

# Career and Technical Student Organizations



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



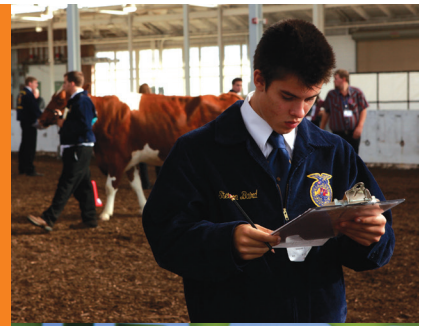
# Learning that works for America CTE™

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.



# Maryland Fact Sheet

## CTE STATE OVERVIEW

At the secondary level, CTE is delivered through comprehensive high schools; career and technology high schools that teach core academics in the context of specific career pathways; and CTE centers, which serve students from multiple sending schools and allow them to enhance their academic studies with specialized training in competitive fields.

At the postsecondary level, CTE is offered through public community colleges, apprenticeship programs and private career colleges.



**116,144**  
SECONDARY

**71,511**  
POSTSECONDARY

**95%**  
of CTE high school  
students graduated.

**88%**  
met performance goals for  
mathematics skills.

**85%**  
met performance goals  
for reading/language arts  
skills.

**92%**  
of CTE postsecondary  
students met performance  
goals for technical skills.

## CAREER AND TECHNICAL STUDENT ORGANIZATIONS IN MARYLAND

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

CTSOs serve a total of 74,288 Maryland 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

Maryland received \$14,812,307 for Fiscal Year 2013, \$700,000 less than in 2012 and \$3.6 million less than in 2010. Of funds distributed to local recipients, 65 percent are allocated for secondary programs and 35 percent for postsecondary programs.



# 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:



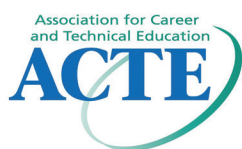
Students who participate in CTSOs demonstrate higher levels of academic engagement and motivation, civic engagement, career self-efficacy and employability skills than other students, and the more students participate in CTSO activities, the better the results.



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



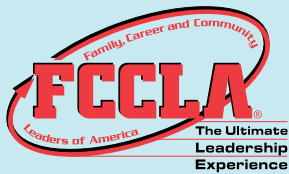
The mission of Business Professionals of America is to contribute to the preparation of a world-class workforce through advancement of leadership, citizenship, academic and technological skills.  
■ [www.bpa.org](http://www.bpa.org)



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.





# Maryland CTSO Directory





# Career and Technical Student Organizations

## MARYLAND

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
<b>CONGRESSIONAL DISTRICT 1</b>											
Bel Air High School	Bel Air	39		•	•						
Bohemia Manor High School	Chesapeake City	22			•						
Bohemia Manor Middle School	Chesapeake City	6							•		
C Milton Wright High School	Bel Air	39					•				
Caroline County Career and Technical Center	Ridgely	18								•	
Caroline County Career Technical Center	Ridgely	31						•			
CCPS Nehs	Elkton	2			•						
Cecil County School of Technology	North East	80			•			•		•	
Colonel Richardson High School	Federsburg	35			•						
Dorchester County School of Technology	Cambridge	27								•	
Easton High School	Easton	47						•		•	
Elkton High School	Elkton	30			•						
Fallston High School	Fallston	53		•	•						
General Dynamics	North East	1			•						
Harford Technology High School	Bel Air	353						•		•	
J M Tawes Somerset Technical Center	Westover	0						•			
J M Tawes Technology and Career Center	Westover	38					•			•	
James M Bennett High School	Salisbury	18			•						
Kent County High School	Worton	32						•			
Kent Island High School	Stevensville	30			•						
Manchester Valley High School	Manchester	89			•		•	•			
North Caroline High School	Ridgely	34			•		•				
North Carroll High School	Hampstead	53					•	•			
North East High School	Elkton	127			•						
North Harford High School	Pylesville	136			•			•			
Parkside Cte High School	Salisbury	162								•	
Parkside High School	Salisbury	0						•			
Patterson Mill High School	Bel Air	71		•			•				
Perry Hall High School	Baltimore	41			•						•
Queen Anne's County High School	Centreville	63			•					•	

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Queen ANNE'S High School	Centreville	46						•			
River Hill High School	Clarksville	1			•						
Salisbury University	Salisbury	17			•						
University of Maryland Eastern	Princess Anne	17			•						
Washington College	Chestertown	39							•		
Worcester Technical High School	Newark	38						•			
Worcester Technical High School	Bishopville	171			•					•	
<b>CONGRESSIONAL DISTRICT 2</b>											
Aberdeen High School	Aberdeen	12		•			•				
Ahs	Aberdeen	58				•					
Baltimore City Community College	Baltimore	1			•						
Baltimore County Public	Abingdon	7			•						
Berkeley College of Business	Owings Mills	1			•						
Carmax	White Marsh	1			•						
Carver Center for Arts and Technology	Towson	44			•						
Chesapeake High School	Baltimore	47		•	•		•				•
Department of Defense	Pikesville	1			•						
Dulaney High School	Timonium	35			•					•	
Dundalk High School	Baltimore	17			•		•				
Eastern Technical High School	Baltimore	137			•		•			•	
Edgewood High School	Edgewood	53			•						
Holabird Middle School	Baltimore	14					•				
Joppatowne High School	Joppatowne	8			•						
Kenwood High School	Essex	35			•		•				
Loch Raven High School	Baltimore	17			•						
Meade High School	Fort Meade	13			•						
North County High School	Baltimore	1			•						
Old Mill High School	Baltimore	1			•						
Overlea High School	Baltimore	34		•	•						
Owings Mills High School	Baltimore	36			•						•
Patapsco High School	Baltimore	23			•						
Perry Hall Middle School	Baltimore	10									•
Randallstown High School	Abingdon	50			•						
Ridgely Middle School	Lutherville	8					•				
Sollers Point Technical High School	Baltimore	74			•					•	
Sparrows Point High School	Baltimore	16			•						
<b>CONGRESSIONAL DISTRICT 3</b>											
Anne Arundel County Public	Glen Burnie	1			•						
Baltimore International College	Baltimore	1			•						
Chesapeake High School	Halethorpe	28			•						
Chopticon High School	Baltimore	3			•						

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Digital Harbor # High School	Baltimore	14								•	
Digital Harbor High School	Baltimore	10					•				
Division of Labor, Licensing, and Regulation	Glen Burnie	1			•						
Dumbarton Middle School	Baltimore	4					•				
Garrett College		1		•							
Hammond High School	Columbia	53			•		•				•
Lansdowne High School	Baltimore	7			•			•			
Long Reach High School	Columbia	4					•				
North County High School	Glen Burnie	31			•						
Northern High School	Annapolis	1			•						
Oakland Mills High School	Columbia	17		•							
Old Mill High School	Millersville	31			•						
Old Mill Sr High School	Millersville	12									•
Our Lady of Good Counsel	Olney	11			•						
Parkville High School	Parkville	10									•
Patterson High School	Baltimore	37		•						•	
Phoenix Center High School	Annapolis	6		•							
Reservoir High School	Fulton	118		•							
River Hill High School	Clarksville	41		•	•		•				
Sherwood High School	Sandy Spring	34					•				
Stevenson University	Owings Mills	18			•						
<b>CONGRESSIONAL DISTRICT 4</b>											
A Beka Homeschool Academy	Upper Marlboro	3			•						
Academy of Finance and Business	Bowie	1			•						
Annapolis High School	Annapolis	7			•						
Arundel High School	Gambrills	53			•		•				
Bladensburg High School	Bladensburg	26			•					•	
Calvert County Public	District Heights	1			•						
Center Of Applied Technology	Severn	0						•			
Center of Applied TechnologyNorth	Severn	438								•	
Charles H Flowers High School	Springdale	34			•						
Chesapeake High School	Adelphi	1			•						
Clear Spring High School	Laurel	1			•						
Crossland Vo Technology	Temple Hills	56								•	
DC Public	Camp Springs	1			•						
Dr Henry A Wise Middle School	Upper Marlboro	53			•						
Frederick Douglass High School	Landover	1			•						
High Point High School	Beltsville	14			•						
Largo High School	Largo	52			•						
Maryland PBL	Pasadena	1			•						
Northeast High School	Pasadena	23			•						
Northern High School	Camp Springs	1			•						

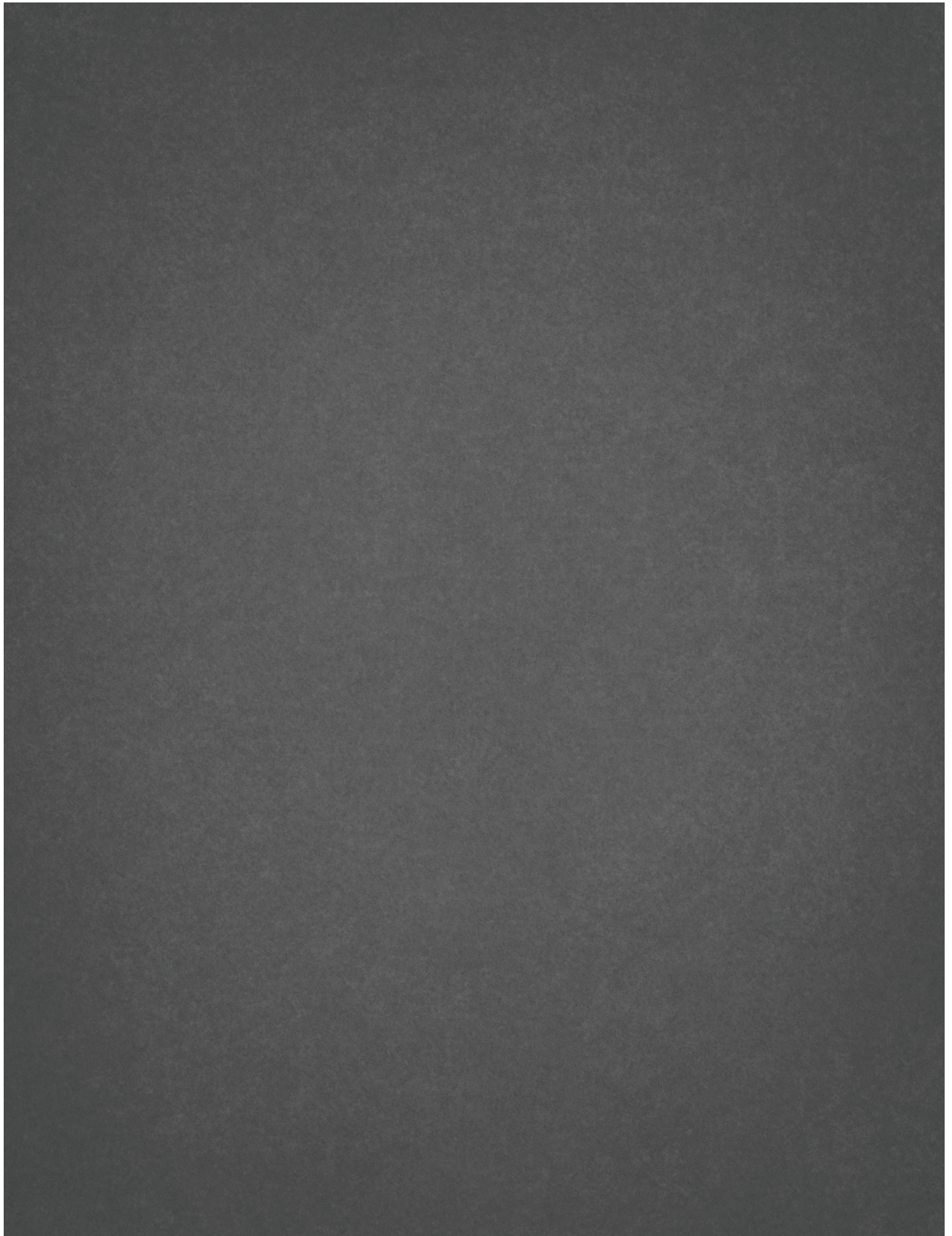
		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Old Mill High School	Pasadena	1			•						
Oxon Hill High School	Oxon Hill	42			•						
Potomac High School	Oxon Hill	10			•						
Severna Park High School	Severna Park	54		•							
Suitland Vo Technology High School	Forestville	4								•	
<b>CONGRESSIONAL DISTRICT 5</b>											
Benjamin Stoddert Middle School	Waldorf	4					•				
Calvert Career and Technology Academy	Prince Frederick	570								•	
Calvert County Public	Huntingtown	3			•						
Calvert County Public School	Waldorf	1			•						
Calvert High School	Prince Frederick	19			•						
Center for Vein Restoration	Huntingtown	1			•						
Center of Applied Technology South	Edgewater	167								•	
Charles County	Waldorf	1			•						
Chopticon High School	Morganza	177			•		•				
Cycos Motorcycle	Dunkirk	1			•						
DCS Corporation	Nanjemay	1			•						
Dod	Prince Frederick	1			•						
Douglass H S	Upper Marlboro	10									•
Dr James A Forrest Career and Technical Center	Leonardtown	388								•	
Eleanor Roosevelt High School	Greenbelt	38			•						•
Esperanza Middle School	Lexington Park	1					•				
Forrest Center	Leonardtown	11						•			
Frederick Douglass High School	Upper Marlboro	1			•						
General Smallwood Middle School	Indian Head	6					•				
Gwynn Park High School	Brandywine	14			•		•				
Henry E Lackey High School	Indian Head	30					•				
Huntingtown High School	Huntingtown	99			•		•				
John Hanson Middle School	Waldorf	13					•				
La Plata High School	La Plata	19					•				
Leonardtown High School	California	17			•						
Margaret Brent Middle School	Mechanicville	9					•				
Mattawoman Middle School	Waldorf	7					•				
Matthew Henson Middle School	Indian Head	16					•				
Maurice J McDonough High School	Pomfret	17					•				
McDonough High School	Pomfret	10			•						
Milton M Somers Middle School	La Plata	26					•				
North Carolina Central University	Brandywine	1			•						
North Carolina PBL/PRF	Callaway	1			•						

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
North Point For Sti High School	Waldorf	259								•	
North Point High School	Waldorf	65			•		•				
Northern High School	Chesapeake Beach	114			•						
Patuxent High School	Lexington Park	22			•						
Piccowaxen Middle School	Newburg	15					•				
River Hill High School	Riverdale	1			•						
Saint Mary's Ryken High School	California	35			•						
South River High School	Edgewater	18		•							
Stethem Center	Pomfret	12						•			
Thomas Stone High School	Waldorf	15					•				
Wayne Community College	Callaway	1			•						
Westlake High School	Waldorf	16					•				
<b>CONGRESSIONAL DISTRICT 6</b>											
Allegany College of Maryland	Cumberland	8			•						
Allegany High School	Cumberland	26			•						
Boonsboro High School	Boonsboro	97			•		•	•			
Brunswick High School	Brunswick	38						•			
Center for Career and Technical Education	Cresaptown	25			•						
Center For Career and Technology Education	Cresaptown	142								•	
Clear Spring High School	Clear Spring	166			•		•	•			
Fort Hill High School	Cumberland	51						•			
Frederick County Career and Technical Center	Frederick	679								•	
Frederick County Career Technical Center	Frederick	14						•			
Frederick Cty Career Center I High School	Frederick	7		•							
Frederick High School	Frederick	117						•			
Gaithersburg High School	Gaithersburg	0						•			
Hagerstown Community College	Hagerstown	80			•		•				
North High School	Hagerstown	22					•				
Northern Garrett County High School	Accident	65						•			
Poolesville High School	Poolesville	16			•						
Quince Orchard High School	Gaithersburg	6					•				
Smithsburg High School	Smithsburg	53			•			•			
South High School	Hagerstown	15			•						
Southern Garrett County High School	Oakland	39						•			
Southern Garrett High School	Oakland	12								•	
Tuscarora High School	Frederick	45			•			•			
Urbana High School	Ijamsville	39					•	•			
Washington County Board of Education	Hagerstown	1			•						



		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Washington County Technology High School	Hagerstown	479								•	
Williamsport High School	Williamsport	0						•			
<b>CONGRESSIONAL DISTRICT 7</b>											
Applications and Research Laboratory	Ellicott City	15								•	
Atholton High School	Columbia	133			•		•				
Baltimore County Public	Baltimore	1			•						
Career Academy	Baltimore	6								•	
Carver Vo Technology High School	Baltimore	37								•	
Catonsville High School	Baltimore	23			•		•				
Centennial High School	Ellicott City	17			•						
Edmondson Westside High School	Baltimore	22								•	
Forest Park High School	Baltimore	13			•						
Frederick Douglass High School	Baltimore	14								•	
Glenelg High School	Glenelg	62		•	•						
Hereford High School	Parkton	178			•			•			
Hereford Middle School	Monkton	10						•			•
Howard High School	Ellicott City	17					•				
Marriotts Ridge High School	Ellicott City	73			•		•				
Maryland Association	Baltimore	0						•			
Mercy Hospital	Baltimore	1			•						
Mergenthaler Vo Technology	Baltimore	50								•	
Mount Hebron High School	Ellicott City	31			•						
North East High School	Baltimore	1			•						
River Hill High School	Catonsville	13			•						
SkillsUSA Maryland State Office	Baltimore	7								•	
Western Middle School	Baltimore	22								•	
Western School of Technology and Environ Science	Baltimore	22			•						
Woodlawn High School	Baltimore	41		•	•						
<b>CONGRESSIONAL DISTRICT 8</b>											
Carroll County Career and Technical Center	Westminster	107								•	
Catoctin High School	Thurmont	153			•			•			
Century High School	Sykesville	49			•		•	•			
Chesapeake High School	Eldersburg	1			•						
Damascus High School	Damascus	77						•		•	
Francis Scott Key High School	Union Bridge	83						•			
James Hubert Blake High School	Silver Spring	12					•				
Liberty High School	Sykesville	30						•			
Linganore High School	Frederick	150						•			
Middletown High School	Middletown	192			•			•			







NATIONAL COORDINATING COUNCIL

# Career and Technical Student Organizations

