

Career and Technical Student Organizations



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



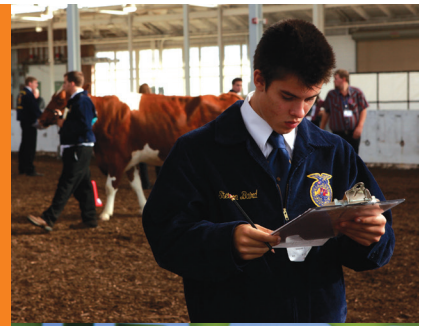
Learning that works for America CTE™

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.



Alaska Fact Sheet

CTE STATE OVERVIEW

At the secondary level, CTE is delivered through comprehensive high schools; area technology centers, which provide supplemental CTE programs to both high-school-enrolled youths and adults; and skills centers, which prepare juvenile and adult inmates for success in the workplace and in the community. At the postsecondary level, CTE is delivered through the state's community and technical colleges and area technology centers, which provide CTE programs on the high school and postsecondary levels. Adults in the correctional system also receive education and training through skills centers.



CAREER AND TECHNICAL STUDENT ORGANIZATIONS IN ALASKA

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

CTSOs serve a total of 74,288 Alaska 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

Alaska received \$15,094,180 for Fiscal Year 2012, the same as in 2011 and \$1.6 million less than in 2010. Of funds distributed to local recipients, 86 percent go to secondary programs and 14 percent to postsecondary.

148,831
SECONDARY

354,949
POSTSECONDARY

86%
of CTE high school
students graduated.

81%
met performance goals
for reading/language arts
skills.

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

73%
met performance goals
for retention in college/
transfer to another
college.



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:



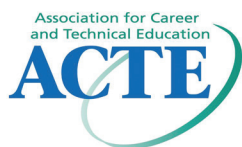
Students who participate in CTSOs demonstrate higher levels of academic engagement and motivation, civic engagement, career self-efficacy and employability skills than other students, and the more students participate in CTSO activities, the better the results.



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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



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

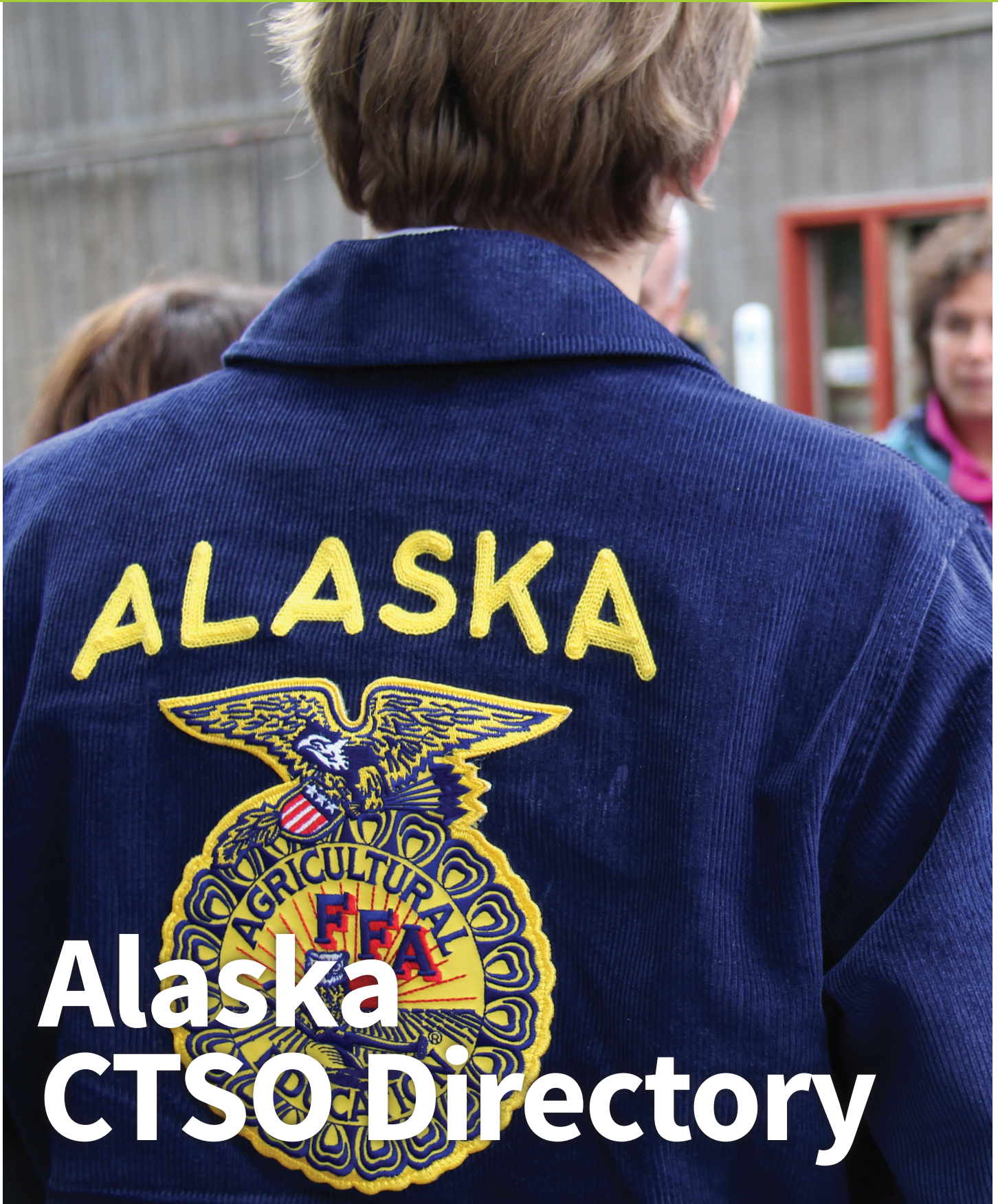
Regardless of learning style or scholastic aptitude, CTSOs engage all students in the learning process and give them an experience in school that will create a positive impact in their learning process.



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.





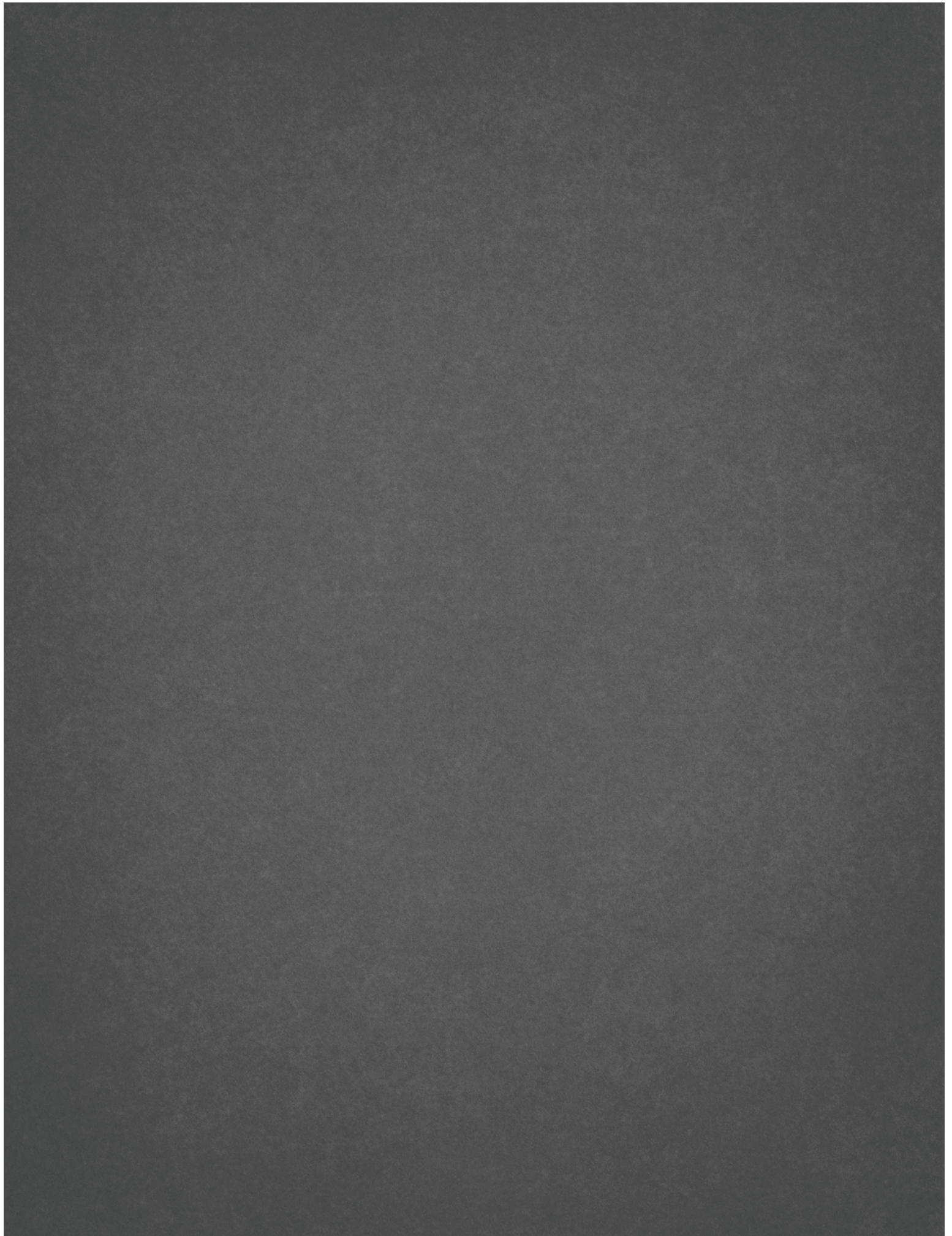
Alaska CTSO Directory

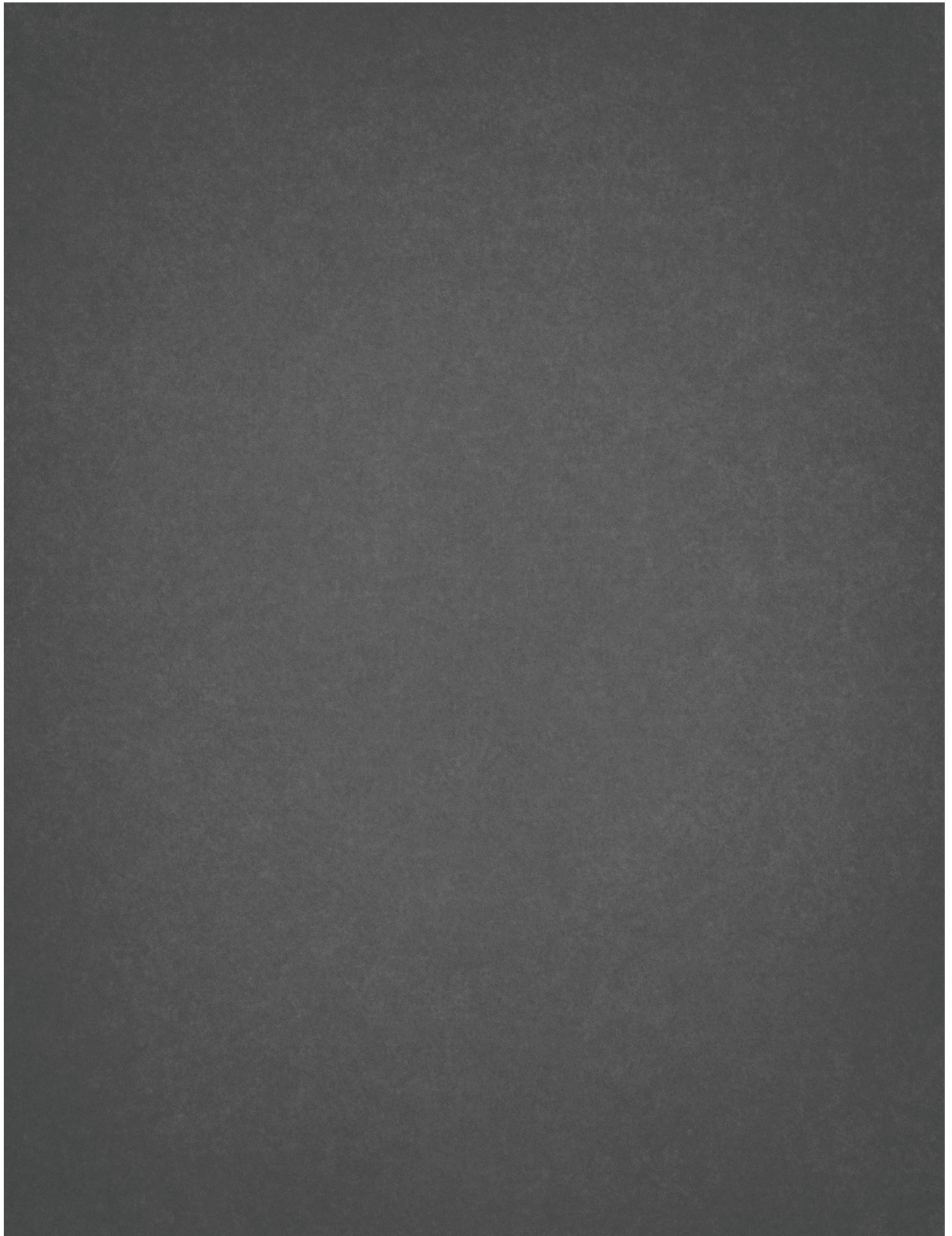


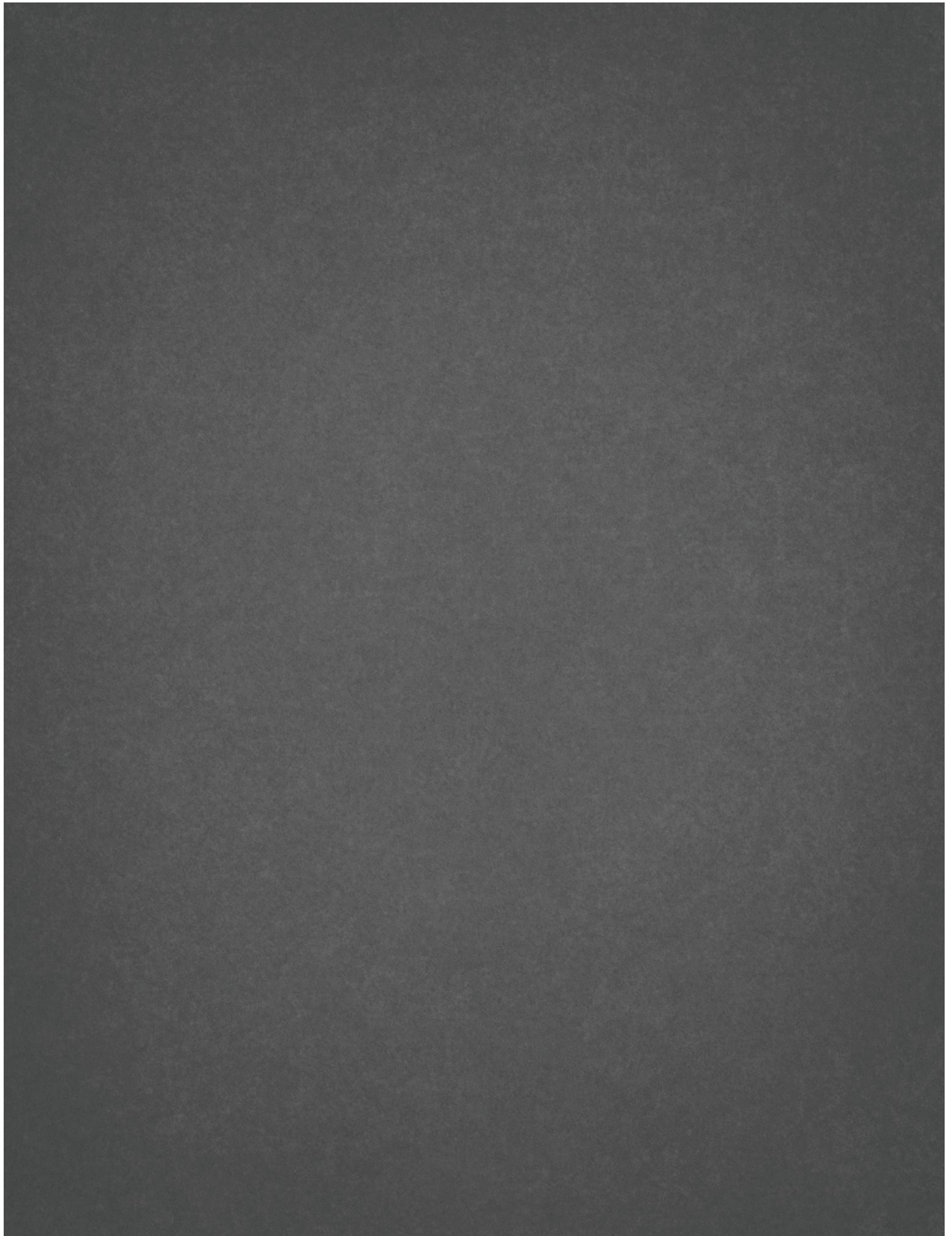


Career and Technical Student Organizations ALASKA

		Total CTSO Members	BPA	DECA	FBLA	FCCLA	FEA	FFA	HOSA	SkillsUSA	TSA
Ben Eielson High School	Eielson Afb	29		•							
Bethel High School	Bethel	2							•		
Chugiak High School	Chugiak	13				•					
Colony High School	Palmer	30	•								•
Delta High School	Delta Junction	16	•								
Delta Junction New Horizons High School	Delta Junction	0						•			
Effie Kokrine	Fairbanks	0						•			
Fairbanks	Fairbanks	0						•			
Homer High School	Anchor Point	37						•			•
Houston High School	Houston	21	•								
Hutchison High School	Fairbanks	28							•		•
Kenai Central High School	Kenai	12									•
Ketchikan High School	Ketchikan	22							•		
Kodiak High School	Kodiak	66				•		•	•		
Mat Su Borough	Wasilla	15									•
Mat Su Career and Technical High School	Wasilla	84	•						•		
MatSu Career and Technical High School	Wasilla	31									•
North Pole High School	North Pole	0						•			
Palmer High School	Palmer	26	•					•			•
Petal High School	Petal	0							•		
Pribilof School District	St. Paul Island	11					•				
River Hill High School	Juneau	1			•						
Robert Service High School	Anchorage	128		•					•		
Skyview High School	Soldotna	4									•
Soldotna High School	Soldotna	14									•
Susitna Valley Jr/Sr High School	Talkeetna	5									•
Unalaska City School	Unalaska	9									•
Unalaska High School	Unalaska	18	•								
University Of Alaska	Anchorage	8						•			•
Valdez High School	Valdez	21	•								
Wasilla High School	Wasilla	32	•					•			•
West Valley High School	Fairbanks	10		•							
Wrangell	Wrangell	4				•					









NATIONAL COORDINATING COUNCIL

Career and Technical Student Organizations

