surgical Technology, Practical Nursing



5,661+ businesses had representatives serve on BOCES CTE advisory councils.



65

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

Animal Science

Business & Hospitality Management

Dental Careers

Farm to Table Sustainable Agriculture

Horticulture & Landscaping

Innovative Design

Mechatronics/Robotics

Music Production

Operations & Diesel Technology

Plant Science

Power Sport Technology

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.

15,568 adult students improved their job prospects by enrolling in BOCES workforce development courses.

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

236,425 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:

- Archcare at Ferncliff
- Candela Lighting
- Canton-Potsdam Hospital
- Corning, Inc.
- Department of Social Services
- General Mills
- Good Year
- The McGuire Group
- NY Power Authority
- Spruce Haven Farm
- United Helpers
- Veterans Affairs



1,311

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



2,736

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.

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.

174 districts share central business office staff or functions via BOCES.

2,173 colleges and universities have joined articulation agreements with BOCES CTE programs.

17,489 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:

- Claims Auditing
- Cooperative Purchasing
- Food Service Management
- Information Technology
- Medicaid Data Processing
- Printing Service
- Public Relations
- Safety & Risk Management
- Substitute Coordination

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

- Out-of-district Transportation
- Printing Courier
- Cooperative Fuel Purchasing
- Pharmacy Coalition
- Tax Billing
- Public Relations
- Adult Education



BOCES professional development workshops drew **214,577** attendees.



\$3.6 million

was saved by the 601 school districts participating in BOCES energy cooperatives.



More than **320**

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



More than **\$19.2 million**

in estimated savings through the 737 cooperative bids organized by BOCES in one year.

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 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.

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

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

As a result of the COVID-related school closures and school reopening plans, BOCES across the state contributed the following resources to their communities between mid-March and October 2020.



9,000

items and **319** cases of food were collected for local food banks by BOCES.

13

BOCES provided meals above and beyond what was required this past fall.

292,268

individual items, **806** boxes and **151** cases of facemasks and other PPE items were donated to medical facilities by BOCES.

652

BOCES staff members were trained to help area emergency response teams with things like contact tracing, call centers, testing and triage.

36

BOCES prepared resources for staff or students such as eBook resources or support training for video technology such as Zoom or WebEx.

22

BOCES assisted in designing and printing materials and absentee ballots during school elections.

More than
172,443

computers, tablets and laptops were purchased for BOCES and on behalf of their component districts as a result of reopening plans.

More than
5,804

professional development opportunities were offered to BOCES staff and their districts' staff members as a result of BOCES reopening plans.



About

5.1 million

meals were provided by BOCES food service management programs.



229

BOCES food pickup sites were available to families.



1,216,587

meals were delivered to families by BOCES staff.