

# Career and Technical Student Organizations



**Serving Career and Technical  
Education Students in Vermont**



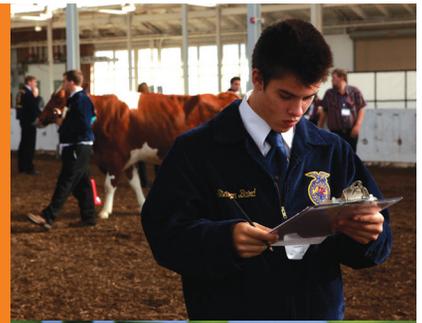
# Learning that works for America CTE™

Career and Technical Education (CTE) is helping our nation address key challenges such as workforce development, student achievement, economic vitality and global competitiveness.

Career and Technical Student Organizations (CTSOs) are key components to strong CTE programs. CTSOs integrate into CTE programs and courses and extend teaching and learning through innovative programs, business and community partnerships and leadership experiences at the school, state and national levels.

- CTSOs provide relevant, engaging programs that improve student achievement, reduce dropout rates and help students discover the wide range of career options available.
- CTSOs engage the community and local businesses to help students understand global competition and chart effective and efficient pathways through high school and postsecondary education for their personal success.
- CTSO programs, such as industry based competitive events and community service, provide students with the opportunity to develop 21<sup>st</sup> Century Skills focused on creativity, problem solving, teamwork and goal setting.
- CTSOs bring relevance to the classroom and prepare students to be college and career ready.

The impact that CTSOs make in our state is quite astonishing. We invite you to review this publication to see how Career and Technical Student Organizations are contributing to learning that works in our state.



# Vermont Fact Sheet

## CTE STATE OVERVIEW

At the secondary level, CTE is delivered through comprehensive high schools and regional career and technical centers, which provide supplemental CTE programs in a centralized location to students within a specific region.

At the postsecondary level, CTE is delivered through the Community College of Vermont (CCV), which has regional campuses throughout the state, and Vermont Technical College (VTC).



## CAREER AND TECHNICAL STUDENT ORGANIZATIONS IN VERMONT

Career and Technical Student Organizations extend Career and Technical Education in Vermont through networks of programs, business and community partnerships and leadership experiences at the school, state and national levels. Career and Technical Student Organizations provide Vermont students with opportunities to apply academic, technical and employability knowledge and skills necessary in today's workforce.

CTSOs serve a total of 74,288 Vermont students through DECA, FBLA, FCCLA, FEA, FFA, HOSA, SkillsUSA and TSA. For a report of CTSO participation by each school, please see the section in this document.

## PERKINS FUNDING

Vermont received \$4,214,921 for Fiscal Year 2013, the same funding as in 2012 and \$230,000 less than in 2010. Of funds distributed to local programs, 74 percent go to secondary recipients and 26 percent to postsecondary recipients.

**4,822**  
SECONDARY

**4,311**  
POSTSECONDARY

**97%**  
of CTE high school  
students graduated.

**94%**  
of CTE postsecondary  
students met performance  
goals for technical skills.

**72%**  
achieved an industry-  
recognized credential,  
certificate or degree.



# Learning that works.

## **Nine organizations. One common mission.**

Career and Technical Student Organizations (CTSOs) provide the American education system the tools to educate the student for college and careers in ways that are uniquely American. By integrating into Career and Technical Education programs and courses, CTSOs extend teaching and learning through networks of programs, business and community partnerships and leadership experiences at the school, state and national levels with different opportunities to learn academic, technical and employability skills, which American business and industry say are necessary in today's workforce.

## **Connecting classrooms to a large network.**

Each of the nine CTSOs focus on specific career fields and tailors their programing to the students, teachers and businesses in those fields. With its singular focus on a specific set of career areas (Career Clusters), each CTSO develops partnerships with business and industry, teachers and colleges and at the local, state and national levels that support and enhance student

development in unique ways.

Each organization operates independently with school-based chapters, state-based associations and national offices creating opportunities and experiences that a school or even a state could not achieve on their own.

At the national, state and local levels, CTSOs offer diverse programming that is designed to enhance classroom instruction and four common organizational goals: academic and career achievement, leadership development, professional development; and community service.

At the local level, CTSO chapters operate as in-school, co-curricular programs led by CTE teachers as advisers in middle schools, high schools and postsecondary institutions.

The U.S. Congress has specifically authorized CTSOs in the Perkins Act, and they operate as national not-for-profit organizations divided into state associations and local school chapters. Funds from the Perkins Act can be used to support local CTSOs.

## **Students are the core of each organization.**

Students participating in CTSOs learn

contextualized academic instruction and have the opportunity to work in settings where the career skills learned in the classroom can be utilized. Participation in a local chapter includes activities designed to expand students' leadership abilities, contextualize their academic instruction, encourage them to pursue their education and equip them with job-related skills in their career field of interest. Students are also able to develop leadership, teamwork, creativity and technical skills.

Students participate in local, state, national and international career-based competitions, aligned with state academic standards, designed to measure their academic understanding and skills development.

Scholarships and awards also encourage students to continue their career-path education and assume personal responsibility for their own career readiness.

By providing students with contextualized academic instruction and the opportunity to work in settings where the career skills learned in the classroom can be utilized, CTSOs effectively facilitate the development of students' academic, technical and employability skills.



## ACADEMIC AND TECHNICAL SKILLS

CTSOs apply learning through classroom activities and programs, such as competitive events, that provide unique opportunities to motivate students to demonstrate classroom instruction. CTSOs engage businesses in the education process to identify essential career ready skills.

## EMPLOYABILITY SKILLS

CTSOs create leaders through the development of 21<sup>st</sup> Century Skills such as creativity, problem solving, teamwork and goal setting.

## STUDENT, COMMUNITY AND BUSINESS ENGAGEMENT

CTSOs enhance student engagement by empowering them in classroom, community and career activities.

## EDUCATION ATTAINMENT

According to the National Research Center for Career and Technical Education, participating in leadership and professional development activities in a CTSO raises students' educational aspirations.

### Making an Impact

With more than 1.5 million student members combined, CTSOs have a definite impact on students' overall college and career readiness:



Students who participate in CTSOs demonstrate higher levels of academic engagement and motivation, civic engagement, career self-efficacy and employability skills than other students, and the more students participate in CTSO activities, the better the results.



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Students who participate in school organizations in 10th grade have higher high school grade point average and are more likely to be enrolled in college at 21 than other students.



## Career and Technical Student Organizations



The mission of Business Professionals of America is to contribute to the preparation of a world-class workforce through advancement of leadership, citizenship, academic and technological skills.  
■ [www.bpa.org](http://www.bpa.org)



DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe.  
■ [www.deca.org](http://www.deca.org)



Bringing business and education together in a positive working relationship through innovative leadership and career development programs.  
■ [www.fbلا.org](http://www.fbلا.org)



To promote personal growth and leadership development through Family and Consumer Sciences education. Focusing on the multiple roles of family member, wage earner and community leader, members develop skills for life through: character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation.  
■ [www.fcclainc.org](http://www.fcclainc.org)



The Future Educators Association (FEA), sponsored by PDK International, is a student organization that provides students interested in education-related careers with activities and materials that help them explore the teaching profession in a variety of ways.  
■ [www.futureeducators.org](http://www.futureeducators.org)



Making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agriculture education.  
■ [www.ffa.org](http://www.ffa.org)



The mission of HOSA is to enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science education students, therefore, helping the student meet the needs of the health care community.  
■ [www.hosa.org](http://www.hosa.org)



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel.  
■ [www.skillsusa.org](http://www.skillsusa.org)



The Technology Student Association fosters personal growth, leadership, and opportunities in technology, innovation, design, and engineering. Members apply and integrate science, technology, engineering and mathematics concepts through co-curricular activities, competitive events and related programs.  
■ [www.tsaweb.org](http://www.tsaweb.org)



## **ACADEMIC AND TECHNICAL SKILLS**

### **Align with National Curriculum Standards**

CTSO programs and activities, such as competitive events, are aligned with National Curriculum Standards in sixteen career clusters recognized by the U.S. Department of Education.

### **Integrate Into Classroom Instruction**

CTSO programs and activities are designed to provide authentic, experiential application of essential skills and knowledge obtained through classroom instruction.

### **Industry Validated**

The sixteen career clusters and their National Curriculum Standards are based on research conducted by and through industries associated with each career cluster.

### **Assess Classroom Learning**

CTSOs use a variety of assessment models that are reflective of industry practices. Each requires the student to apply the knowledge and skills learned in the classroom to industry situations through a variety of assessment techniques such as comprehensive exams, role-plays, presentations, demonstrations and case-studies.



## **EMPLOYABILITY SKILLS**

### **Support 21<sup>st</sup> Century Skills**

CTSO programs and activities develop 21<sup>st</sup> Century Skills such as collaboration, communications, critical thinking and creativity.

### **Preparing Future Leaders**

CTSO programs and activities provide students with opportunities to assume leadership roles and encourage them to be active citizens.

### **Emerging Technology**

CTSOs keep students at the forefront of technology by ensuring classrooms are up-to-date with the latest productivity-enhancing tools, equipment and curriculum.

## STUDENT, COMMUNITY AND BUSINESS ENGAGEMENT

### Creating Small Learning Communities

As an example of a highly-effective small learning community, CTSOs bring together students with similar interests and foster a collaborative environment.

### Making A Difference In The Community

CTSOs provide students opportunities to develop and participate in community service projects that help them recognize the power they have to make a difference in their communities.

### Mentoring Tomorrow's Workforce

CTSO students learn important skills through business and industry partners who serve as mentors through various CTSO programs and activities.

## EDUCATION ATTAINMENT

### Reaching Goals

CTSOs are the premier example of maximizing student engagement with academic classroom activities to lead to success in college and careers.

### Supporting a Program of Study

Career and Technical Education's success lies in its ability to provide rigorous programs of study, relevant knowledge and the ability to develop meaningful and effective relationships.

### Enriching Career Opportunities

CTSO programs and activities provide students a clearer idea about their future career path thus engaging them in relevant coursework and co-curricular activities.

### Engaging All Students

Regardless of learning style or scholastic aptitude, CTSOs engage all students in the learning process and give them an experience in school that will create a positive impact in their learning process.



## Business Partnerships

Career and Technical Student Organizations (CTSOs) engage businesses and industry at the national, state, and local levels. This involvement shows educators and students alike that business cares about their future and helps ensure that education experiences are aligned to the needs of business. Among the nine CTSOs more than 1,000 businesses are actively involved in a variety of ways. Some of the CTSO's major partners are below.





# Vermont CTSO Directory





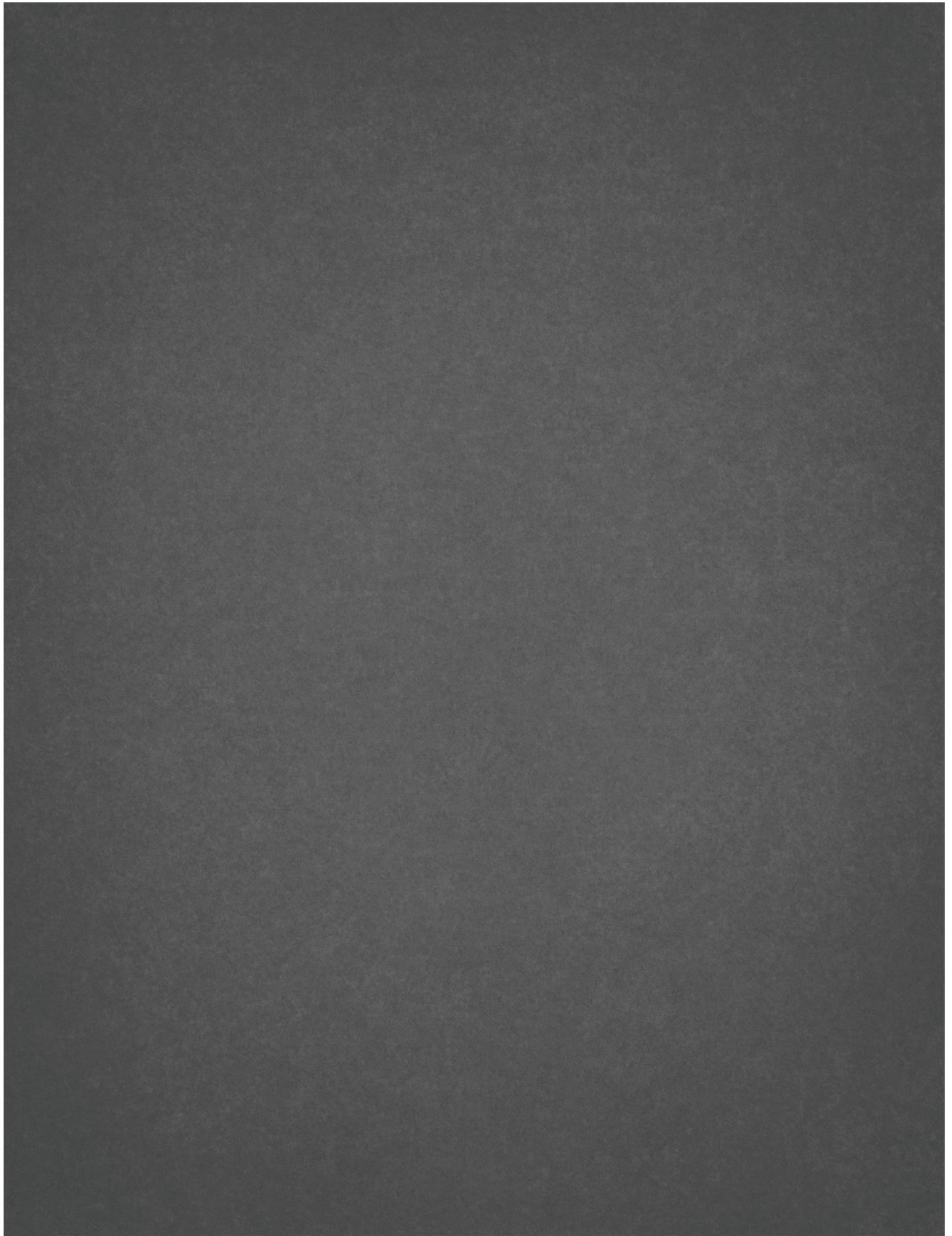
# Career and Technical Student Organizations

## VERMONT

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Barre Technical Center	Barre	26								•	
Bellows Free Academy	Sain Albans	25									•
Burlington High School	Burlington	11									•
Burlington Technical Center	Burlington	137								•	
Castleton State College	Castleton	1			•						
Center For Technology	Essex Junction	168								•	
Center for Technology Essex	Northfield	1			•						
Champlain Valley Union High School	Hinesburg	28			•						
Cold Hollow Career Center	Enosburg Falls	31								•	
Enosburg High School	Enosburg Fls	1						•			
Essex Technical Center	Essex Jct	4						•			
Green Mountain Technology and Career Center	Hyde Park	68								•	
Hannaford Career Center	Middlebury	25								•	
Hartford Area Career and Technology High School	White River Junction	21		•							
Hartford Career Technical Center	Wht River Jct	26						•			
Hartford Memorial Middle School	White River Junction	19									•
Hartford Technical Center	White River Junction	63								•	
Harwood Union High School	South Duxbury	24			•						
Hazen Forestry At GMTC	Hardwick	0						•			
Lake Region Union High School	Orleans	6			•			•			
Lamoille Union High School	Hyde Park	4		•							
Lyndon Institute	Lyndon Center	12								•	
Middlebury Union High School	Middlebury	0						•			
Missisquoi Valley	Swanton	123						•			
Mt. Abraham	Middlebury	0						•			
North Country Career Center High School	Newport	110		•				•		•	
North Country Union High School	Newport	7			•						
Northwest Technical Center	Saint Albans	92		•						•	
Randolph Area Vocational Technology	Randolph	0						•			
Randolph Technical Career Center High School	Randolph	20		•							
River Bend	Bradford	12						•			

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
River Bend Career and Technical Center	Bradford	24								•	
River Valley Technical Center	Springfield	0						•			
River Valley Technical Center	Springfield	71		•						•	
S VT Car Dev	Bennington	0						•			
Saint Johnsbury Academy	Saint Johnsbury	60			•					•	
SkillsUSA Vermont State Office	Burlington	1								•	
South Burlington High School	South Burlington	64		•						•	
Southwest Vermont Career Development Center	Bennington	22			•						
Southwest Vermont CDC High School	Bennington	15		•							
Southwest VT Career Development Center	Bennington	56								•	
St. Johnsbury	St Johnsbury	0						•			
Stafford Technical Center	Rutland	84		•				•		•	
Stafford TechnologyHuman Services	Rutland	15				•					
Vergennes Union High School	Vergennes	0						•			
Vermont	White River Junction	48							•		
Vermont Association	Norwich	0						•			
Vermont High School	St. Johnsbury	9		•							
Windham Regional	Brattleboro	21						•			
Windham Regional Career Center	Brattleboro	46			•						
Woodstock Union High School	Woodstock	0						•			







NATIONAL COORDINATING COUNCIL

# Career and Technical Student Organizations

