Montana Career Pathways, Career and Technical Education (CTE) Enrollment, and Career and Technical Student Organizations (CTSO) on Reservation Schools



February 2023





10,754

2021-2022 Career & Technical Student Organization (CTSO) Members in all

High Schools

303

2021-2022 Career & Technical Student Organization Chapters in all High Schools 1,480

2021-2022 Career & Technical

Student Organization Members in Schools on Montana Reservations

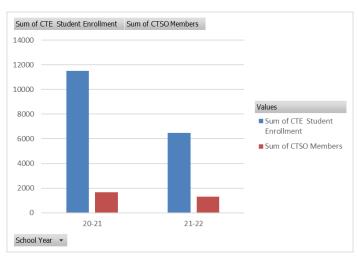
58

2021-2022 Career & Technical Student Organization

Chapters in Schools on Montana Reservations

<u>Career and Technical Student</u> <u>Organizations (CTSOs)</u>

CTSOs are an *integral component* of the classroom curriculum and instruction, building upon *employability skills* through the <u>engagement of students in hands-on demonstrations and real-life work experiences</u> through a Career and Technical Education (CTE) program.



CTE and CTSO Comparison for Reservation Schools

CTSOs by Career Area

Agricultural Education



Business and Marketing Education





Family and Consumer Sciences Education



Health Science Education



Industrial Technology Education





Who to Contact

<u>Agriculture Specialist Eric Tilleman</u> <u>Eric.Tilleman@mt.gov</u>

FFA State Director Jim Rose ffajrose@gmail.com

Business Specialist Eric Swenson

ESwenson@mt.gov

BPA State Director Lisa Parker lparkermtbpa@gmail.com

DECA State Director John Stiles istiles@mtdeca.org

Family & Consumer Specialist Gayla Randel Gayla.Randel@mt.gov

FCCLA State Director Tracy Eatherton director@mtfccla.org

Health Science Specialist Jamie Corley Jamie.Corley@mt.gov

HOSA State Director Katie Meier montanahosa@katiemeier.com

<u>Industrial Technology Specialist</u> <u>Eric Tilleman Eric.Tilleman@mt.gov</u>

SkillsUSA State Director Roberta Tilleman statedirector@skillsusamontana.org

TSA State Director Jesse Gray jesse.gray@ronank12.edu

Montana Career Pathways

Foundational and Elective courses offered by a local district that provide sequence in skill building for each of the following Career Clusters

Agricultural Education

Agriculture, Food, and Natural Resources Agricultural Mechanics and Construction

Business and Marketing Education

Arts, A/V Technology, and Communication
Business Management
Finance
Information Technology
Marketing

Family and Consumer Sciences Education

Design and Construction-FCS (Interior)

Education

Hospitality and Tourism

Human Services

Health Science Education

Health Professions

Industrial Technology Education

Advanced Manufacturing
Design and Construction-ITE (Building)
Science, Technology, Engineering, and Mathematics (STEM)
Transportation, Distribution, and Logistics
Welding and Fabrication

| Reservation | Schools with CTE Programs | 2021-2022 Approved Career Pathways | | | | | | |
|-------------|------------------------------|---|--|--|--|--|--|--|
| Blackfeet | Browning High School | 1. Agriculture, Foods& Natural Resources 2. Arts, A/V & Communications 3. Design & Construction-ITE 4. Information Technology 5. Welding& Fabrication | | | | | | |
| | Cut Bank High School | 1. Design& Construction- ITE 2. Welding& Fabrication | | | | | | |
| | Heart Butte K- 12 Schools | No Pathways | | | | | | |
| | Valier High School | 1. Agriculture, Foods& Natural Resources 2. Design & Construction-ITE 3. Transportation, Distribution& Logistics 4. Welding& Fabrication | | | | | | |
| Crow | Hardin High School | 1. Agricultural Mechanics & Construction 2. Arts, A/V & Communication 3. Business Management 4. Design & Construction- FCS 5. Design & Construction-ITE 6. Finance 7. Information Technology 8. Marketing 9. Transportation, Distribution & Logistics | | | | | | |
| | Lodge Grass High School | Agriculture, Foods & Natural Resources2. Agricultural Mechanics & Construction 3. Arts, A/V & Communication 4. Business Management 5. Finance | | | | | | |
| | Pryor High School | No Pathways | | | | | | |
| Flathead | Arlee High School | 1. Business Management 2. Design & Construction-FCS 3. Finance 4. Hospitality & Tourism 5. Human Service 6. Information Technology | | | | | | |
| | Charlo High School | 1. Design & Construction- IT 2. Information Technology 3. Welding & Fabrication | | | | | | |
| | Hot Springs High School | Agricultural Mechanics & Construction 2. Business Management 3. Hospitality & Tourism 4. Information Technology | | | | | | |
| | Plains High School | 1. Business Management 2. Design & Construction-IT 3. Finance 4. Education 5. Hospitality & Tourism 5. Welding & Fabrication | | | | | | |
| | Polson High School | Arts, A/V & Communication 2. Business Management 3. Design & Construction- FCS Design & Construction-ITE 5. Health Professions 6. Hospitality & Tourism 7. Marketing STEM | | | | | | |
| | Ronan High School | 1. Agriculture, Food & Natural Resources 2. Agricultural Mechanics & Construction 3. Business Management 4. Design & Construction-IT 5. Finance 6. Health Professions 7. Hospitality & Tourism | | | | | | |
| | St. Ignatius High School | Business Management 2. Design & Construction-IT 3. Education 4. Hospitality & Tourism 5. Marketing 6. STEM 7. Welding & Fabrication | | | | | | |

| Reservation | Schools with CTE Programs | 2021-2022 Approved Career Pathways | | | | | | |
|-----------------|-------------------------------|---|--|--|--|--|--|--|
| Fort Belknap | Dodson K-12 Schools | 1. Agriculture, Foods, & Natural Resources 2. Business Management | | | | | | |
| | Harlem High School | 1. Agriculture, Food & Natural Resources 2. Agricultural Mechanics & Construction 3 Business Management 4. Design & Construction-IT 5. Hospitality & Tourism 6. STEM Welding & Fabrication | | | | | | |
| | Hays-Lodge Pole K-12 | 1. Business Management | | | | | | |
| Fort Peck | Brockton Public Schools | Business Management 2. Design & Construction-IT 3. Finance 4. Welding & Fabrication | | | | | | |
| | Culbertson Public Schools | Agricultural Mechanics & Construction 2. Business Management 3. Finance | | | | | | |
| | Frazer Public Schools | 1. Business Management | | | | | | |
| | Glasgow K-12 Schools | 1. Advanced Manufacturing 2. Arts, A/V & Communication 3. Business Management 4 Design & Construction- FCS 5. Design & Construction-ITE 6. Finance 7. Hospitality & Tourism 8. Information Technology 9. STEM 10. Transportation, Distribution & Logistic 11. Welding & Fabrication | | | | | | |
| | Medicine Lake K-12 Schools | 1. Agriculture, Foods, & Natural Resources 2. Agricultural Mechanics & Construction 3. Business Management 4. Finance 5. Marketing | | | | | | |
| | Nasua Public Schools | No Pathway | | | | | | |
| | Plentywood K- 12 Schools | 1. Agriculture, Food & Natural Resources 2. Business Management 4. Design & Construction-IT 5. Finance 6. Hospitality & Tourism 7. Information Technology 8. Transportation, Distribution & Logistics | | | | | | |
| | Poplar Public Schools | 1. Agriculture, Food & Natural Resources 2. Business Management 4. Design & Construction-FCS 5. Finance 6. Hospitality & Tourism 7. Human Service 8. Information Technology | | | | | | |
| | Scobey K-12 Schools | 1. Advanced Manufacturing 2. Business Management 3. Design & Construction-IT 4. Finance | | | | | | |
| | Wolf Point Public Schools | Agriculture, Food & Natural Resources 2. Agricultural Mechanics & Construction 3. Business Management 4. Design & Construction-IT | | | | | | |
| | | | | | | | | |
| Reservation | Schools with CTE Programs | 2021-2022 Approved Career Pathways | | | | | | |

| Little Shell | | |
|----------------------|-----------------------------|---|
| Northern Cheyenne | Colstrip Public Schools | 1. Agriculture, Food & Natural Resources 2. Agricultural Mechanics & Construction 3. Arts, A/V Technology & Communication 4. Business Management 5. Hospitality & Tourism 6. Human Services |
| | Lame Deer Public Schools | 1. Design & Construction-IT |
| Rocky Boy's | Box Elder Public Schools | 1. Business Management 2. Design & Construction-IT 3. Marketing 4. Transportation, Distribution & Logistics 5. Welding & Fabrication |
| | Havre Public Schools | 1. Arts, A/V Technology & Communication2. Business Management 3. Design & Construction- FCS 4. Design & Construction- IT 5. Finance 6. Transportation, Distribution & Logistics |
| | Rocky Boy Public Schools | 1. Business Management 2. Finance |

For more information on Montana Career Pathways please scan the QR Code:



| | T | 1 | T | | | 1 | |
|-----------------|-----------------------------|--------------------|-------------------|-------------------------|---|--|---|
| Reservation | Schools with CTE Programs | 9-12 Enrollment | CTE Enrollment | 9-12 CTSO members | CTSO Chapters | Percentage of students in CTE programs | Percentage of CTE students in CTSOs |
| Blackfeet | Browning High School | 658 | 604 | 25 | FCCLA and FFA | 92% | 4% |
| | Cut Bank High School | 258 | 260 | 30 | *BPA, FCCLA, and HOSA | 101% | 12% |
| | Heart Butte K-12 Schools | 95 | 45 | 0 | None | 47% | 0% |
| | Valier High School | 46 | 37 | 9 | *SkillsUSA | 80% | 24% |
| Blackfeet Total | | 1,057 | 946 | 64 | | 89% | 7% |
| | • | | | | | | |
| Crow | Hardin High School | 625 | 430 | 33 | **BPA | 69% | 8% |
| | Lodge Grass High School | 202 | 218 | 177 | BPA and FFA | 108% | 81% |
| | Pryor High School | 259 | 155 | 0 | None | 60% | 0% |
| Crow Total | | 1,086 | 803 | 210 | | 74% | 26% |
| | 1 | l | l | | | | |
| Flathead | Arlee High School | 158 | 129 | 36 | BPA, FCCLA, and HOSA | 82% | 28% |
| | Charlo High School | 87 | 94 | 18 | BPA, HOSA, and SkillsUSA | 108% | 19% |
| | Hot Springs High School | 58 | 75 | 47 | FCCLA and FFA | 129% | 63% |
| | Plains High School | 148 | 266 | 33 | SkillsUSA | 180% | 12% |
| | Polson High School | 554 | 587 | 11 | DECA | 106% | 2% |
| | Ronan High School | 427 | 437 | 264 | BPA, FCCLA, FFA, HOSA, TSA, and SkillsUSA | 102% | 60% |
| | | | | | | | |
| | St. Ignatius High School | 149 | 126 | 10 | **SkillsUSA | 85% | 8% |

| Reservation | Schools with CTE Programs | 9-12 Enrollment | CTE Enrollment | 9-12 CTSO members | CTSO Chapters | Percentage of students in CTE programs | Percentage of CTE students in CTSO's |
|-----------------------|----------------------------------|--------------------|-------------------|-------------------------|------------------------|--|--|
| Fort Belknap | Dodson K-12 Schools | 38 | 48 | 16 | FFA | 126% | 33% |
| | Harlem High School | 191 | 393 | 109 | FFA | 206% | 28% |
| | Hays-Lodge Pole K-12 | 98 | 56 | 0 | None | 57% | 0% |
| Fort Belknap Total | | 327 | 497 | 125 | | 152% | 25% |
| | 1 | | | | | | |
| Fort Peck | Brockton Public Schools | 51 | 34 | 0 | None | 67% | 0% |
| | Culbertson Public Schools | 87 | 82 | 25 | BPA and FFA | 94% | 30% |
| | Frazer Public Schools | 39 | 90 | 0 | None | 231% | 0% |
| | Glasgow K-12 Schools | 254 | 264 | 24 | BPA and FCCLA | 104% | 9% |
| | Medicine Lake K-12 Schools | 30 | 39 | 49 | BPA, FCCLA, and FFA | 130% | 126% |
| | Nasua Public Schools | 30 | 0 | 0 | None | 0% | 0% |
| | Plentywood K-12 Schools | 90 | 146 | 125 | BPA, FCCLA, and FFA | 162% | 86% |
| | Poplar Public Schools | 554 | 292 | 54 | BPA and FFA | 53% | 18% |
| | Scobey K-12 Schools | 87 | 135 | 24 | *BPA and FCCLA | 155% | 18% |
| | Wolf Point Public Schools | 254 | 307 | 79 | FFA | 121% | 26% |
| Fort Peck Total | | 1,476 | 1,389 | 380 | | 94% | 27% |

| Reservation | Schools with CTE Programs | 9-12 Enrollment | CTE Enrollment | 9-12 CTSO members | CTSO Chapters | Percentage of students in CTE programs | Percentage of CTE students in CTSO's |
|---------------------------|--------------------------------|--------------------|-------------------|-------------------------|------------------------------|--|--|
| Little Shell | | | | | | | |
| Northern Cheyenne | Colstrip Public Schools | 165 | 247 | 84 | BPA, FCCLA, HOSA, and FFA | 150% | 34% |
| | Lame Deer Public Schools | 248 | 112 | 0 | None | 45% | 0% |
| N. C Total | | 413 | 359 | 84 | | 87% | 23% |
| D - alex Davila | | 136 | 122 | | T | 1000/ | 70/ |
| Rocky Boy's | Box Elder Public Schools | 126 | 133 | 9 | ВРА | 106% | 7% |
| | Havre Public Schools | 561 | 584 | 14 | *BPA and SkillsUSA | 104% | 2% |
| | Rocky Boy Public Schools | 165 | 155 | 33 | BPA and FCCLA | 94% | 21% |
| Rocky Boy's Total | | 852 | 872 | 56 | | 102% | 6% |
| All Reservation Totals | | 6,792 | 6,580 | 1,338 | | 97% | 20% |

Where CTE enrollments are over 100% of the 9-12 student enrollment is due to students taking more than one CTE course during the year.

Please note that the data shown is 2021-2022 as this data is tracked from July 1-June 30 of each year.

For any additional information or questions on the data presented contact:

Career, Technical, and Adult Education Director Shannon Boswell

Shannon.Boswell@mt.gov

Career, Technical, and Adult Education Data Specialist Ian Beagles

Ian.Beagles@mt.gov

