

Career and Technical Student Organizations



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



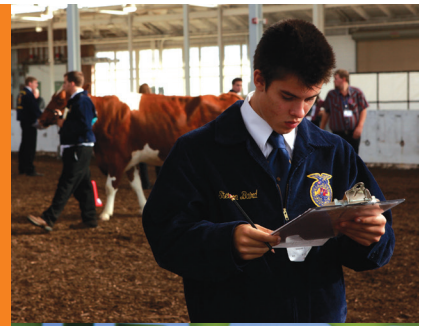
Learning that works for America CTE™

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 21st 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.



Massachusetts Fact Sheet

CTE STATE OVERVIEW

At the secondary level, CTE programs are delivered in a number of ways: comprehensive high schools; regional vocational-technical high schools, which teach core academic subjects in the context of a multitude of specific career fields; regional academic schools, which are comprehensive high schools that serve students from multiple towns; county agricultural schools, which teach core academic subjects in the context of agricultural career fields; independent vocational and agricultural schools, which are open to students statewide; and educational collaboratives, which are partnerships between school districts that work to provide a broad range of innovative programming to meet emerging needs.

At the postsecondary level, Massachusetts Community Colleges offer open access to high-quality, affordable academic programs, including associate degree and certificate programs.



CAREER AND TECHNICAL STUDENT ORGANIZATIONS IN MASSACHUSETTS

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

CTSOs serve a total of 74,288 Massachusetts 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

Massachusetts received \$17,323,922 for Fiscal Year 2013, \$500,000 less than in 2012 and \$3.2 million less than in 2010. Of funds distributed to local recipients, 70 percent go to secondary programs and 30 percent to postsecondary programs.

57,696
SECONDARY

61,314
POSTSECONDARY

89%
of CTE high school students graduated.

96%
went on to postsecondary education, the workforce or the military.

82%
of CTE postsecondary students met performance goals for technical skills.

70%
remained enrolled or transferred to another postsecondary institution.



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 21st 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:



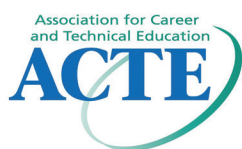
Students who participate in CTSOs demonstrate higher levels of academic engagement and motivation, civic engagement, career self-efficacy and employability skills than other students, and the more students participate in CTSO activities, the better the results.



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.



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



DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe.
■ www.deca.org



Bringing business and education together in a positive working relationship through innovative leadership and career development programs.
■ 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



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



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



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



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



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



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 21st Century Skills

CTSO programs and activities develop 21st 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.





Massachusetts CTSO Directory





Career and Technical Student Organizations

MASSACHUSETTS

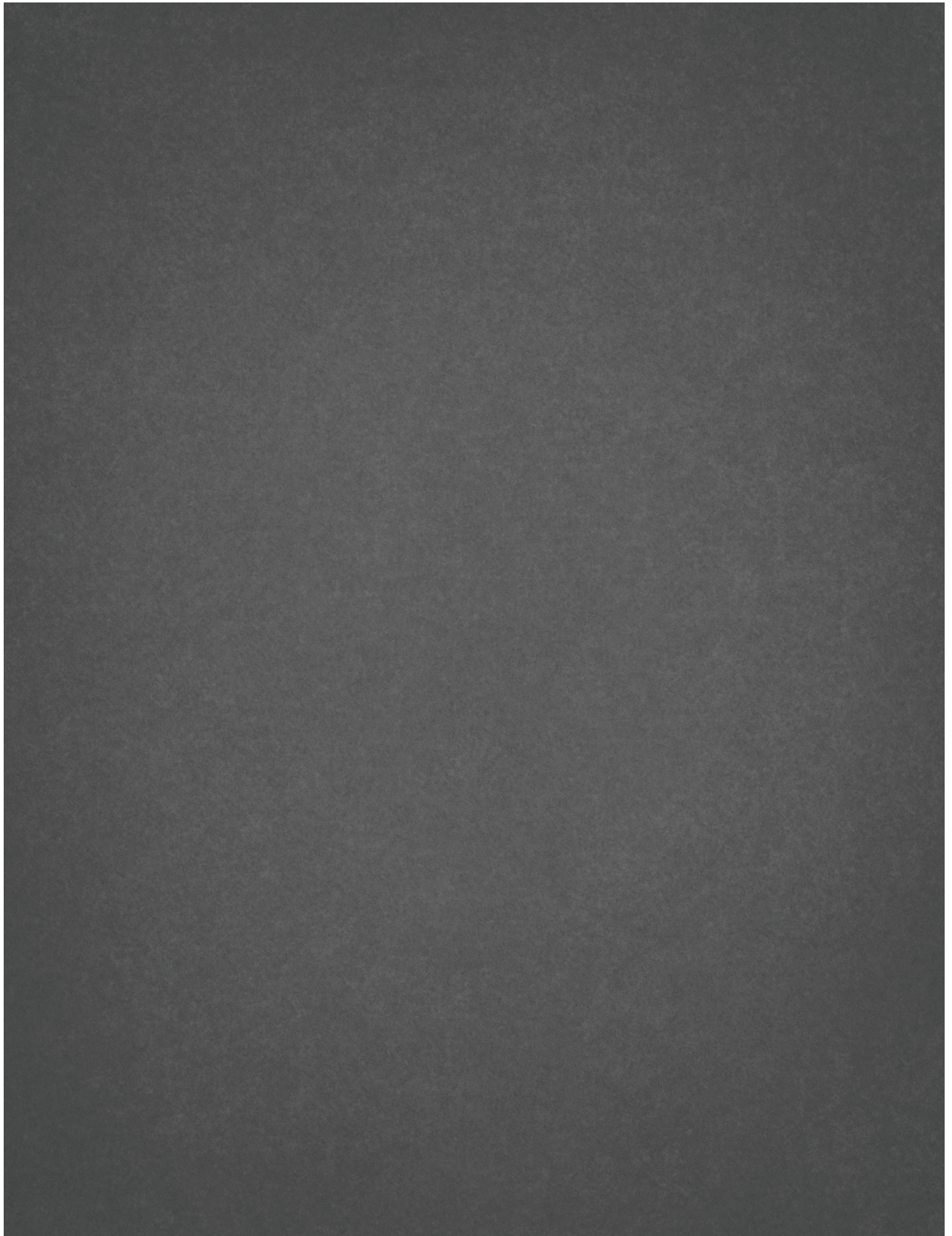
		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
CONGRESSIONAL DISTRICT 1											
Bay Path Regional Vocational Technical High School	Charlton	26		•							
Bay Path RVT High School	Charlton	1096								•	
Career and Technology EDUC Center	Chicopee	30						•			
Chicopee Comprehensive High School	Chicopee	56								•	
High School of Science and Technology	Springfield	29							•		
Holyoke Community College	Holyoke	12							•		
Holyoke/Springfield Technical Community College	springfield	11							•		
Longmeadow High School	Longmeadow	25	•								
Lower Pioneer Valley Career and Technical Center	West Springfield	412								•	
Lower Pioneer Valley Career Tec	West Springfield	15	•								
Lower Pioneer Valley Education Center High School	West Springfield	20		•							
McCann Technical High School	North Adams	577								•	
McCann Technical School	North Adams	24	•								
Monument MT Reg High School	Great Barrington	19						•			
Mt. Everett Regional	Sheffield	19						•			
Pathfinder Reg Vocational Technology	Palmer	52						•			
Pathfinder Vo Technology	Palmer	104								•	
Pioneer Valley Ahec	Springfield	35							•		
Putnam Vo Technology High School	Springfield	1431								•	
R L Putnam	Springfield	35						•			
Taconic High School	Pittsfield	46	•								
Tantasqua Regional High School	Fiskdale	250								•	
Westfield Vocational Technology High School	Westfield	0						•			
CONGRESSIONAL DISTRICT 2											
Algonquin Regional High School	Northborough	301		•							
Bartlett High School	Webster	16		•							
Blackstone Valley Reg Vocational Technology High School	Upton	32		•							

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Blackstone Valley RVTHS	Upton	857								•	
Franklin County Technical Center	Turners Falls	72	•					•			
Franklin County Technology	Turners Falls	400								•	
Grafton High School	Grafton	46		•		•					
Leominster Center For Technology Education	Leominster	52								•	
MassAHEC Network	Shrewsbury	15							•		
Millbury Memorial High School	Millbury	5			•						
Nipmuc Regional High School	Upton	202		•							
Northbridge High School	Whitinsville	42		•							
Quabbin Regional High School	Barre	42							•		
Smith Agricultural High School	Northampton	95						•			
Smith Vocational and Agricultural High School	Northampton	487								•	
University Of Massachusetts	Amherst	0						•			
Wachusett Regional High School	Holden	114	•	•					•		
West Boylston High School	West Boylston	28		•							
Worcester North High School	Worcester	83							•		
Worcester Technical High School	Worcester	108		•							
Worcester Technology High School	Worcester	25							•		
Worcester Vo Technology High School	Worcester	81								•	
CONGRESSIONAL DISTRICT 3											
Andover High School	Andover	65		•							
Assabet Valley Regional Technology High School	Marlborough	1073	•							••	
Boston Ahec - a	a	8							•		
Chelmsford High School	Chelmsford	111		•							
Dracut High School	Dracut	47		•							
Fitchburg - a High School	a	10							•		
Fitchburg High School	Fitchburg	34							•		
Greater Lawrence Technical Center	Andover	41		•							
Greater Lawrence Technology High School	Andover	902								•	
Greater Lowell Technical High School	Tyngsboro	66	•	•							
Greater Lowell Technology High School	Tyngsboro	1556							•	••	
Hudson High School	Hudson	25	•								
Lowell High School	Lowell	135	•	•					•		
Marlborough High School	Marlborough	56	•								
Massachusetts State Alumni	Marlborough	18	•								
Massasoit Community College		1		•							
Medford Vocational - a High School	a	8							•		
Methuen High School	Methuen	45		•							

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Montachusett Regional Vo Technology	Fitchburg	1419								••	
Nashoba Regional High School	Bolton	79		•							
Nashoba Valley Technical High School	Westford	15		•							
Nashoba Valley Technology High School	Westford	93								•	
Tec Voc High School	Winnipeg	6		•							
Westford Academy High School	Westford	263		•			•				
Whittier Regional Vocational Technical High School	Haverhill	952								•	
CONGRESSIONAL DISTRICT 4											
Apponequet High School	Lakeville	212		•							
Attleboro Middle School	Attleboro	35								•	
B M C Durfee High School	Fall River	202								•	
Boston College	Chestnut Hill	9							•		
Bristol Community College	Fall River	14								•	
Bristol County Agri High School	Dighton	447						•			
Bristol Plymouth RTS	Taunton	1252								••	
Bristol Plymouth Technical School	Taunton	79	•								
Bristol Plymouth Technology High School	Taunton	59							•		
Dighton Rehoboth High School	North Dighton	262		•						•	
Diman RVTHS	Fall River	1479								••	
Franklin High School	Franklin	47		•							
Hopedale High School	Hopedale	19		•							
Joseph Case High School	Swansea	18				•					
King Philip Reg High School	Wrentham	108		•							
Mount Ida College	Newton	10		•							
Newton North High School	Newton	5			•						
Norton High School	Norton	77		•							
Oliver Ames High School	North Easton	79		•							
SkillsUSA Massachusetts State Office	South Easton	7								•	
Somerset Berkley Regional High School	Somerset	72		•							
Southeastern Reg Voc High School	South Easton	50		•							
Southeastern Technical High School	South Easton	935								•	
Taunton High School	Taunton	114		•							
Tri County RVTS	Franklin	1056								••	
CONGRESSIONAL DISTRICT 5											
Belmont High School	Belmont	22			•						
J P Keefe Technology High School	Framingham	485								•	
Joseph P Keefe Technical High School	Framingham	41	•								

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Massachusetts Admin	Framingham	19	•								
Massachusetts Virtual	Marlborough	21	•								
Medford Vocational High School	Medford	15							•		
Minuteman Reg Voc High School	Lexington	13						•			
Minuteman Regional High School	Lexington	18		•							
Minuteman RHS	Lexington	756								•	
Natick High School	Natick	27	•								
Rindge School of Technical Arts	Cambridge	272								•	
S Middlesex Reg Vo Technology High School	Framingham	15						•			
Stoneham High School	Stoneham	10		•							
Weston High School	Weston	30		•							
CONGRESSIONAL DISTRICT 6											
Beverly High School	Beverly	143		•							
Billerica High School	Billerica	169		•							
Billerica Memorial High School	Billerica	1					•				
Burlington High School	Burlington	20		•							
Collins Middle School	Salem	3				•					
Danvers High School	Danvers	195		•							
Endicott College	Beverly	22		•							
Essex Ag and TechnologyINST Chapt	Hathorne	482						•			
Georgetown High School	Georgetown	41		•							
Gloucester High School	Gloucester	60		•							
Lynn Vo TechnologyInstitute	Lynn	23								•	
Manchester Essex Reg High School	Manchester	41		•							
Masconomet Regional School	Topsfield	38			•						
North Andover High School	North Andover	85		•							
Northeast Metropolitan Reg Voc High School	Wakefield	145								•	
Northshore RVTHS	Middleton	346								•	
Peabody Veterans High School	Peabody	127		•							
Rockport High School	Rockport	149		•							
Salem High School	Salem	147								•	
Shawsheen High School	Billerica	1339								••	
Tewksbury Memorial High School	Tewksbury	120		•							
Triton Regional High School	Byfield	30		•							
Wilmington High School	Wilmington	91		•							
CONGRESSIONAL DISTRICT 7											
Bay State College	Boston	19		•							
Boston Ahec	Boston	10							•		
Brighton High School	Brighton	21							•		

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Bunker Hill Community College	Chelsea	27							•		
Churchill County High School	Brighton	1			•						
Madison Park TechnologyVocational High School	Boston	876								•	
Mass Alumni High School	Boston	6		•							
Massachusetts FBL/PRF	Boston	2			•						
Somerville High School	Somerville	38		•							
CONGRESSIONAL DISTRICT 8											
Blue Hills Regional Technology High School	Canton	862								•	
Brockton High School	Brockton	79		•					•		
Codman Academy	Dorchester	14							•		
Divine Faxon Subscription County	Westwood	0						•			
Massachusetts Assn	Walpole	0						•			
Norfolk County Ag School	Walpole	481						•			
Quincy High School	Quincy	44								•	
Scituate High School	Scituate	45		•							
Stoughton High School	Stoughton	64		•							
Weymouth High School	Weymouth	20		•							
Weymouth Vo Technology High School	South Weymouth	112								•	
Whitman Hanson High School	Whitman	110		•							
CONGRESSIONAL DISTRICT 9											
Cape Cod RG TCH High School	Harwich	39						•			
Cape Cod Technology	Harwich	710								•	
Dartmouth High School	Dartmouth	52		•							
Greater New Bedford RVTHS	New Bedford	2162								••	
Greater New Bedford Vocational Technical High School	New Bedford	183	•								
Marshfield High School	Marshfield	71		•							
Mashpee High School	Mashpee	56							•		
Old Colony RVTHS	Rochester	602								•	
Pembroke High School	Pembroke	41		•							
Plymouth North High School	Plymouth	133		•							
Plymouth South High School	Plymouth	604		•						•	
Silver Lake Reg High School	Kingston	17						•			
South Shore Regional Technical	Hanover	21	•								
South Shore Vo Technology High School	Hanover	361								•	
University of Massachusetts Dartmouth Charlton Col College	North Dartmouth	35		•							
Upper Cape Regional	Bourne	742								•	
Upper Cape TechnologyCHAPTER	Bourne	34						•			





NATIONAL COORDINATING COUNCIL

Career and Technical Student Organizations

