Online Summary Report

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Executive Summary

The Colorado Department of Education (*CDE) Online Summary Report, 2019* was produced in accordance with §22-30.7-103(3)(h), of the Colorado Revised Statute (C.R.S.).   The report is required to be prepared every five years with the last publication released in June of 2014. The information contained within this report includes data from June 2014 through the end of the 2018-19 school year. The report is submitted to the Colorado State Board of Education and each Education Committee of the Colorado General Assembly. This report includes a new reporting requirement as enacted by passage of S.B. 19-129 related to the reporting of students who withdraw from enrollment in online schools after the pupil enrollment count day. This new information has been incorporated as an appendix to this report and will become a stand-alone annual report to the General Assembly in future years.

Information presented within this report includes an analysis of data related to online school performance levels in comparison to statewide performance levels, enrollment trends, mobility rates, and School Performance Framework (SPF) ratings of online schools. The data included within the report is summary information pulled from various data collections that school districts are required to complete and report to the CDE. The information included is for online schools that have a school code. Information is reported in aggregate for both multi-district online schools and single-district online schools. Online schools are responsible for fulfilling reporting requirements and are held to state and federal mandated accountability processes that are required for all public schools in the state. Online program statistics are included in the data for the school of primary enrollment and are not reported individually.[1]

STUDENT ENROLLMENT

Enrollment in online schools and programs has increased 31.03 percent over the last 5 years (based on

Online Student Enrollment

16,215   17,060   18,664   19,581   19,876   21,246

SY 2013 SY 2014 SY 2015 SY 2016 SY 2017 SY 2018

Figure 1: Student Enrollment in Online Schools and Programs from 2013-2019.

2013-14 enrollment of 16,215 students). Although this represents continuous growth of online school enrollment in the state, overall student enrollment in online schools is still relatively small – approximately 2.42 percent of the total public K-12 population. The total online school enrollment for both multi-district and single-district online schools in the 2018-19 school year was 20,615 students, excluding online programs. Thus, most online enrollment is at the school (as opposed to the program) level. The chart on the left shows the combined enrollment growth for online schools and programs over the last five years.

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[1] Per §22-30.7-102(9), C.R.S, an online program is a full-time education program that delivers a sequential program of asynchronous or synchronous instruction. Accountability for each student in an online program is attributed to the designated school that houses the online program. A single program cannot enroll more than 100 students in a school year. If enrollment exceeds 100 students, the program would be required to change from a "program" to a "school." Please see pages 11-16 of this report for greater explanation of the differences between online schools and online programs.

Online school enrollment varies widely by school. There are some online schools that serve over 4,000 students, while other online schools have enrollment as small as two. Figure 2 on page 18 displays student enrollment data by school for the 2018-19 school year.

ONLINE MOBILITY

Each year, CDE collects data on student mobility. In general, a student is considered mobile any time he or she enters or exits a school or district in a manner that is not part of the normal educational progression (i.e. normal advancing grades between academic years, matriculating between elementary, middle and high school, or exiting as graduated or completed). Student mobility can occur for a wide variety of reasons. A review of the last five years of data show that the online student population is highly mobile.

STUDENT ACHIEVEMENT AND GROWTH

Assessment results on state assessments, including the college entrance exams show that student performance in online schools lags behind student performance in non-online schools. Participation rates on state assessments has also been lower for students in online schools overall. Some, but not all, online schools experience a lack of participation in state assessments, which results in an incomplete picture of overall student achievement and growth for the schools because of the large amounts of students not being tested.

ACCOUNTABILITY

The number of online schools on the state Accountability Clock has decreased since the release of the report in 2014, where 16 online schools were on the clock based on their 2012-13 ratings. In the 2018-19 school year, nine online schools were on the Accountability Clock, which is 18 percent of all online schools.   In comparison, 8.6 percent of non-online schools were on the Accountability Clock for the 2018-19 school year. Also, in 2018-19, about 31 percent of online schools were assigned an "insufficient state data" rating and not a traditional rating due to the percent of students who tested or the size of their tested population. Less than 1 percent (0.8%) of non-online schools received an Insufficient State Data plan assignment.   Ten online schools had an Alternative Education Campus (AEC) designation, which means that they were evaluated under the AEC accountability framework.   Of the ten online AEC schools, seven of them received an AEC: Performance rating in the 2018-19 school year.

FINANCIAL REPORTING FOR ONLINE SCHOOLS AND PROGRAMS

Pursuant to §22-30.7-103(3)(I), C.R.S., online schools and programs are required to report expenditure activities through an annual financial data collection. Summary information from this collection has been included as part of this report and provides a level of detail for online expenditures by districts that operate online schools or programs. For online schools that are charter schools, financial reporting can be accessed through the online charter schools' Financial Transparency Act reporting.

INITIAL VERSION OF SB19-129 REPORT

S.B. 19-129 was passed during the 2019 legislative session and requires an annual report on student withdrawals from online schools after October Count. An initial version of this report can be found in Appendix A and will be a separate annual report, moving forward.

Introduction

Online education is a public option in Colorado that students and families choose for a variety of reasons.   Although small relative to the overall public K-12 enrollment, the continued annual increase in online education demonstrates the continuing need for and interest in online learning among families in Colorado.

In the 2018-19 school year, there were 49 online schools operating in Colorado. Of the 49 schools, 38 are designated as multi-district online schools (MDOL). Eighteen school districts and two BOCES authorize the 38 MDOLs.   The remaining eleven schools are single-district online schools (SDOL) each authorized by an individual school district. Twenty-three school districts authorize the 26 single-district online programs throughout the state. Online schools and programs in Colorado range from offering fully virtual models to those where students meet face-to-face to complete coursework while still providing online flexibility for the remainder of the time.

> **Online Schools and Programs**
> SY 2018-2019
>
> - 38 Multi-district Online Schools
> - 11 Single-District Online Schools
> - 26 Single-District Online Programs

ONLINE SCHOOLS AND PROGRAMS OVER THE YEARS

The overall number of online schools and programs in the state of Colorado over the last five years has remained relatively flat, but there has been noticeable change with some schools closing and new schools opening. Some online schools operate under a single name, but have separate school codes for separate grade levels. Some online schools have made changes to their school codes over the years as well as the grade levels assigned to those school codes. Other online schools have changed from multi-district status to single-district status or vice versa. Additionally, a handful of online programs have shifted from program status to school status. Finally, some online schools have also changed names or authorizers. Table 1 below indicates the new online schools opened since the publication of the 2014 Online Summary Report. Table 2 provides a summary of changes and closures that have occurred since the last report.

TABLE 1: New Online Schools from 2014-2019

YEAR	AUTHORIZER	SCHOOL	ONLINE TYPE
2014	EDUCATION REENVISIONED BOCES	ROCKY MOUNTAIN DIGITAL ACADEMY	MULTI-DISTRICT
2014	JEFFERSON COUNTY R-1	JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY K-6	MULTI-DISTRICT
2014	BYERS32J	ELEVATE ACADEMY	MULTI-DISTRICT
2014	BYERS32J	COLORADO DIGITAL ACADEMY ELEMENTARY	MULTI-DISTRICT
2014	BYERS32J	COLORADO DIGITAL ACADEMY-MIDDLE SCHOOL	MULTI-DISTRICT
2015	PEYTON SCHOOL DISTRICT	PEYTON ONLINE ACADEMY	MULTI-DISTRICT
2015	EDUCATION REENVISIONED BOCES	PIKES PEAK ONLINE SCHOOL	MULTI-DISTRICT
2016	DISTRICT 49	PIKES PEAK EARLY COLLEGE	MULTI-DISTRICT
2016	DURANGO SCHOOL DISTRICT 9-R	CONNECTIONS ACADEMY @DURANGO	MULTI-DISTRICT

YEAR	AUTHORIZER	SCHOOL/PROGRAM	ONLINE TYPE
2016	LAS ANIMAS	AIM GLOBAL	MULTI-DISTRICT
2016	LAS ANMAS	IMMERSION SCHOOL FOR SCIENCES, TECHNOLOGY AND THE ARTS	MULTI-DISTRICT
2016	ACHIEVE BLENDED LEARNING ACADEMY	DELTA COUNTY SCHOOL DISTRICT	SINGLE-DISTRICT
2017	HANOVER SCHOOL DISTRICT #28	HANOVER ONLINE ACADEMY	MULTI-DISTRICT

TABLE 2: Online School Changes from 2014-2019

YEAR	AUTHORIZER	SCHOOL/PROGRAM	ONLINE TYPE	CHANGE	OPERATING AS
2014	ADAMS 12 FIVE STAR SCHOOLS	COLORADO VIRTUAL ACADEMY (COVA)	MULTI-DISTRICT	AUTHORIZER CHANGE ESP DISCONTINUATION[2] GRADE LEVEL CHANGE	BYERS 32J AUTHORIZING DISTRICT NO ESP FROM K-12 TO 9-12
2014	DELTA COUNTY 50(J)	DELTA COUNTY VIRTUAL ACADEMY	SINGLE-DISTRICT	CLOSURE	N/A
2014	HOLYOKE RE-1J	HOLYOKE ALTERNATIVE SCHOOL	SINGLE-DISTRICT PROGRAM	ONLINE PROGRAM DISCONTINUED ONLINE SCHOOL OPENED	SINGLE-DISTRICT ONLINE SCHOOL
2014	KARVAL RE-23	KARVAL ONLINE EDUCATION	MULTI-DISTRICT	CLOSURE	N/A
2014	MESA COUNTY VALLEY 51	GRANDE RIVER VIRTUAL ACADEMY	SINGLE-DISTRICT	ONE SCHOOL SERVING GRADES K-12 DIVIDED INTO 2 SCHOOLS (ELEMENTARY AND SECONDARY) NAME CHANGE	GRAND RIVER VIRTUAL ACADEMY ELEMENTARY AND GRAND RIVER VIRTUAL ACADEMY SECONDARY
2014	THOMPSON R2-J	THOMPSON ONLINE	MULTI-DISTRICT	CLOSE MDOL. OPEN SINGLE-DISTRICT PROGRAM (2015)	SINGLE-DISTRICT PROGRAM
2015	CHARTER SCHOOL INSTITUTE (CSI)	COLORADO PROVOST ACADEMY	MULTI-DISTRICT	AUTHORIZER CHANGE NAME CHANGE CHARTER TO NON-CHARTER	MOUNTAIN VIEW VIRTUAL COLORADO DIGITAL BOCES (EDUCATION REENVISIONED BOCES) AUTHORIZING ESP:EDISIONLEARNING
2015	CHARTER SCHOOL INSTITUTE (CSI)	COLORADO CALVERT ACADEMY	MULTI-DISTRICT	AUTHORIZER CHANGE NAME CHANGE CHARTER TO NON-CHARTER	ACADEMY CALVERT ACADEMY 20 AUTHORIZING DISTRICT-MANAGED

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[2] ESP stands for Education Service Provider. See page 12 of the report for additional information about online ESPs.

YEAR	AUTHORIZER	SCHOOL/PROGRAM	ONLINE TYPE	CHANGE	OPERATING AS
2015	DISTRICT 49 (FALCON 49)	FALCON VIRTUAL ACADEMY	MULTI-DISTRICT	NAME CHANGE	SPRINGS STUDIO FOR ACADEMIC EXCELLENCE
2016	ADAMS 12 FIVE STAR SCHOOLS	PATHWAYS FUTURE CENTER	NON-ONLINE SCHOOL	CONVERT FROM NON-ONLINE TO ONLINE	SINGLE DISTRICT ONLINE SCHOOL
2016	BYERS 32J	GREAT PLAINS ACADEMY	MULTI-DISTRICT	NAME CHANGE NON-CHARTER TO CHARTER	VALIANT ACADEMY CHARTER
2016	JEFFERSON COUNTY R-1	JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY K-6	MULTI-DISTRICT	CLOSURE	N/A
2016	JULESBURG RE-1	INSIGHT SCHOOL OF COLORADO	MULTI-DISTRICT	NAME CHANGE	DESTINATIONS CAREER ACADEMY OF COLORADO
2016	MESA COUNTY VALLEY 51	GRANDE RIVER VIRTUAL ACADEMY	SINGLE-DISTRICT	NAME CHANGE COMBINE GRADES TO SINGLE CODE	GRAND RIVER ACADEMY RETURN TO K-12
2016	VILAS RE-5	V.I.L.A.S ONLINE SCHOOL	MULTI-DISTRICT	CLOSURE	N/A
2017	CANON CITY RE-1	CANON ONLINE ACADEMY	SINGLE-DISTRICT	CLOSURE	N/A
2017	COLORADO DIGITAL (EDUCATION REENVISIONED BOCES)	ROCKY MOUNTAIN DIGITAL ACADEMY	MULTI-DISTRICT	CLOSURE	N/A
2017	COLORADO DIGITAL (EDUCATION REENVISIONED BOCES)	MOUNTAIN VIEW VIRTUAL	MULTI-DISTRICT	CLOSURE	N/A
2017	DOUGLAS COUNTY RE 1	EDCSD: COLORADO CYBER SCHOOL	MULTI-DISTRICT	MDOL GRADES K-12 SDOL GRADES 9-12 OPEN PROGRAM GRADES K-8 OPEN PROGRAM GRADES 9-12	EDCSD, SINGLE-DISTRICT ONLINE, EDCSD BASE PROGRAM, AND EDCSD K-8 PROGRAM
2017	EDISON 54 JT	EDISON ACADEMY	SINGLE-DISTRICT	CLOSURE	N/A
2017	GREELEY 6	ENGAGE ONLINE ACADEMY	MULTI-DISTRICT	MDOL SCHOOL CLOSURE SINGLE-DISTRICT PROGRAM OPEN	SINGLE-DISTRICT ONLINE PROGRAM
2017	JEFFERSON COUNTY R-1	JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	MULTI-DISTRICT	NAME CHANGE	JEFFCO VIRTUAL ACADEMY

YEAR	AUTHORIZER	SCHOOL/PROGRAM	ONLINE TYPE	CHANGE	OPERATING AS
2017	JULESBURG RE-1	DESTINATIONS CAREER ACADEMY OF CO	MULTI-DISTRICT	MIDDLE SCHOOL GRADE CLOSURE	GRADES 9-12
2017	PUEBLO CITY SCHOOLS	PARAGON LEARNING CENTER	SINGLE-DISTRICT PROGRAM	ONLINE PROGRAM DISCONTINUED ONLINE SCHOOL OPEN	SINGLE-DISTRICT ONLINE SCHOOL
2018	BYERS 32J	VALIANT ACADEMY	MULTI-DISTRICT	ONE SCHOOL SERVING GRADES K-12 DIVIDED INTO 3 SCHOOLS (ELEMENTARY, MIDDLE, AND HIGH SCHOOLS)	VALIANT ACADEMY ELEMENTARY SCHOOL, MIDDLE SCHOOL, AND HIGH SCHOOL
2018	ACADEMY 20	ACADEMY CALVERT	MULI-DISTRICT	NAME CHANGE	JOURNEY K8
2018	AURORA PUBLIC SCHOOLS	APS ONLINE SCHOOL	SINGLE-DISTRICT	CLOSE SCHOOL OPEN SINGLE DISTRICT PROGRAM	APS AVENUES, SINGLE-DISTRICT PROGRAM
2018	BYERS 32J	ELEVATE ACADEMY	MULTI-DISTRICT	ONE SCHOOL SERVING GRADES K-12 DIVIDED INTO 3 SCHOOLS: (ELEMENTARY, MIDDLE, AND HIGH SCHOOLS)	ELEVATE ACADEMY ELEMENTARY SCHOOL, MIDDLE SCHOOL, AND HIGH SCHOOL
2018	EDUCATION REENVISIONED BOCES (COLORADO DIGITAL)	COLORADO PREPARATORY ACADEMY	MULTI-DISTRICT	ONE SCHOOL SERVING GRADES K-12 DIVIDED INTO 3 SCHOOLS (ELEMENTARY, MIDDLE, AND HIGH SCHOOLS)	COLORADO PREPARATORY ACADEMY ELEMENTARY SCHOOL, MIDDLE SCHOOL, AND HIGH SCHOOL
2018	PUEBLO COUNTY 70	70 ONLINE	SINGLE-DISTRICT	CHANGED FROM SINGLE-DISTRICT TO MULTI-DISTRICT SCHOOL	MULTI-DISTRICT SCHOOL

IN-PERSON ATTENDANCE

The perception of online education usually includes the notion that students attend remotely from home accessing course content via a computer. While some online schools within the state do operate in this manner, many online schools and programs offer the opportunity for students to attend at a physical location.

The way in which an online school may provide the physical attendance option varies by school. For multi-district online schools that provide an in-person option, this may be accomplished through attendance at a learning center, a drop-in center, or an in-district site. For a single-district online school or program, this is accomplished by offering an in-district site where students can attend. Definitions for each of these options are provided below:

- A **Learning Center** is defined in statute as "a facility in which a consistent group of students meets more often than once per week under the supervision of a teacher or mentor for a significant portion of a school day for the purpose of participating in an online program." Statute further states that "a group of parents and students meeting repeatedly, occasionally, and informally, even if facilitated by a school, shall not constitute a 'learning center', and a private home shall not be considered a 'learning center' under any circumstances."[3] Learning centers require the multi-district online school to enter into a memorandum of understanding (MOU) with the school district where the learning center will be located.

- A **Drop-In Center** is not defined in statute; however, it can be described as a physical location offered to students enrolled in an online school that is located outside of the online school's authorizing district. Students do not meet regularly and will attend on an as-needed basis and/or to complete testing that requires supervision. A drop-in center does not require a memorandum of understanding (MOU) as it is not a Learning Center as defined by statute.

- An **In-District Site** is also not defined in statute, but can be described as a physical location that is located within the authorizing district's physical boundaries. Sometimes, an in-district site may be referred to by schools as a "learning center" but does not meet the statutory definition as described above. Students may be required to attend as part of the online school's programming or may have the option of attending on an as-needed basis and/or to complete testing that requires supervision. An in-district site does not require a memorandum of understanding as it is not outside of the authorizing district's boundaries.

Tables 3, 6, and 7 provide additional detail on the physical attendance offerings for the 2018-19 school year by online school and program.

MULTI-DISTRICT ONLINE SCHOOLS

A multi-district online school (MDOL) is defined in statute as an online school that serves a student population drawn from two or more school districts. Of the multi-district online schools in Colorado, there are those that enroll students who reside throughout the state and other, more regional, multi-district online schools that enroll students in the geographic proximity of the school's physical location but need a multi-district authorization in order to serve ten or more students who reside outside of district.

In Colorado, multi-district online schools can be authorized by a school district, a group of two or more school districts, a Board of Cooperative Services (BOCES), or the state Charter School Institute (CSI). In the 2018-19 school year, 33 multi-district online schools were authorized by single school districts and five were authorized by a BOCES. Of the 38, 14 were online charter schools and all are authorized by a single school district. In 2018-19 there were no multi-district online schools authorized by a group of two or more school districts or the CSI.

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[3] See §22-30.7-102(4), C.R.S.

Pursuant to statute, when a district, multiple districts, a BOCES, or the CSI seek to authorize an online school, they must apply to the state for certification of the multi-district online school. Statute outlines criteria for the SBE to consider when determining whether to certify, which includes:

- Whether the authorizer possesses adequate resources and capacity to oversee the proposed multi-district online school;

- Whether a plan for operating and monitoring the multi-district online school has been agreed to by the authorizer and school and satisfies requirements outlined in rule of the State Board of Education[4]; and

- The degree to which the multi-district online school will meet the Quality Standards for Online Schools and Programs which are described in §22-30.7-105, C.R.S. and further delineated in 1 CCR 301-71.[5]

The State Board of Education is presented the results of a review conducted by a team of CDE staff and an independent team of reviewers. The State Board of Education then votes to approve or deny the certification application during an open meeting.

TABLE 3: All Multi-district Online Schools in 2018-19 School Year

AUTHORIZER	ONLINE SCHOOL	TYPE	GRADES SERVED	TYPE OF PHYSICAL MEETING LOCATION
ACADEMY 20	ACADEMY ONLINE	DISTRICT	9-12	IN-DISTRICT
ACADEMY 20	JOURNEY K8	DISTRICT	K-8	IN-DISTRICT
ACADEMY 20	TCA COLLEGE PATHWAYS	CHARTER	7-12	IN-DISTRICT
BOULDER VALLEY RE 2	BOULDER UNIVERSAL	DISTRICT	K-12	IN-DISTRICT
BRANSON REORGANIZED 82	BRANSON SCHOOL ONLINE	DISTRICT	K-12	N/A-FULLY REMOTE
BYERS 32J	COLORADO DIGITAL ACADEMY – ELEMENTARY	CHARTER	K-6	N/A-FULLY REMOTE
BYERS 32J	COLORADO DIGITAL ACADEMY – MIDDLE	CHARTER	7-8	N/A-FULLY REMOTE
BYERS 32J	COLORADO VIRTUAL ACADEMY (COVA)	CHARTER	9-12	N/A-FULLY REMOTE
BYERS 32J	ELEVATE ACADEMY ELEMENTARY SCHOOL	CHARTER	K-5	LEARNING CENTER
BYERS 32J	ELEVATE ACADEMY MIDDLE SCHOOL	CHARTER	6-8	LEARNING CENTER
BYERS 32J	ELEVATE ACADEMY HIGH SCHOOL	CHARTER	9-12	LEARNING CENTER
BYERS 32J	VALIANT ACADEMY ELEMENTARY SCHOOL	CHARTER	K-5	N/A-FULLY REMOTE
BYERS 32J	VALIANT ACADEMY MIDDLE SCHOOL	CHARTER	6-8	N/A-FULLY REMOTE

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[4] See section 4.04 of 1 CCR 301-71 *Rules for the Administration, Certification and Oversight of Colorado Online Programs*
[5] See section 3.00 of 1 CCR 301-71 *Rules for the Administration, Certification and Oversight of Colorado Online Programs*

AUTHORIZER	ONLINE SCHOOL	TYPE	GRADES SERVED	TYPE OF PHYSICAL MEETING LOCATION
BYERS 32J	VALIANT ACADEMY HIGH SCHOOL	CHARTER	9-12	N/A-FULLY REMOTE
COLORADO SPRINGS 11	ACHIEVE ONLINE	DISTRICT	6-12	IN-DISTRICT
DENVER COUNTY 1	DENVER ONLINE HIGH SCHOOL	DISTRICT	9-12	IN-DISTRICT
DISTRICT 49	GOAL ACADEMY	CHARTER	9-12	DROP-IN CENTER
DISTRICT 49	PIKES PEAK EARLY COLLEGE	DISTRICT	9-12	IN-DISTRICT
DISTRICT 49	SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	DISTRICT	K-12	IN-DISTRICT
DOUGLAS COUNTY RE 1	HOPE ONLINE LEARNING ACADEMY ELEMENTARY	CHARTER	K-5	LEARNING CENTER
DOUGLAS COUNTY RE 1	HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	CHARTER	6-8	LEARNING CENTER
DOUGLAS COUNTY RE 1	HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	CHARTER	9-12	LEARNING CENTER
DURANGO 9-R	COLORADO CONNECTIONS ACADEMY @ DURANGO	DISTRICT	K-12	N/A-FULLY REMOTE
ED REENVISIONED BOCES	COLORADO PREPARATORY ACADEMY ELEMENTARY SCHOOL	BOCES	K-5	N/A-FULLY REMOTE
ED REENVISIONED BOCES	COLORADO PREPARATORY MIDDLE SCHOOL	BOCES	6-8	N/A-FULLY REMOTE
ED REENVISIONED BOCES	COLORADO PREPARATORY ACADEMY HIGH SCHOOL	BOCES	9-12	N/A-FULLY REMOTE
ED REENVISIONED BOCES	PIKES PEAK ONLINE SCHOOL	BOCES	9-12	DROP-IN CENTER
HANOVER 28	HANOVER ONLINE ACADEMY	DISTRICT	6-12	IN-DISTRICT
JEFFERSON COUNTY R-1	JEFFCO VIRTUAL ACADEMY	DISTRICT	6-12	IN-DISTRICT
JULESBURG RE-1	DESTINATIONS CAREER ACADEMY OF COLORADO	DISTRICT	9-12	N/A-FULLY REMOTE
LAS ANIMAS RE-1	AIM GLOBAL	DISTRICT	6-12	DROP-IN CENTER
LAS ANIMAS RE-1	IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	DISTRICT	6-12	DROP-IN CENTER
MAPLETON 1	COLORADO CONNECTIONS ACADEMY	DISTRICT	K-12	N/A-FULLY REMOTE
MONTE VISTA C-8	MONTE VISTA ON-LINE ACADEMY	DISTRICT	4-12	IN-DISTRICT
PEYTON 23 JT	PEYTON ONLINE ACADEMY	DISTRICT	7-12	IN-DISTRICT
POUDRE R-1	PSD GLOBAL ACADEMY	DISTRICT	K-12	IN-DISTRICT
PUEBLO COUNTY 70	70 ONLINE	DISTRICT	K-12	IN-DISTRICT
SAN JUAN BOCES	SOUTHWEST COLORADO E-SCHOOL	BOCES	6-12	IN-DISTRICT

EDUCATION SERVICE PROVIDERS

An Education Service Provider (ESP) is a for-profit organization that an online school may contract with for educational services. Contractual arrangements with ESPs for the provision of online learning experiences are quite common but the specific terms of an agreement between a provider and a school or a district can vary. Often, the scope of an ESP arrangement is quite comprehensive and would typically include design and implementation of an education program, online class management,

employment of teachers, enrollment services, financial services, and other instructional and operational services.

When an authorizer applies for certification of a multi-district online school to the state, they are asked to report whether they plan to work with an Education Service Provider and provide a level of transparency related to the terms of the agreement with the ESP. For the 2018-19 school year in Colorado, 36.7% of online students attended one of nine multi-district online school that was contracted with an ESP. A list of multi-district online schools that contracted with ESPs (as originally reported to the Office of Online and Blended Learning during the application process) is provided below.

TABLE 4: Online Schools Contracting with Education Service Providers in 2018-19 School Year

AUTHORIZER	MULTI-DISTRICT ONLINE SCHOOL	2018-19 STUDENT ENROLLMENT	EDUCATIONAL SERVICE PROVIDER
MAPLETON 1	COLORADO CONNECTIONS ACADEMY	2,270	CONNECTIONS EDUCATION
DURANGO 9-R	COLORADO CONNECTIONS ACADEMY @ DURANGO	728	CONNECTIONS EDUCATION
EDUCATION REENVISIONED BOCES	COLORADO PREPARATORY ACADEMY ELEMENTARY SCHOOL	602	K12, INC.
EDUCATION REENVISIONED BOCES	COLORADO PREPARATORY ACADEMY MIDDLE SCHOOL	687	K12, INC.
EDUCATION REENVISIONED BOCES	COLORADO PREPARATORY ACADEMY HIGH SCHOOL	518	K12, INC.
JULESBURG RE-1	DESTINATIONS CAREER ACADEMY OF COLORADO	264	K12, INC.
EDUCATION REENVISIONED BOCES	PIKES PEAK ONLINE SCHOOL	668	K12, INC.
LAS ANIMAS RE-1	AIM GLOBAL	115	SUMMIT EDUCATION GROUP
LAS ANIMAS RE-1	IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	1,708	SUMMIT EDUCATION GROUP

ONLINE CHARTER SCHOOLS
A charter school is a Colorado non-profit that operates a public school under a contract or "charter" between the governing board of an authorizer (a school district or the Charter School Institute), and the governing board of the non-profit. The charter contract outlines the school's goals, standards, education design, governance, operations, and commitments related to accountability. In Colorado, a charter school is accountable to its authorizer and the authorizer must annually review the charter school's performance relative to both academic and financial indicators. In the 2018-19 school year, fourteen multi-district online schools operated as charter schools. Student enrollment numbers indicate that 42.8 percent of online students attended an online school managed under a charter contract. All of the charter-managed online schools operating in the 2018-19 school year were run as multi-district

online schools. Table 5 below lists online charter schools in Colorado and their 2018-19 student enrollment numbers.

TABLE 5: Online Charter Schools and Student Enrollment in 2018-19 School Year

AUTHORIZER	ONLINE CHARTER SCHOOL	ONLINE TYPE	2018-19 STUDENT ENROLLMENT
ACADEMY 20	TCA COLLEGE PATHWAYS	MULTI-DISTRICT	528
BYERS 32J	COLORADO DIGITAL ACADEMY – ELEMENTARY	MULTI-DISTRICT	526
BYERS 32J	COLORADO DIGITAL ACADEMY – MIDDLE	MULTI-DISTRICT	347
BYERS 32J	COLORADO VIRTUAL ACADEMY (COVA)	MULTI-DISTRICT	684
BYERS 32J	ELEVATE ACADEMY ELEMENTARY SCHOOL	MULTI-DISTRICT	147
BYERS 32J	ELEVATE ACADEMY HIGH SCHOOL	MULTI-DISTRICT	177
BYERS 32J	ELEVATE ACADEMY MIDDLE SCHOOL	MULTI-DISTRICT	175
BYERS 32J	VALIANT ACADEMY ELEMENTARY	MULTI-DISTRICT	50
BYERS 32J	VALIANT ACADEMY HIGH SCHOOL	MULTI-DISTRICT	188
BYERS 32J	VALIANT ACADEMY MIDDLE SCHOOL	MULTI-DISTRICT	75
DISTRICT 49	GOAL ACADEMY	MULTI-DISTRICT	4,153
DOUGLAS COUNTY	HOPE ONLINE LEARNING ACADEMY ELEMENTARY	MULTI-DISTRICT	921
DOUGLAS COUNTY	HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	MULTI-DISTRICT	589
DOUGLAS COUNTY	HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	MULTI-DISTRICT	531

It is worth noting that online schools in state and local news stories and reports are often referred to as "online charter schools," but that term is only representative of a portion of public online schools in the state. Although a significant percentage of students are enrolled in online charter schools (42.8 percent), all other online students (57.2 percent) are enrolled in online schools that are managed by school districts or BOCES.

SINGLE-DISTRICT ONLINE SCHOOLS

A single-district online school (SDOL) is defined in statute as an online school that only serves students who reside in a single school district. Single-district online schools are assigned a school code, operate with their own administrators, maintain a separate budget, and operate a complete instructional program. In the 2018-19 school year, there were 11 single-district online schools in operation in the state. The table below includes single-district schools and indicates the grades served and type of physical meeting location.

TABLE 6: All Single-district Online Schools in 2018-19 School Year

AUTHORIZER	SINGLE-DISTRICT ONLINE SCHOOL	GRADES SERVED	TYPE OF PHYSICAL MEETING LOCATION
ADAMS 12 FIVE STAR	PATHWAYS FUTURE CENTER	9-12	IN-DISTRICT
CENTER 26 JT	CENTER VIRTUAL ACADEMY	9-12	IN-DISTRICT

DELTA COUNTY 50(J)	ACHIEVE BLENDED LEARNING ACADEMY	6-12	IN-DISTRICT
DOUGLAS COUNTY RE 1	EDCSD	9-12	IN-DISTRICT
EAGLE COUNTY RE 50	WORLD ACADEMY	K-12	IN-DISTRICT
HOLYOKE RE-1J	HOLYOKE ALTERNATIVE SCHOOL	7-12	IN-DISTRICT
MESA COUNTY VALLEY 51	GRAND RIVER ACADEMY	K-12	IN-DISTRICT
MONTROSE COUNTY RE-1J	PEAK VIRTUAL ACADEMY	K-12	IN-DISTRICT
PUEBLO CITY 60	PARAGON LEARNING CENTER	9-12	IN-DISTRICT
SCHOOL DISTRICT 27J	BOLT ACADEMY	9-12	IN-DISTRICT
ST VRAIN VALLEY RE 1J	ST. VRAIN GLOBAL ONLINE ACADEMY	9-12	IN-DISTRICT

SINGLE-DISTRICT ONLINE PROGRAMS

Single-district online programs are full-time education programs which provide a sequential program of instruction. A single-district online program does not include a supplemental online program, which would only offer courses to students on a course-level basis. Although students may attend a program full-time, the accountability for the student's performance is an online program is aggregated back to the school that houses the online program. If an online program's student enrollment count exceeds 100 students, the program is considered a school and is required to apply for a school code and will then be held to the reporting requirements and state and federal accountability processes that are applicable to schools in Colorado. Table 7 displays student enrollment in online programs from 2014-2019.

TABLE 7: Single-District Online Programs in 2018-19 School Year

AUTHORIZER	SINGLE-DISTRICT ONLINE PROGRAM	GRADES SERVED	TYPE OF PHYSICAL MEETING LOCATION
ADAMS COUNTY 14	LESTER ARNOLD ONLINE	9-12	IN-DISTRICT
AURORA PUBLIC SCHOOLS	APS AVENUES	6-12	IN-DISTRICT
COLORADO SPRINGS 11	EXTENDED LEARNING PROGRAM	6-12	IN-DISTRICT
DEL NORTE C-7	DEL NORTE SCHOOL BLENDED LEARNING	6-12	IN-DISTRICT
DOUGLAS COUNTY RE 1	EDCSD BASE PROGRAM	9-12	IN-DISTRICT
DOUGLAS COUNTY RE 1	EDCSD K-8	K-8	IN-DISTRICT
EAST OTERO R-1	TIGERS ONLINE PROGRAM	7-12	IN-DISTRICT
GUNNISON WATERSHED RE1J	GUNNISON WATERSHED SCHOOL DISTRICT ONLINE	9-12	IN-DISTRICT
GREELEY 6	ENGAGE ONLINE ACADEMY	K-12	IN-DISTRICT
LEWIS-PALMER 38	LEWIS PALMER COMBINED ONLINE PROGRAM	9-12	IN-DISTRICT
LITTLETON 6	LPS VOYAGER	9-12	IN-DISTRICT
MANITOU SPRINGS 14	MANITOU SPRINGS ONLINE PROGRAM	6-12	IN-DISTRICT
NORTH CONEJOS RE-1J	NORTH CONEJOS ALTERNATIVE PROGRAM	K-12	IN-DISTRICT
PARK COUNTY RE-2	SOUTH PARK ONLINE	K-12	IN-DISTRICT
PARK COUNTY RE-2	VIRTUAL VILLAGE-LAKE GEORGE CHARTER SCHOOL	K-8	IN-DISTRICT
PLATTE CANYON 1	PCHS ONLINE	9-12	IN-DISTRICT

AUTHORIZER	SINGLE-DISTRICT ONLINE PROGRAM	GRADES SERVED	TYPE OF PHYSICAL MEETING LOCATION
RE1 VALLEY SCHOOL DISTRICT	EDGE	9-12	IN-DISTRICT
SCHOOL DISTRICT 27J	BRIDGE ACADEMY	9-12	IN-DISTRICT
SHERIDAN 2	SHERIDAN HIGH SCHOOL ONLINE PROGRAM	7-12	IN-DISTRICT
SHERIDAN 2	SOAR ACADEMY ONLINE PROGRAM	7-12	IN-DISTRICT
THOMPSON R2-J	THOMPSON ONLINE	K-12	IN-DISTRICT
WELD COUNTY SCHOOL DISTRICT RE-3J	WELD CENTRAL ONLINE	9-12	IN-DISTRICT
JOHNSTOWN-MILLIKEN RE-5J	RHS ONLINE	9-12	IN-DISTRICT
WESTMINSTER PUBLIC SCHOOLS	WESTMINSTER VIRTUAL ACADEMY	9-12	IN-DISTRICT
WIDEFIELD 3	D3 MY WAY	3-12	IN-DISTRICT
WOODLAND PARK RE-2	WOODLAND PARK ONLINE PROGRAM	K-12	IN-DISTRICT

Student Enrollment

Enrollment in online schools and programs has continued to increase over the last five years. Online schools and programs have seen an increase of 31.03 percent from 2014 to 2019. The total student enrollment for online schools and programs in the 2018-19 school year was 21,246 which represents 2.42 percent of all K-12 public school students in Colorado.

ENROLLMENT BY SCHOOL AND DISTRICT

Online school enrollment varies from school to school. Figure 2 on page 18 illustrates the student enrollment of online schools from greatest to least. In 2018, GOAL Academy (District 49) was the largest multi-district online school with 4,153 students, followed by Connections Academy (Mapleton 1) with 2,270 students and AIM Global (Las Animas RE-5) with a student enrollment count of 1,708.

Table 8 displays online school enrollment over the past five years for all online schools and programs and Table 9 shows the authorizers with the largest number of online students in the state. The six authorizers with the largest number of online students accounted for approximately 76 percent of total student enrollment in the 2018-19 school year.
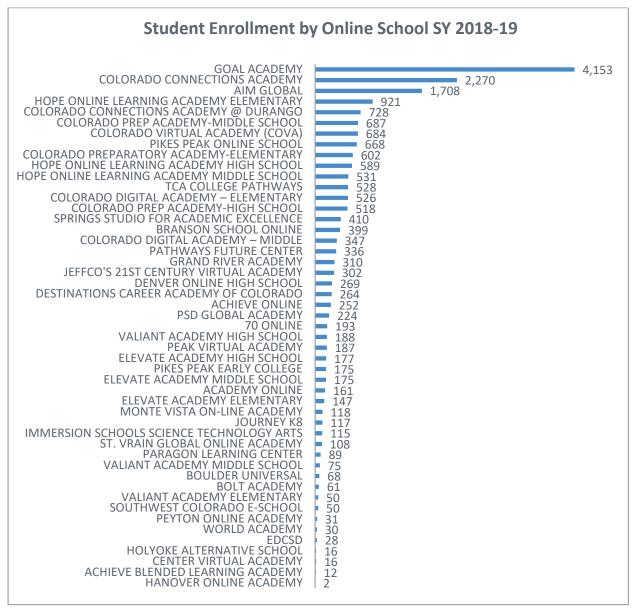
Student Enrollment by Online School SY 2018-19

Online School	Enrollment
GOAL ACADEMY	4,153
COLORADO CONNECTIONS ACADEMY	2,270
AIM GLOBAL	1,708
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	921
COLORADO CONNECTIONS ACADEMY @ DURANGO	728
COLORADO PREP ACADEMY-MIDDLE SCHOOL	687
COLORADO VIRTUAL ACADEMY (COVA)	684
PIKES PEAK ONLINE SCHOOL	668
COLORADO PREPARATORY ACADEMY-ELEMENTARY	602
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	589
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	531
TCA COLLEGE PATHWAYS	528
COLORADO DIGITAL ACADEMY – ELEMENTARY	526
COLORADO PREP ACADEMY-HIGH SCHOOL	518
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	410
BRANSON SCHOOL ONLINE	399
COLORADO DIGITAL ACADEMY – MIDDLE	347
PATHWAYS FUTURE CENTER	336
GRAND RIVER ACADEMY	310
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	302
DENVER ONLINE HIGH SCHOOL	269
DESTINATIONS CAREER ACADEMY OF COLORADO	264
ACHIEVE ONLINE	252
PSD GLOBAL ACADEMY	224
70 ONLINE	193
VALIANT ACADEMY HIGH SCHOOL	188
PEAK VIRTUAL ACADEMY	187
ELEVATE ACADEMY HIGH SCHOOL	177
PIKES PEAK EARLY COLLEGE	175
ELEVATE ACADEMY MIDDLE SCHOOL	175
ACADEMY ONLINE	161
ELEVATE ACADEMY ELEMENTARY	147
MONTE VISTA ON-LINE ACADEMY	118
JOURNEY K8	117
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	115
ST. VRAIN GLOBAL ONLINE ACADEMY	108
PARAGON LEARNING CENTER	89
VALIANT ACADEMY MIDDLE SCHOOL	75
BOULDER UNIVERSAL	68
BOLT ACADEMY	61
VALIANT ACADEMY ELEMENTARY	50
SOUTHWEST COLORADO E-SCHOOL	50
PEYTON ONLINE ACADEMY	31
WORLD ACADEMY	30
EDCSD	28
HOLYOKE ALTERNATIVE SCHOOL	16
CENTER VIRTUAL ACADEMY	16
ACHIEVE BLENDED LEARNING ACADEMY	12
HANOVER ONLINE ACADEMY	2

Figure 2: 2018-19 Student Enrollment by Online School

TABLE 8: Online School Student Enrollment Count from SY2014-SY2018

ONLINE SCHOOL	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18	SY 2018-19
70 ONLINE	163	163	159	153	193
ACADEMY ONLINE	50	51	88	124	161
ACHIEVE BLENDED LEARNING ACADEMY	-	-	7	18	12
ACHIEVE ONLINE	233	237	249	246	252

ONLINE SCHOOL	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18	SY 2018-19
AIM GLOBAL	-	-	533	1,095	1,708
APS ONLINE SCHOOL	199	143	184	126	-
BOLT ACADEMY	44	64	59	64	61
BOULDER UNIVERSAL	124	89	86	87	68
BRANSON SCHOOL ONLINE	397	407	406	383	399
CANON ONLINE ACADEMY	44	43	24	-	-
CENTER VIRTUAL ACADEMY	12	9	11	8	16
COLORADO CONNECTIONS ACADEMY	2,375	2,420	2,426	2,357	2,270
COLORADO CONNECTIONS ACADEMY @ DURANGO	-	-	306	537	728
COLORADO DIGITAL ACADEMY – ELEMENTARY	-	496	440	508	526
COLORADO DIGITAL ACADEMY – MIDDLE	-	219	229	275	347
COLORADO PREPARATORY ACADEMY – ELEMENTARY SCHOOL	-	-	-	-	602
COLORADO PREP ACADEMY – MIDDLE SCHOOL	-	-	-	-	687
COLORADO PREP ACADEMY – HIGH SCHOOL*	1,348	1,364	1,384	1,631	518
COLORADO PROVOST ACADEMY	345	-	-	-	-
COLORADO VIRTUAL ACADEMY (COVA)	521	487	523	544	684
DENVER ONLINE HIGH SCHOOL	147	204	243	244	269
DESTINATIONS CAREER ACADEMY OF COLORADO	522	381	347	250	264
EDCSD	279	211	163	37	28
EDISON ACADEMY	77	1	1	-	-
ELEVATE ACADEMY ELEMENTARY SCHOOL	-	-	-	-	147
ELEVATE ACADEMY MIDDLE SCHOOL	-	-	-	-	175
ELEVATE ACADEMY HIGH SCHOOL*	-	1,233	1,093	770	177
ENGAGE ONLINE ACADEMY	138	99	37	-	-
GOAL ACADEMY	3,259	4,070	3,764	3,811	4,153
GRAND RIVER ACADEMY	195	218	259	280	310
GRANDE RIVER VIRTUAL ACADEMY ELEMENTARY	39	-	-	-	-
HANOVER ONLINE ACADEMY	-	-	-	2	2
HOLYOKE ALTERNATIVE SCHOOL	16	7	13	15	16
HOPE ONLINE – ELEMENTARY	1,508	1,150	1,201	1,034	921
HOPE ONLINE - HIGH SCHOOL	502	458	575	548	589
HOPE ONLINE - MIDDLE SCHOOL	660	530	587	594	531
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	-	-	118	119	115
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	365	313	304	279	302
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY K-6	33	34	-	-	-
JOURNEY K8	181	139	118	120	117
MONTE VISTA ON-LINE ACADEMY	87	97	107	123	118
MOUNTAIN VIEW VIRTUAL	-	215	113	-	-
PATHWAYS FUTURE CENTER**	-	-	387	322	336
PARAGON LEARNING CENTER***	-	-	-	40	89
PEAK VIRTUAL ACADEMY	149	229	233	213	187

ONLINE SCHOOL	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18	SY 2018-19
PEYTON ONLINE ACADEMY	-	-	11	26	31
PIKES PEAK EARLY COLLEGE	-	-	74	120	175
PIKES PEAK ONLINE SCHOOL	-	426	536	615	668
PSD GLOBAL ACADEMY	158	178	197	211	224
ROCKY MOUNTAIN DIGITAL ACADEMY	350	390	103	-	-
SOUTHWEST COLORADO E-SCHOOL	46	29	45	61	50
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	515	521	489	503	410
ST. VRAIN GLOBAL ONLINE ACADEMY	106	105	101	101	108
TCA COLLEGE PATHWAYS	497	505	508	501	528
VALIANT ACADEMY ELEMENTARY SCHOOL	-	-	-	-	50
VALIANT ACADEMY MIDDLE SCHOOL	-	-	-	-	75
VALIANT ACADEMY HIGH SCHOOL*	118	95	203	226	188
V.I.L.A.S. ONLINE SCHOOL	51	20	-	-	-
WORLD ACADEMY	35	45	53	38	30

*Operated as online school serving grades K-12 prior to SY2018-19
**Did not operate as an online school until SY2016-17
***Operated as an online program prior to SY2017-18

TABLE 9: Authorizer with Largest Online School Student Enrollment in the 2018-19 School Year

AUTHORIZER	NUMBER OF ONLINE STUDENT ENROLLMENT	PERCENT OF TOTAL ONLINE STUDENT ENROLLMENT
DISTRICT 49	4,738	23.0%
EDUCATION REENVISIONED BOCES	2,475	12.0%
BYERS 32J	2,369	11.5%
MAPLETON 1	2,270	11.0%
DOUGLAS COUNTY RE-1	2,069	10.0%
LAS ANIMAS RE-1	1,873	8.8%

ENROLLMENT BY GRADE LEVEL

Student enrollment in online schools tends to occur more in high school grades as compared to non-online schools. For the purpose of this report, elementary grades are defined as kindergarten to fifth grade, middle school grades are defined as sixth to eighth grade and high school grades consist of ninth to 12th grade. In the past five years, most of the student enrollment (over 60 percent each year) is concentrated in the high school grades (Figure 3). Further analysis shows that the majority of students enrolled in online schools are in grades 11 and 12 (15.6 percent and 25.5 percent respectively) whereas the distribution in non-online schools is more evenly distributed throughout all the grade levels.
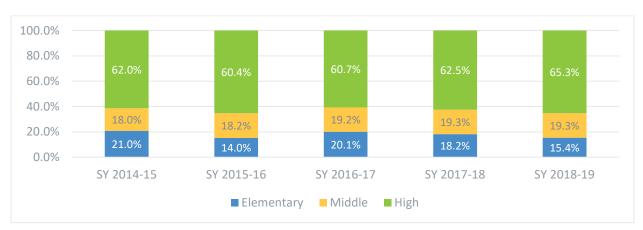
Figure 3: Percentage of Online Students Enrolled in Elementary, Middle, and High School Grade Levels from SY2014-SY2018

TABLE 10: SY2018-19 Online School Enrollment vs. Non-Online Enrollment by Grade

	2018-19 ENROLLMENT IN K-12 SCHOOLS BY GRADE	
	ONLINE K-12	**NON-ONLINE K-12**
HALF-DAY K	181 (0.9%)	13,152 (1.5%)
FULL DAY K	261 (1.3%)	49,815 (5.8%)
1ST	461 (2.2%)	63,588 (7.4%)
2ND	488 (2.4%)	64,489 (7.5%)
3RD	517 (2.5%)	65,440 (7.6%)
4TH	599 (2.9%)	67,633 (7.9%)
5TH	668 (3.2%)	69,280 (8.1%)
6TH	907 (4.4%)	69,075 (8.1%)
7TH	1,347 (6.5%)	68,095 (7.9%)
8TH	1,726 (8.4%)	66,308 (7.7%)
9TH	2,151 (10.4%)	67,938 (7.9%)
10TH	2,824 (13.7%)	65,702 (7.7%)
11TH	3,221 (15.6%)	62,548 (7.3%)
12TH	5,264 (25.5%)	64,130 (7.5%)
TOTAL K-12 COUNT	20,615 (100%)	857,193 (100%)

ONLINE STUDENT DEMOGRAPHICS

Student demographics in online schools tend to be close to state percentages with a few exceptions. As shown in Figure 4, in the 2014-15 and 2015-16 school years, online schools served a smaller percentage of minority students than the state served, but have since approximated the state average.
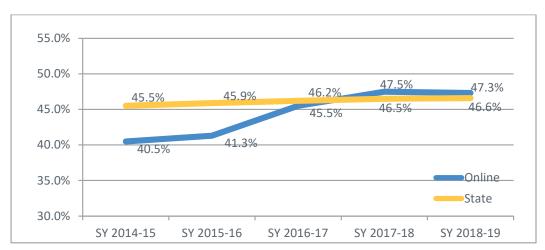
Figure 4: Percentage of Minority Students in Online Schools and Statewide from SY2014-SY2018

In the 2018-19 school year, online schools served 8,511 students who had eligibility for free and reduced meals.   This equates to 41.0 percent of students enrolled in online schools. With the exception of the 2014-15 school year, the online school percentage of students eligible for free and reduced lunch (FRL) is similar to state percentages. Figure 5 reflects the percentage of FRL eligible students from 2014-2019.
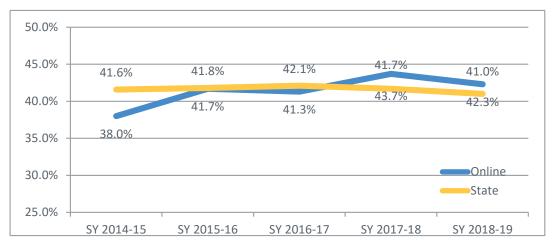

Figure 5: Percentage of FRL Eligible Students in Online Schools and Statewide from SY2014-SY2018

Historically, online schools have enrolled fewer students with Individualized Education Plans (IEPs) than the state average. Figure 6 shows that over the last five years, the percentage of students with IEPs in online schools has consistently remained lower than the state percentage.
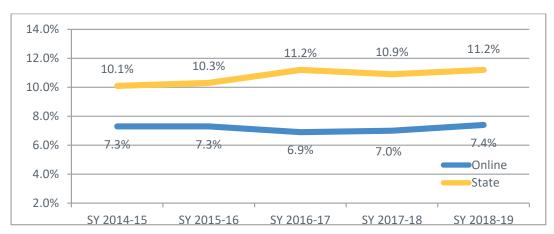
Figure 6: Percentage of Students with IEPs in Online Schools and Statewide from SY2014-SY2018

Student Mobility

BACKGROUND

Mobility rates are indicators of turnover in the student population within a given school year. A student is considered mobile when he or she enters or exits a school or district in a manner that is not part of a normal progression (i.e. normal advancing grades between academic years, matriculating between elementary to middle school, or between middle to high school, exciting as graduated or completed). A normal progression includes moving from elementary to middle school, middle school to high school, or graduating. The following types of events would be included in a mobility calculation:

- Students who transfer into or from a district or charter school or transfer within a school district or charter school;

- Students who transfer into or from a nonpublic or private school or home based education program (i.e., home school);

- Students who transfer into or from a High School Equivalency (GED) program, vocational education program, licensed eligible facility, state-operated program, detention center, or other educational program operated by the Division of Youth Services or Department of Corrections;

- Students who have been expelled, dropped out, or exited to an unknown educational setting; and

- Students who are absent for an extended period of time or are seriously ill.

Prior to the 2017-18 school year, the Student Mobility Rate was calculated from the beginning of the school year. In 2017-18, new rules guiding mobility rate calculations were implemented. These new rules specified that moving forward, mobility rates would be calculated from the Student Pupil Count Date until the end of the school year.[6] Mobility is generally considered a measure of disruption;

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[6] Rules are specified in section 12.06 of 1 CCR 301-1, *Rules for Administration of Accreditation of School Districts*

therefore, moves over the summer or at the very beginning of the school year are seen as more routine and less disruptive.

Student mobility rates are calculated in the following way:

$$\frac{(Unduplicated\ count\ of\ K-12\ students\ who\ moved\ into\ or\ out\ of\ a\ school\ in\ year\ X)}{(Number\ of\ students\ that\ are\ part\ of\ a\ school\ at\ any\ point\ within\ year\ X)}$$

Once a student is counted as mobile for a given school, the student will not be counted again in the same year for the Student Mobility Rate for that particular school. Table 11 displays the student mobility rates by online school from SY2013 through SY2017.

TABLE 11: Online School Student Mobility Rates from SY2013 through SY2017

ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
70 ONLINE	34.5%	41.7%	34.0%	33.8%	57.8%
ACADEMY ONLINE	37.9%	43.0%	32.5%	30.7%	17.0%
ACHIEVE BLENDED LEARNING ACADEMY	—	—	—	28.6%	61.8%
ACHIEVE ONLINE	46.1%	51.9%	39.1%	29.7%	41.5%
70 ONLINE	34.5%	41.7%	34.0%	33.8%	57.8%
AIM GLOBAL	—	—	-	47.6%	27.1%
APS ONLINE SCHOOL	52.5%	49.0%	46.6%	48.7%	—
BOLT ACADEMY	31.3%	31.6%	32.2%	27.4%	33.7%
BOULDER UNIVERSAL	32.0%	28.4%	28.1%	30.4%	26.7%
BRANSON SCHOOL ONLINE	21.6%	29.1%	34.1%	33.1%	30.7%
CANON ONLINE ACADEMY	32.4%	49.1%	48.4%	34.0%	—
CENTER VIRTUAL ACADEMY	52.9%	60.0%	89.5%	55.0%	81.3%
COLORADO CONNECTIONS ACADEMY	31.9%	36.3%	33.2%	38.1%	28.8%
COLORADO CONNECTIONS ACADEMY @ DURANGO	—	—	—	55.6%	43.0%
COLORADO DIGITAL ACADEMY – ELEMENTARY	—	17.9%	13.4%	20.7%	23.7%
COLORADO DIGITAL ACADEMY – MIDDLE	—	24.8%	25.7%	21.0%	27.5%
COLORADO PREP ACADEMY	37.2%	40.8%	37.4%	27.4%	31.1%
COLORADO PROVOST ACADEMY	42.5%	—	—	—	—
COLORADO VIRTUAL ACADEMY (COVA)	18.0%	13.6%	25.3%	25.2%	31.5%
DENVER ONLINE HIGH SCHOOL	49.0%	57.6%	58.9%	53.6%	42.2%
DESTINATIONS CAREER ACADEMY OF COLORADO	29.3%	31.8%	35.0%	27.3%	20.6%
EDCSD	28.8%	35.8%	42.9%	35.5%	30.0%
EDISON ACADEMY	51.3%	46.9%	50.0%	0.0%	—
ELEVATE ACADEMY	—	29.6%	24.2%	24.0%	19.9%
ENGAGE ONLINE ACADEMY	48.7%	41.5%	37.2%	53.8%	—
GOAL ACADEMY	25.6%	30.1%	31.6%	36.0%	38.2%
GRAND RIVER ACADEMY	26.1%	27.3%	28.2%	31.6%	27.8%
GRANDE RIVER VIRTUAL ACADEMY ELEMENTARY	—	36.7%	—	—	—
HANOVER ONLINE ACADEMY	—	—	—	—	85.7%
HOLYOKE ALTERNATIVE SCHOOL	—	50.0%	45.0%	52.4%	48.0%
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	10.1%	24.0%	24.5%	23.0%	14.8%

ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	22.8%	24.1%	23.1%	24.7%	27.4%
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	13.9%	21.5%	20.3%	21.6%	15.6%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	—	—	—	22.8%	17.8%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	37.4%	40.1%	20.2%	37.9%	47.3%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY K-6	—	46.8%	—	—	—
JOURNEY K8	29.2%	47.8%	32.9%	39.8%	47.8%
KARVAL ONLINE EDUCATION	42.4%	—	—	—	—
MONTE VISTA ON-LINE ACADEMY	33.9%	32.8%	33.1%	32.1%	24.8%
MOUNTAIN VIEW VIRTUAL	—	—	41.6%	53.5%	—
PATHWAYS FUTURE CENTER	*	*	50.4%	47.2%	—
PARAGON LEARNING CENTER	—	—	—	—	78.9%
PEAK VIRTUAL ACADEMY	40.5%	39.5%	52.5%	35.1%	9.3%
PEYTON ONLINE ACADEMY	—	—	—	31.6%	46.3%
PIKES PEAK EARLY COLLEGE	—	—	—	15.8%	32.5%
PIKES PEAK ONLINE SCHOOL	—	—	51.4%	44.3%	36.1%
PSD GLOBAL ACADEMY	34.7%	34.9%	31.3%	26.0%	22.6%
ROCKY MOUNTAIN DIGITAL ACADEMY	—	19.3%	18.4%	23.3%	—
SOUTHWEST COLORADO E-SCHOOL	46.2%	52.2%	39.3%	58.2%	38.0%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	28.0%	25.8%	22.9%	19.3%	12.8%
ST. VRAIN GLOBAL ONLINE ACADEMY	45.2%	45.9%	37.6%	43.6%	49.0%
TCA COLLEGE PATHWAYS	28.4%	18.9%	18.7%	12.7%	4.4%
THOMPSON ONLINE	45.0%	—	—	—	—
VALIANT ACADEMY	63.0%	55.6%	36.2%	32.6%	41.0%
V.I.L.A.S. ONLINE SCHOOL	17.0%	28.2%	17.8%	—	—
WORLD ACADEMY	45.9%	54.7%	48.8%	52.6%	69.9%
PEAK VIRTUAL ACADEMY	40.5%	39.5%	52.5%	35.1%	9.3%
PEYTON ONLINE ACADEMY	—	—	—	31.6%	46.3%
PIKES PEAK EARLY COLLEGE	—	—	—	15.8%	32.5%
PIKES PEAK ONLINE SCHOOL	—	—	51.4%	44.3%	36.1%
PSD GLOBAL ACADEMY	34.7%	34.9%	31.3%	26.0%	22.6%
ROCKY MOUNTAIN DIGITAL ACADEMY	—	19.3%	18.4%	23.3%	—
SOUTHWEST COLORADO E-SCHOOL	46.2%	52.2%	39.3%	58.2%	38.0%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	28.0%	25.8%	22.9%	19.3%	12.8%
ST. VRAIN GLOBAL ONLINE ACADEMY	45.2%	45.9%	37.6%	43.6%	49.0%
TCA COLLEGE PATHWAYS	28.4%	18.9%	18.7%	12.7%	4.4%
THOMPSON ONLINE	45.0%	—	—	—	—
VALIANT ACADEMY	63.0%	55.6%	36.2%	32.6%	41.0%
V.I.L.A.S. ONLINE SCHOOL	17.0%	28.2%	17.8%	—	—
WORLD ACADEMY	45.9%	54.7%	48.8%	52.6%	69.9%

*School operating but did not have online school designation

—School not in operation

MOBILITY INCIDENCE RATE

While the Student Mobility Rate is a based on a single occurrence of a student moving to another school setting, the Mobility Incidence Rate takes into consideration multiple occurrences of mobility for a single student. For example, a student who moves in and out of a school multiple times will be counted as mobile multiple times under the Mobility Incidence Rate calculation. The Mobility Incidence Rate is calculated in the following way:

$$\frac{(Duplicated\ count\ of\ K-12\ students\ who\ moved\ into\ or\ out\ of\ a\ school\ in\ year\ X)}{(Number\ of\ students\ that\ are\ part\ of\ a\ school\ at\ any\ point\ within\ year\ X)}$$

Table 12 below displays the Mobility Incidence Rate by online school from the last five years.

TABLE 12: Online School Mobility Incidence Rates from SY2013 through SY2017

ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
70 ONLINE	36.6%	51.1%	39.5%	39.5%	63.7%
ACADEMY ONLINE	37.9%	53.8%	37.5%	35.0%	17.0%
ACHIEVE BLENDED LEARNING ACADEMY	—	—	—	28.6%	79.4%
ACHIEVE ONLINE	67.4%	80.5%	44.9%	33.7%	44.2%
70 ONLINE	—	—	—	54.2%	29.7%
AIM GLOBAL	53.3%	61.2%	55.0%	54.3%	72.5%
APS ONLINE SCHOOL	33.3%	34.2%	45.6%	30.2%	37.3%
BOLT ACADEMY	32.3%	31.6%	28.8%	36.5%	27.7%
BOULDER UNIVERSAL	36.6%	51.1%	39.5%	39.5%	63.7%
BRANSON SCHOOL ONLINE	21.8%	31.8%	36.9%	38.9%	35.7%
CANON ONLINE ACADEMY	33.3%	57.3%	56.0%	35.8%	—
CENTER VIRTUAL ACADEMY	52.9%	66.7%	115.8%	60.0%	88.9%
COLORADO CONNECTIONS ACADEMY	32.2%	40.0%	36.3%	38.1%	30.7%
COLORADO CONNECTIONS ACADEMY @ DURANGO	—	—	—	63.1%	46.1%
COLORADO DIGITAL ACADEMY – ELEMENTARY	—	18.4%	13.4%	21.5%	23.7%
COLORADO DIGITAL ACADEMY – MIDDLE	—	26.6%	28.0%	22.1%	27.5%
COLORADO PREP ACADEMY	37.2%	41.6%	38.4%	28.2%	32.0%
COLORADO PROVOST ACADEMY	45.2%	—	—	—	—
COLORADO VIRTUAL ACADEMY (COVA)	18.1%	13.8%	25.6%	25.3%	31.5%
DENVER ONLINE HIGH SCHOOL	54.9%	69.4%	67.3%	62.5%	42.8%
DESTINATIONS CAREER ACADEMY OF COLORADO	29.4%	32.6%	38.9%	28.3%	20.6%
EDCSD	28.8%	39.8%	48.3%	39.3%	32.0%
EDISON ACADEMY	52.6%	50.6%	50.0%	0.0%	—
ELEVATE ACADEMY	—	33.3%	26.0%	25.4%	20.4%
ENGAGE ONLINE ACADEMY	51.3%	51.1%	41.0%	69.2%	—
GOAL ACADEMY	25.8%	33.1%	33.5%	38.7%	40.9%
GRAND RIVER ACADEMY	26.5%	30.0%	30.8%	35.2%	16.0%
GRANDE RIVER VIRTUAL ACADEMY ELEMENTARY	—	36.7%	—	—	—
HANOVER ONLINE ACADEMY	—	—	—	—	100.0%
HOLYOKE ALTERNATIVE SCHOOL	—	57.1%	45.0%	57.1%	56.0%
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	10.7%	25.5%	26.9%	25.0%	16.7%

ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	23.4%	26.9%	25.3%	27.2%	29.6%
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	14.3%	23.5%	22.5%	24.3%	17.2%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	—	—	—	24.4%	19.4%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	39.0%	46.3%	43.8%	42.3%	51.6%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY K-6	—	53.2%	42.4%	—	—
JOURNEY K8	29.2%	38.2%	40.0%	44.4%	52.2%
KARVAL ONLINE EDUCATION	42.4%			—	—
MONTE VISTA ON-LINE ACADEMY	33.9%	32.8%	38.7%	32.8%	25.5%
MOUNTAIN VIEW VIRTUAL	—	—	47.3%	56.3%	—
PATHWAYS FUTURE CENTER	*	*	*	61.9%	62.3%
PARAGON LEARNING CENTER	—	—	—	—	96.5%
PEAK VIRTUAL ACADEMY	42.5%	45.5%	60.0%	39.8%	9.7%
PEYTON ONLINE ACADEMY	—	—	—	31.6%	48.8%
PIKES PEAK EARLY COLLEGE	—	—	—	18.4%	12.8%
PIKES PEAK ONLINE SCHOOL	—	—	53.4%	45.9%	37.4%
PSD GLOBAL ACADEMY	37.2%	41.5%	35.6%	30.1%	23.9%
ROCKY MOUNTAIN DIGITAL ACADEMY	—	19.6%	19.4%	25.8%	—
SOUTHWEST COLORADO E-SCHOOL	46.2%	60.0%	39.3%	63.6%	39.4%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	28.5%	27.3%	24.4%	21.7%	13.2%
ST. VRAIN GLOBAL ONLINE ACADEMY	46.2%	50.7%	41.2%	48.5%	54.2%
TCA COLLEGE PATHWAYS	28.4%	20.0%	19.4%	13.1%	4.4%
THOMPSON ONLINE	46.8%	—	—	—	—
VALIANT ACADEMY	63.4%	68.7%	40.1%	35.1%	41.0%
V.I.L.A.S. ONLINE SCHOOL	17.0%	31.8%	17.8%	—	—
WORLD ACADEMY	47.3%	60.5%	52.4%	67.4%	84.3%
PEAK VIRTUAL ACADEMY	23.4%	26.9%	25.3%	27.2%	29.6%
PEYTON ONLINE ACADEMY	14.3%	23.5%	22.5%	24.3%	17.2%
PIKES PEAK EARLY COLLEGE	—	—	—	24.4%	19.4%
PIKES PEAK ONLINE SCHOOL	39.0%	46.3%	43.8%	42.3%	51.6%
PSD GLOBAL ACADEMY	—	53.2%	42.4%	—	—
ROCKY MOUNTAIN DIGITAL ACADEMY	29.2%	38.2%	40.0%	44.4%	52.2%
SOUTHWEST COLORADO E-SCHOOL	42.4%			—	—
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	33.9%	32.8%	38.7%	32.8%	25.5%
ST. VRAIN GLOBAL ONLINE ACADEMY	—	—	47.3%	56.3%	—
TCA COLLEGE PATHWAYS	*	*	*	61.9%	62.3%
THOMPSON ONLINE	—	—	—	—	96.5%
VALIANT ACADEMY	42.5%	45.5%	60.0%	39.8%	9.7%
V.I.L.A.S. ONLINE SCHOOL	—	—	—	31.6%	48.8%
WORLD ACADEMY	—	—	—	18.4%	12.8%

*School operating but did not have online school designation

—School not in operation

Accountability

BACKGROUND

The Education Accountability Act of 2009 (S.B. 09-163) authorizes CDE to conduct an annual review of the performance of public schools and districts in the state. Each year, CDE assigns districts an accreditation rating and makes recommendations for school plan types to the State Board of Education. The School Performance Framework (SPF) is an annual report that summarizes a school's performance based on ratings for achievement and growth on state assessments. For high schools, postsecondary measures include graduation rates, drop-out rates, college entrance exams and college matriculation rates. The SPF includes the annual plan type assignment that the school has earned based on these measures.

The ratings that are included on the SPF are determined by the percentage of points earned on three performance indicators which are Achievement, Growth and Post-Secondary and Workforce Readiness (PWR). If a school serves elementary or middle school grade levels, it is only evaluated on Achievement (40% of overall SPF points) and Growth (60% of overall SPF points). Schools that serve high school grade levels are evaluated on Achievement (30% of overall SPF points), Growth (40% of overall SPF points) and PWR (30% of overall SPF points). Each indicator is comprised of different sub-indicators. Points are assigned at the sub-indicator level and then are aggregated at the performance indicator level and ultimately roll up to an overall school rating and plan type assignment.

The school plan types that a school may be assigned on the SPF are Performance, Improvement, Priority Improvement and Turnaround. Occasionally, a school may not have the required minimum amount of tested students required for a performance indicator and because of this, there is not sufficient data to be able to assign an overall rating. In these cases, the school's SPF will state that the school has received an "Insufficient State Data" rating.

School Performance Frameworks are based on a requirement that at least 95 percent of students in tested grades participate in the Mathematics, English Language Arts, and Science state assessments (currently CMAS, PSAT and SAT). If a school does not meet the 95 percent test participation requirement, the school's overall plan type could be lowered by one level and will be noted as such on the school's SPF report (it will read, "Decreased Due to Participation"). It is important to note that State Board of Education policy allows parents to excuse students from state assessments and also not have the school penalized for such non-participation. Students who are excused from assessments by parents are treated as exempt in the participation rate calculation. In these circumstances where schools have less than 95 percent of students participating in state assessments due to parent excusal, the SPF report will include a rating notation of "Low Participation." The "Low Participation" designation exists so that the public is aware that the outcome measures included on the SPF may not be representative of the student population as a whole.

Preliminary SPF ratings, which are determined by a rules-based calculation, can sometimes be revised through the "Request to Reconsider" process. The Request to Reconsider process is triggered by a formal request submitted by an authorizer on behalf of a school and is based on a review of local performance data and other contextual factors. When a request is approved, the official school plan

type rating may not be consistent with the rating from the calculations in the SPF. Schools that have had the school plan type revised through the process will have a note that the SPF has been revised.

ACCOUNTABILITY FOR ALTERNATIVE EDUCATION CAMPUSES

An Alternative Education Campus (AEC) is defined in statute as a school that has a specialized mission to serve a high-risk student population and has a nontraditional instructional delivery. Ninety percent of the student population must meet one or more of the conditions as outlined in statute to qualify for designation as an AEC. As outlined in §22-7-604.5, C.R.S., a high-risk student is a student that meets one or more of the following conditions:

- Juvenile delinquency adjudication
- Dropped out of school
- Expelled from school
- History of personal drug use or alcohol use
- History of personal gang involvement
- History of child abuse or neglect/foster care
- Has a parent or guardian in prison

- Has an individualized education plan
- Family history of domestic violence
- Repeated school suspensions
- Pregnant or parenting
- Migrant child
- Homeless child
- History of serious psychiatric or behavioral disorder
- Over-age, under-credited

The Education Accountability Act authorizes the Department to conduct a distinct performance review, with additional indicators and adjusted expectations, for those schools that meet the definition of an AEC. In order to distinguish between school types in a final SPF rating, all AECs will have "AEC" noted in the rating name. For example, rather than having a rating of "Performance" an AEC will receive a rating of "AEC: Performance."

In addition to the three common indicators included on the traditional SPF (Academic Achievement (15 percent), Academic Growth (35 percent) and Postsecondary and Workforce Readiness (30 percent)), schools that are designated as AEC's have the additional required measure of Student Engagement (20 percent). The Student Engagement indicator is defined as a student's sense of belonging, safety and involvement in school that leads to academic achievement, regular attendance, and postsecondary and workforce readiness.

In the 2018-19 school year, seven multi-district online schools and three single-district online schools were designated as AECs. These schools are listed in Table 13 below:

Table 13: Online Schools with AEC Designation for the 2018-19 School Year

AUTHORIZER	ONLINE SCHOOL	ONLINE TYPE
ADAMS 12 FIVE STAR SCHOOLS	PATHWAYS FUTURE CENTER	SINGLE-DISTRICT
COLORADO SPRINGS 11	ACHIEVE ONLINE	MULTI-DISTRICT
DISTRICT 49	GOAL ACADEMY	MULTI-DISTRICT
DOUGLAS COUNTY RE 1	HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	MULTI-DISTRICT
LAS ANIMAS RE-1	AIM GLOBAL	MULTI-DISTRICT

AUTHORIZER	ONLINE SCHOOL	ONLINE TYPE
PUEBLO COUNTY 70	70 ONLINE	Multi-district
ST VRAIN VALLEY RE 1J	ST. VRAIN GLOBAL ONLINE ACADEMY	Single-district
EDUCATION REENVISIONED BOCES	PIKES PEAK ONLINE SCHOOL	Multi-district
JEFFERSON COUNTY R-1	JEFFCO VIRTUAL ACADEMY	Multi-district
PUEBLO CITY 60	PARAGON LEARNING CENTER	Single-district

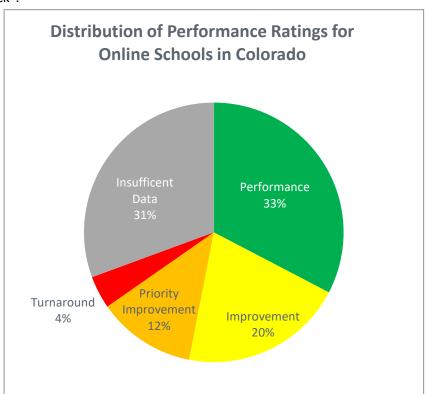## CURRENT PERFORMANCE FRAMEWORK PLAN ASSIGNMENTS FOR ONLINE SCHOOLS

As created under the Education Accountability Act of 2009, the accountability system in Colorado is based on the belief that every student should receive an excellent education and graduate ready to succeed. Successful schools and districts are recognized and serve as models, while those that are struggling receive support

In Colorado, multi-district and single-district online schools are held to the same reporting and accountability standards as any public school in the state and are assigned a school plan type rating based on the same applicable rating formula. Single-district online programs are not considered schools and accountability for the students is held at the brick and mortar school within the school district that serves as the official enrollment school for the student.

If a school or district receives a plan type of Priority Improvement or Turnaround for five consecutive years, then the State Board of Education must direct action to the local board of education. This is also known as the "Accountability Clock".

For 2018-19, 16 percent of online schools (figure 7) were assigned a school plan type rating of Priority Improvement or Turnaround and were on the Accountability Clock as compared to 8.6 percent of non-online schools. This is a decrease from the publication of the last report in 2014 when nearly half (46 percent) of all online schools were assigned the lowest two school plan types on the 2013 SPF. Table 14 displays the number of school with ratings of Priority Improvement, Turnaround or Insufficient State Data.

Figure 7: 2018 Performance Plan Types for Online Schools

SCHOOL PERFORMANCE FRAMEWORK 2014-PRESENT

When the last Online Summary Report was published, there were 10 multi-district online schools and six single-district online schools that were on the Accountability Clock with ratings of either Priority Improvement or Turnaround for the 2012-13 school year. For the 2017-18 school year, seven multi-district online schools and one single-district online school were assigned ratings of either Priority Improvement or Turnaround and are on the Accountability Clock. In addition, there is one single district online school that has a rating of Insufficient State Data and is on the Accountability Clock. Table 15 shows plan type ratings for each online school over the last five years.

Table 14: Online Schools on Accountability Clock by Year[7]

YEAR/RATING	SPF 2013	SPF 2014	SPF 2016	SPF 2017	SPF 2018
PRIORITY IMPROVEMENT RATING	5	5	10	7	6
TURNAROUND RATING	11	5	2	0	2
INSUFFICIENT STATE DATA	N/A	N/A	1	1	1
TOTAL	16	10	13	8	9

Table 15: School Performance Framework Ratings by Online School from SY2013-SY2017

KEY	
AEC = ALTERNATIVE EDUCATION CAMPUS	NR-OP = NO SPF RATING. OPERATING AS ONLINE PROGRAM
DDP = DECREASED DUE TO PARTICIPATION	NSCO = NEW SCHOOL. PREVIOUSLY PART OF OTHER SCHOOL. DATA CARRIED OVER FOR CURRENT PLAN TYPE
INSF = INSUFFICIENT STATE DATA	NSDA = NEW SCHOOL, DISTRICT ASSIGNED PLAN TYPE
IDDA = INSUFFICIENT DATA, DISTRICT ASSIGNED PLAN TYPE	UNDERLINED = REVISED
LP = LOW PARTICIPATION	STP = SMALL TESTED POPULATION

ONLINE SCHOOL(S) BY AUTHORIZER	SPF 2014	SPF 2016	SPF 2017	SPF 2018
ACADEMY 20				
ACADEMY ONLINE	P	P	I-DDP	P-LP
JOURNEY K8	P	P-LP	P-LP	P-LP
TCA COLLEGE PATHWAYS	P	P-LP	P-LP	P-LP
ADAMS 12 FIVE STAR SCHOOLS				
PATHWAYS FUTURE CENTER		AEC:PI	AEC:I	AEC:I
ADAMS-ARAPAHOE 28J				
APS ONLINE SCHOOL	AEC:P	AEC:PI	AEC:I	CLOSED
BOULDER VALLEY RE 2				
BOULDER UNIVERSAL	PI-DDP	INSF-LP	I-DDP	I-DDP

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[7] Due to the transition in state assessments, plan type ratings were not assigned in 2015.

ONLINE SCHOOL(S) BY AUTHORIZER	SPF 2014	SPF 2016	SPF 2017	SPF 2018
BRANSON REORGANIZED 82				
BRANSON SCHOOL ONLINE	I	P	I-LP	I-LP
BYERS 32J				
COLORADO VIRTUAL ACADEMY (COVA)	I	P-LP	P-LP	INSF-LP
COLORADO DIGITAL ACADEMY – ELEMENTARY	NSDA-P	P-LP	INSF-LP	INSF-LP
COLORADO DIGITAL ACADEMY – MIDDLE	NSDCO-I	P-LP	INSF-LP	P-LP
ELEVATE ACADEMY ELEMENTARY SCHOOL				NSCO-T
ELEVATE ACADEMY MIDDLE SCHOOL				NSCO-I-LP
ELEVATE ACADEMY HIGH SCHOOL*	NSDA-P	PI-LP	PI-LP	PI-LP
VALIANT ACADEMY ELEMENTARY SCHOOL				NSDA-INSF-STP
VALIANT ACADEMY MIDDLE SCHOOL				NSDA-INSF-LP
VALIANT ACADEMY HIGH SCHOOL*	P	I-LP	INSF-LP	INSF-LP
CANON CITY RE-1				
CANON ONLINE ACADEMY	T	I	CLOSED	CLOSED
CENTER 26 JT				
CENTER VIRTUAL ACADEMY	I	IDDA-P	IDDA-P	INSF
CHARTER SCHOOL INSTITUTE (CSI)				
COLORADO PROVOST ACADEMY	PI	CLOSED	CLOSED	CLOSED
COLORADO SPRINGS 11				
ACHIEVE ONLINE	AEC:I	AEC:P	AEC:P	AEC:P
DELTA COUNTY 50(J)				
ACHIEVE BLENDED LEARNING ACADEMY		NSDA-P	IDDA-STP-P	IDDA-STP
DENVER COUNTY 1				
DENVER ONLINE HIGH SCHOOL	I	I-DDP	I-DDP	PI -DDP
DOUGLAS COUNTY RE 1				
EDCSD	PI-DDP	INSF-LP	INSF-LP	INSF
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	T	PI	PI	PI
HOPE ONLINE LEARNING ACADEMY MIDDLE	T	PI	PI	I
HOPE ONLINE LEARNING ACADEMY HIGH	AEC:P	AEC:P	AEC:P	AEC:I
DISTRICT 49				
GOAL ACADEMY	AEC:I	AEC:P	AEC:I	AEC:I
PIKES PEAK EARLY COLLEGE		NSDA-P	IDDA-P	INSF

ONLINE SCHOOL(S) BY AUTHORIZER	SPF 2014	SPF 2016	SPF 2017	SPF 2018
DISTRICT 49				
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	P	P	P-LP	P-LP
DURANGO 9				
COLORADO CONNECTIONS @ DURANGO		NSDA-P	PI-DDP	P-LP
EAGLE COUNTY RE 50				
WORLD ACADEMY	T	IDDA-P	INSF-LP	INSF-LP
EDISON 54 JT				
EDISON ACADEMY	P	IDDA-P	CLOSED	CLOSED
EDUCATION REENVISIONED BOCES				
COLORADO PREPARATORY ELEMENTARY SCHOOL				NSCO-T-LP
COLORADO PREPARATORY MIDDLE SCHOOL				NSCO-PI-DDP
COLORADO PREPARATORY ACADEMY HIGH SCHOOL*	I	PI-LP	PI-LP	I-DDP
MOUNTAIN VIEW VIRTUAL		INSF-LP	CLOSED	CLOSED
PIKES PEAK ONLINE SCHOOL		T-LP	PI-LP	AEC:P
ROCKY MOUNTAIN DIGITAL ACADEMY	NEW SCHOOL	PI-LP	CLOSED	CLOSED
GREELEY 6				
ENGAGE ONLINE ACADEMY	T	T-LP	CLOSED	CLOSED
HANOVER 28				
HANOVER ONLINE ACADEMY			NSDA-P	INSF:STP
HOLYOKE RE-1J				
HOLYOKE ALTERNATIVE SCHOOL	NSDA-P	IDDA-P-STP	INSF	INSF-STP
JEFFERSON COUNTY R-1				
JEFFCO VIRTUAL ACADEMY	AEC-P	INSF-LP	INSF-LP	AEC:P
JULESBURG RE-1				
DESTINATIONS CAREER ACADEMY OF COLORADO	PI	PI-LP	I-LP	I-LP
LAS ANIMAS RE-1				
AIM GLOBAL		NSDA-P	AEC:P	AEC:P
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS		NSDA-P	I-DDP	P-LP
MAPLETON 1				
COLORADO CONNECTIONS @ MAPLETON	I	PI-DDP	PI-DDP	PI-DDP

ONLINE SCHOOL(S) BY AUTHORIZER	SPF 2014	SPF 2016	SPF 2017	SPF 2018
MESA COUNTY VALLEY 51				
GRAND RIVER ACADEMY	I	INSF-LP	P-LP	I-LP
MONTE VISTA C-8				
MONTE VISTA ON-LINE ACADEMY	I	INSF-LP	INSF-LP	INSF-LP
MONTROSE COUNTY RE-1J				
PEAK VIRTUAL ACADEMY	I	I-LP	P-LP	P
PEYTON 23 JT				
PEYTON ONLINE ACADEMY		NSDA-P	INSF-STP	INSF-STP
POUDRE R-1				
PSD GLOBAL ACADEMY	P	P	P-LP	P-LP
PUEBLO CITY 60				
PARAGON LEARNING CENTER	NR-OP	NR-OP	NSDA-I	AEC: P
PUEBLO COUNTY 70				
70 ONLINE	AEC:P	AEC:P	AEC:P	AEC:P
SAN JUAN BOCES				
SOUTHWEST COLORADO E-SCHOOL	PI	IDDA-STP-I	INSF	INSF-LP
SCHOOL DISTRICT 27J				
BOLT ACADEMY	I	IDDA-STP-I	I-LP	PI-DDP
ST VRAIN VALLEY RE 1J				
ST. VRAIN GLOBAL ONLINE ACADEMY	AEC:P	PI	AEC:P	AEC:P
VILAS RE-5				
V.I.L.A.S. ONLINE SCHOOL	P	CLOSED	CLOSED	CLOSED

*EMH (Elementary, Middle, High)

ALTERNATIVE EDUCATION CAMPUS RATINGS

In the 2018-19 school year, seven multi-district online schools and three single-district online schools were designated as Alternative Education Campuses (AECs). Seven online schools that were designated as AECs that same year received a rating of AEC: Performance and three online schools received a rating of AEC: Improvement. No AEC online schools received the lowest ratings of AEC: Priority Improvement or AEC: Turnaround. Table 16 below shows the SPF rating for each online school designated as an AEC.

Table 16: 2017-18 Online School SPF Ratings for Schools with AEC Designation

AUTHORIZER	ONLINE SCHOOL	ONLINE TYPE	2017-18 SPF RATING
ADAMS 12 FIVE STAR SCHOOLS	PATHWAYS FUTURE CENTER	SINGLE-DISTRICT	AEC: IMPROVEMENT
COLORADO SPRINGS 11	ACHIEVE ONLINE	MULTI-DISTRICT	AEC: PERFORMANCE
DISTRICT 49	GOAL ACADEMY	MULTI-DISTRICT	AEC: IMPROVEMENT
DOUGLAS COUNTY RE 1	HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	MULTI-DISTRICT	AEC: IMPROVEMENT

AUTHORIZER	ONLINE SCHOOL	ONLINE TYPE	2017-18 SPF RATING
LAS ANIMAS RE-1	AIM GLOBAL	Multi-district	AEC: Performance
PUEBLO COUNTY 70	70 ONLINE	Multi-district	AEC: Performance
ST VRAIN VALLEY RE 1J	ST. VRAIN GLOBAL ONLINE ACADEMY	Single-district	AEC: Performance
EDUCATION REENVISIONED BOCES	PIKES PEAK ONLINE SCHOOL	Multi-district	AEC: Performance
JEFFERSON COUNTY R-1	JEFFCO VIRTUAL ACADEMY	Multi-district	AEC: Performance
PUEBLO CITY 60	PARAGON LEARNING CENTER	Single-district	AEC: Performance

Student Achievement and Growth

BACKGROUND

Colorado's statewide assessment system is based on the Colorado Academic Standards (CAS), which are the expectations of what students should know by the end of each grade level.   Currently, to measure student mastery of the skills and expectations aligned with the CAS, students in third through eighth grades are given the Colorado Measures of Academic Success (CMAS) assessment.   Students in ninth and 10th grades are given the Preliminary SAT and students in 11th grade are given the SAT.

The Online Summary Report released in 2014 provided information for student achievement and growth based on the Colorado Student Assessment Program (CSAP) which had been the state assessment in Colorado for 16 years prior. CSAP was based on the Colorado Model Content Standards.

Beginning in 2015, following a comprehensive revision to the Colorado Academic Standards, and also following a period of time where the state used a transitional assessment known as TCAP, the statewide assessment administered to students in Colorado was changed to CMAS. Students in third through eighth grades now take CMAS assessments in English Language Arts/Literacy (ELA) and Mathematics. Students in fifth, eighth, and 11th grades take a CMAS Science assessment, and students in grades 4th and 7th take a CMAS Social Studies assessment though a sampling process in which approximately one-third of schools participate annually[8].

Also, beginning in 2001, Colorado administered a college entrance exam to students in 11th grade. In the 2014, 2015, and 2016 school year, the college entrance exam given to 11th grade students was the Colorado American College Test (ACT). In 2015, the Colorado legislature passed H. B. 15-1323, which required the state to competitively bid for a new 10th grade exam as well as an 11th grade entrance exam aligned to the Colorado Academic Standards. The PSAT was selected for 10th grade students and the SAT was selected for 11th grade students. Beginning in the 2017-18 school year, students in ninth grade were administered the PSAT 8/9. Beginning in 2016, 10th grade students were administered the PSAT 10 and students in 11th grade were administered the SAT. Table 17 lists the state assessments administered to each grade level each year.

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[8] Analysis of the Social Studies CMAS data is not included in this report due to the small sample size.

Table 17: Colorado State Assessments from SY2013-SY2018

SCHOOL YEAR	ASSESSMENT	GRADES	CONTENT AREA
2013-14	TCAP	3RD – 10TH	READING
		3RD – 10TH	WRITING
		3RD – 10TH	MATHEMATICS
	CMAS	5TH AND 8TH	SCIENCE
		4TH AND 7TH	SOCIAL STUDIES
	CO ACT	11TH	ENGLISH
			READING
			MATHEMATICS
2014-15	CMAS (PARCC)	3RD-11TH	ENGLISH LANGUAGE ARTS
		3RD-10TH	MATHEMATICS
		5TH AND 8TH	SCIENCE
		4TH AND 7TH	SOCIAL STUDIES
	COLORADO ACT	11TH	ENGLISH
			READING
			MATHEMATICS
2015-16	CMAS (PARCC)	3RD-9TH	ENGLISH LANGUAGE ARTS
		3RD-9TH	MATHEMATICS
		5TH, 8TH AND 11TH	SCIENCE
		4TH AND 7TH	SOCIAL STUDIES
	COLORADO PSAT	10TH	EVIDENCED BASED READING AND WRITING
			MATHEMATICS
	COLORADO ACT	11TH	ENGLISH
			READING
			MATHEMATICS
2016-17	CMAS	3RD-9TH	ENGLISH LANGUAGE ARTS
		3RD-9TH	MATHEMATICS
		5TH, 8TH AND 11TH	SCIENCE
		4TH AND 7TH	SOCIAL STUDIES
	COLORADO PSAT	10TH	EVIDENCED BASED READING AND WRITING
			MATHEMATICS
	COLORADO SAT	11TH	EVIDENCED BASED READING AND WRITING
			MATHEMATICS
2017-18	CMAS	3RD-8TH	ENGLISH LANGUAGE ARTS

SCHOOL YEAR	ASSESSMENT	GRADES	CONTENT AREA
2017-18	CMAS	3RD-8TH	ENGLISH LANGUAGE ARTS
	CMAS	3RD-8TH	MATHEMATICS
	COLORADO PSAT	9TH AND 10TH	EVIDENCED BASED READING AND WRITING
			MATHEMATICS
	COLORADO SAT	11TH	EVIDENCED BASED READING AND WRITING
			MATHEMATICS

CMAS STUDENT PERFORMANCE LEVELS AND PERFORMANCE LEVEL CUT SCORES

Performance levels describe how well students meet the Colorado Academic Standards expectations of their grade level. As shown in Table 18, there are five performance levels for the CMAS ELA and Math assessments. The CMAS Science and Socials Studies assessments have four performance levels. Students who "Met Expectations" or "Exceeded Expectations" are considered to be on track for college and career readiness in the content areas of language arts, math, science, and/or social studies.

Students who take the CMAS assessment earn an overall scale score. During the standard setting process, score ranges were set that define each performance level.

Table 18: CMAS Student Performance Levels and Cut Scores by Grade and Content Area

CMAS PERFORMANCE LEVELS	
MATHEMATICS AND ENGLISH LANGUAGE ARTS	LEVEL 5: EXCEEDED EXPECTATIONS LEVEL 4: MET EXPECTATIONS LEVEL 3: APPROACHED EXPECTATIONS LEVEL 2: PARTIALLY MET EXPECTATIONS LEVEL 1: DID NOT YET MEET EXPECTATIONS
SCIENCE AND SOCIAL STUDIES	LEVEL 4: EXCEEDED EXPECTATIONS LEVEL 3: MET EXPECTATIONS LEVEL 2: APPROACHED EXPECTATIONS LEVEL 1: PARTIALLY MET EXPECTATIONS

GRADE LEVEL	DID NOT YET MEET EXPECTATIONS	PARTIALLY MET EXPECTATIONS	APPROACHED EXPECTATIONS	MET EXPECTATIONS	EXCEEDED EXPECTATIONS
		CMAS PERFORMANCE LEVEL CUT SCORES			
		ENGLISH LANGUAGE ARTS			
GRADE 3	650-699	700-724	725-749	750-809	810-850
GRADE 4	650-699	700-724	725-749	750-789	790-850
GRADE 5	650-699	700-724	725-749	750-798	799-850
GRADE 6	650-699	700-724	725-749	750-789	790-850
GRADE 7	650-699	700-724	725-749	750-784	785-850
GRADE 8	650-699	700-724	725-749	750-793	794-850
		MATH			
GRADE 3	650-699	700-724	725-749	750-789	790-850

GRADE LEVEL	DID NOT YET MEET EXPECTATIONS	PARTIALLY MET EXPECTATIONS	APPROACHED EXPECTATIONS	MET EXPECTATIONS	EXCEEDED EXPECTATIONS
			CMAS PERFORMANCE LEVEL CUT SCORES		
			MATH		
GRADE 4	650-699	700-724	725-749	750-795	796-850
GRADE 5	650-699	700-724	725-749	750-789	790-850
GRADE 6	650-699	700-724	725-749	750-787	790-850
GRADE 7	650-699	700-724	725-749	750-785	788-850
GRADE 8	650-699	700-724	725-749	750-800	801-850
			SOCIAL STUDIES		
GRADE 4	N/A	300-556	557-698	699-792	793-900
GRADE 7	N/A	300-591	592-700	701-769	770-900
			SCIENCE		
GRADE 5	N/A	300-545	546-649	650-770	771-900
GRADE 8	N/A	300-555	556-651	652-784	785-900
HIGH SCHOOL	N/A	300-542	543-672	673-773	774-900

TRENDS WITH PARTICIPATION RATES

Currently in Colorado, CMAS assessments are the common measurement for students in third through eighth grades. Participation in state assessments is a way for students, parents, schools and districts to understand whether students have mastered grade-level content and are on track to be college or career ready after graduation. Currently, state law allows parents to excuse their students from participating in state assessments. Districts are not able to impose negative consequences on students or parents if a parent excuses their student from taking an assessment. Similarly, districts also cannot impose burdens on students that would discourage them from participating in assessments.

Online schools have experienced noticeably lower participation rates for state assessments as compared to non-online schools. As displayed by Figures 8 – 9, participation rates on the ELA and Math CMAS assessments for online schools have been lower as compared to non-online schools. This difference has continued to grow over time as well. Participation rates among online schools have decreased over time while participation rates in non-online schools have increased.
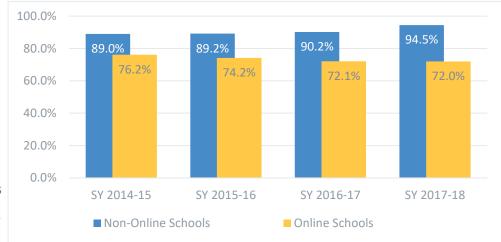

Figure 8: Colorado CMAS ELA participation from SY2014-15-SY2017-18 by school type.
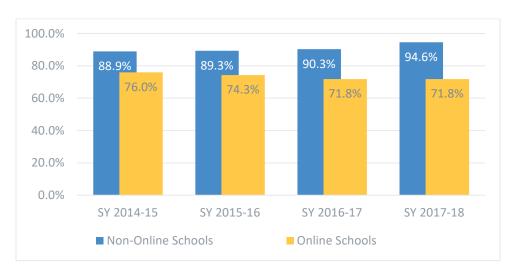
Figure 9: Colorado CMAS Math participation from SY2014-15-SY2017-18 by school type.

Figure 12 includes the participation rates in both the 2018 ELA and Math assessments for each individual online school. To protect individual student data, CDE suppresses any data with an "n" count lower than sixteen and therefore six online schools are not included in Figure 12 on page 40.

Similar to the CMAS assessment participation rate, online schools show lower participation rates in the PSAT and SAT exams. Figures 10 – 11 show participation rates on the PSAT exam from SY2015 to SY2017 and the SAT exam from SY2016 to SY2017.
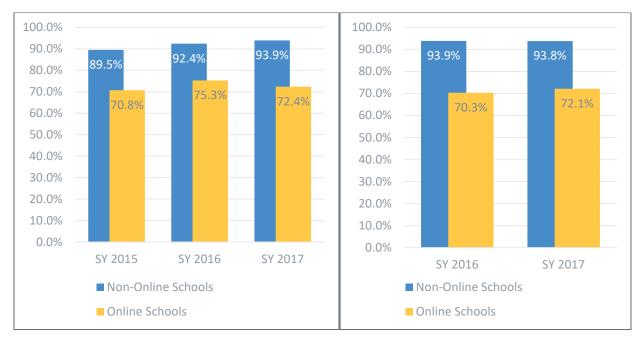

Figure 10: Colorado PSAT participation from SY2015-SY2017 by school type.

Figure 11: Colorado SAT participation from SY2016-SY2017 by school type.

2018 CMAS Online School Participation Rate

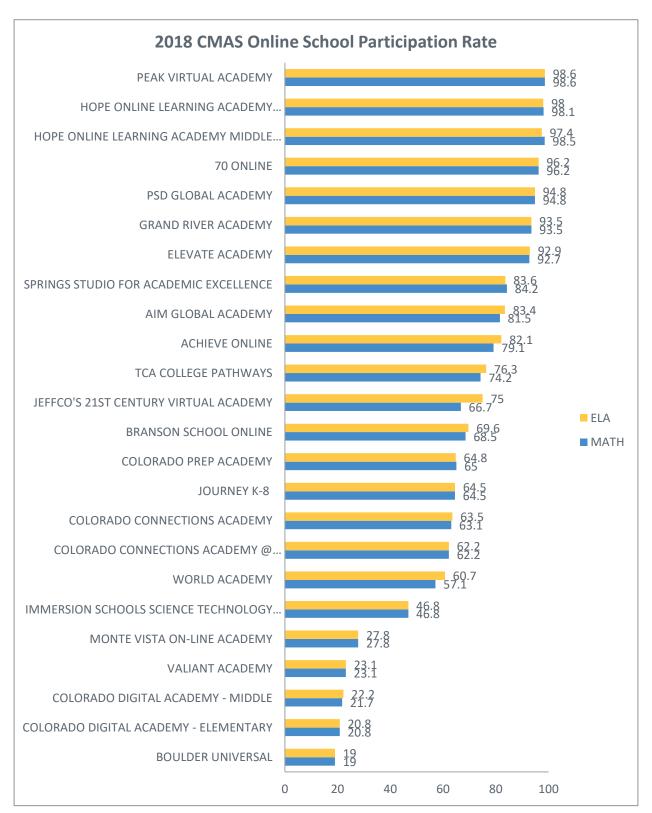| School	ELA	MATH
PEAK VIRTUAL ACADEMY	98.6	98.6
HOPE ONLINE LEARNING ACADEMY…	98	98.1
HOPE ONLINE LEARNING ACADEMY MIDDLE…	97.4	98.5
70 ONLINE	96.2	96.2
PSD GLOBAL ACADEMY	94.8	94.8
GRAND RIVER ACADEMY	93.5	93.5
ELEVATE ACADEMY	92.9	92.7
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	83.6	84.2
AIM GLOBAL ACADEMY	83.4	81.5
ACHIEVE ONLINE	82.1	79.1
TCA COLLEGE PATHWAYS	76.3	74.2
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	75	66.7
BRANSON SCHOOL ONLINE	69.6	68.5
COLORADO PREP ACADEMY	64.8	65
JOURNEY K-8	64.5	64.5
COLORADO CONNECTIONS ACADEMY	63.5	63.1
COLORADO CONNECTIONS ACADEMY @…	62.2	62.2
WORLD ACADEMY	60.7	57.1
IMMERSION SCHOOLS SCIENCE TECHNOLOGY…	46.8	46.8
MONTE VISTA ON-LINE ACADEMY	27.8	27.8
VALIANT ACADEMY	23.1	23.1
COLORADO DIGITAL ACADEMY - MIDDLE	22.2	21.7
COLORADO DIGITAL ACADEMY - ELEMENTARY	20.8	20.8
BOULDER UNIVERSAL	19	19

Figure 12: ELA and Math CMAS participation rate for the 2017-18 school year by online school

MEAN SCALE SCORES

Prior to 2016, the percentage of students meeting or exceeding grade level expectations was utilized for performance frameworks for accountability determinations. This method was also used in the previous CDE 2014 Online Summary Report to provide information about how students enrolled in online schools performed as compared to students enrolled in non-online schools. Beginning in the fall of 2016, the use of mean scale scores for CMAS was included in both the district and school performance frameworks and replaced the use of the percentage of students achieving benchmarks on state assessments. Data from CDE's Data Lab was used to illustrate mean scale scores in this report.

ONLINE STUDENT MEAN SCALE SCORES VS. NON-ONLINE MEAN SCALE SCORES

For Figures 13 and 14 below, the grade levels included for the school year 2014-15 in the English Language Arts content area are third through eleventh and grade levels third through tenth for the Mathematics content area. For school years 2015-16 and 2016-17, the grade levels included are third through ninth for both English Language Arts and Mathematics. For school year 2017-18, the grade levels included for both English Language Arts and Mathematics are third through eighth.
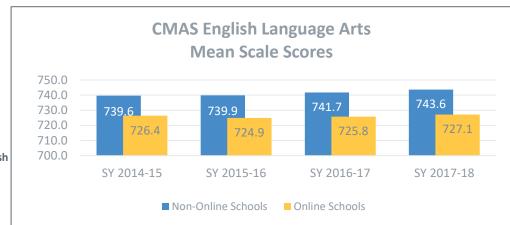
Figure 13: CMAS English Language Arts Mean Scale Scores from SY2014-15-SY2017-18
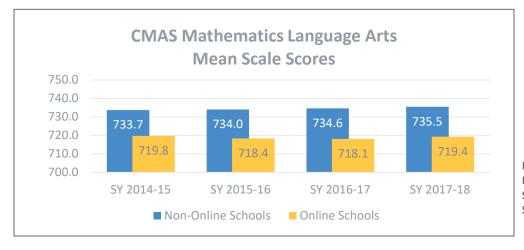

CMAS English Language Arts Mean Scale Scores

Figure 14: CMAS Mathematics Mean Scale Scores from SY2014-15-SY2017-18

CMAS Mathematics Language Arts Mean Scale Scores

A review of Figures 13-14 above shows that the mean scale scores for students enrolled in online schools are lower than non-online students in the areas of English Language Arts (ELA), Mathematics,

and Science. Student performance is relatively flat in the areas of ELA and Math. Science mean scale scores increased in the 2015-16 school year and then fell back to 2014-15 levels in the following year.

For Figure 15, the mean scale scores are for fifth and eighth grade students taking the science CMAS.
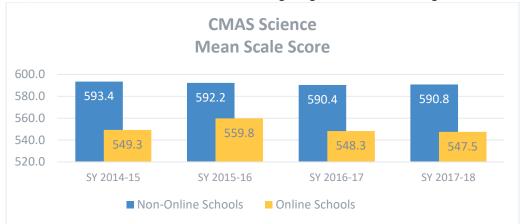

CMAS Science Mean Scale Score

	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
Non-Online Schools	593.4	592.2	590.4	590.8
Online Schools	549.3	559.8	548.3	547.5

Figure 15: CMAS Science Mean Scale Scores from SY2014-15-SY2017-18

MEDIAN GROWTH PERCENTILES

A median growth percentile (MGP) summarizes student growth rates as they relate to a larger group of students. The median is calculated by taking the individual student growth percentiles of all the students in the group being analyzed, ordering them from lowest to highest, and identifying the middle score, the median. Similar to an "average", a median summarizes the group in a single number that is fairly calculated to reflect the group as a whole.

The median growth percentile is used as a metric to describe how well a group of students is growing in comparison with other groups. These can be groups that actually consist of people in the same place at the same time, such as all the kids in a school, or they can be other groupings, such as all the Hispanic 7th grade students across Colorado. The median growth percentile describes how much growth a group as a whole is achieving. Knowing these growth levels can help provide insight into how a school or program is helping students to progress in learning the Colorado Academic Standards (CAS) compared to the prior year. Data from CDE's Data Lab was used to illustrate the MGP graphs in this report.

ONLINE STUDENT MGP VS. STATE MGP

A review of Figures 16-17 below shows that the MGP for students enrolled in online schools are lower than for non-online students the areas of English Language Arts and Mathematics.
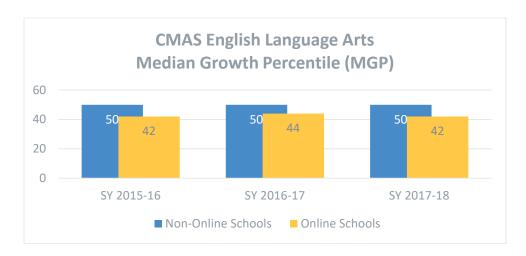
CMAS English Language Arts
Median Growth Percentile (MGP)

SY 2015-16: Non-Online Schools 50, Online Schools 42
SY 2016-17: Non-Online Schools 50, Online Schools 44
SY 2017-18: Non-Online Schools 50, Online Schools 42

■ Non-Online Schools   ■ Online Schools

Figure 16: CMAS ELA Median Growth Percentiles from SY2015-SY2017

CMAS Mathematics
Median Growth Percentile (MGP)

SY 2015-16: Non-Online Schools 50, Online Schools 41
SY 2016-17: Non-Online Schools 50, Online Schools 42.5
SY 2017-18: Non-Online Schools 50, Online Schools 45

■ Non-Online Schools   ■ Online Schools

Figure 17: CMAS Mathematics Median Growth Percentiles from SY2015-SY2017

COLORADO PSAT AND SAT ACHIEVEMENT AND GROWTH

The Colorado PSAT is aligned to the Colorado Academic Standards and focuses on the knowledge, skills, and understanding that have been identified by research as the most important for college and career readiness. The PSAT is taken by ninth and tenth graders and tests in the areas of Evidenced Based Reading and Writing and Mathematics. The PSAT is also viewed as a preparation for the SAT and can also identify a student's potential for success in advanced coursework.

In the years that Colorado students have taken the PSAT and SAT, mean scale scores for students in online schools have been lower than mean scale scores for students in non-online schools. Figures 18 – 19 show student mean scale score comparisons in the content areas of Evidence-Based Reading and Writing and Math for both PSAT and SAT. The mean scale scores for tenth grade are included for school years 2015-16 and 2016-17 in Figure 18 below. For school year 2017-18, mean scale scores for ninth and tenth grade are included.
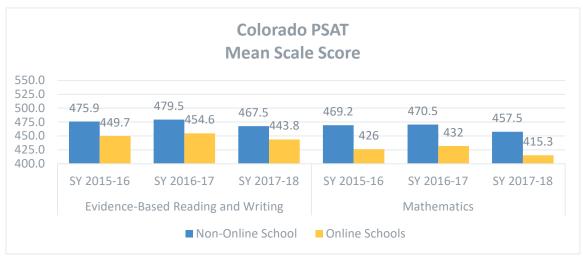
Colorado PSAT
Mean Scale Score

Figure 18: Colorado PSAT Mean Scale Scores from SY2015-SY2017 by subject and school type

Colorado SAT
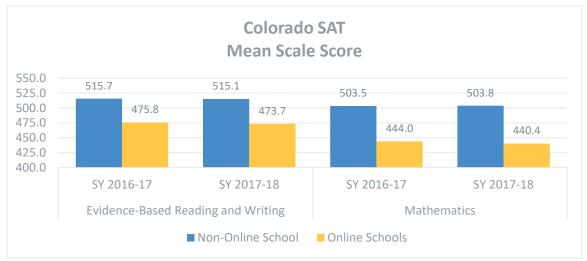## Mean Scale Score

Figure 19: Colorado SAT Mean Scale Scores from SY2015-SY2017 by subject and school type

In the 2016-17 and 2017-18 school years, the state was able to calculate growth percentiles for student performance on the SAT. Based on the data available, growth for students in online schools is also lower than for students in non-online schools. Figure 20 shows these summary results.

Figure 20: Colorado SAT Median Growth Percentile from SY2016-SY2017 by subject and school type

Post-secondary and Workforce Readiness

For online schools that serve high school grade levels, the Post-secondary and Workforce Readiness (PWR) indicator is included on the schools' SPF. The PWR indicator exhibits how well a school is preparing its students for college and the workforce. The sub indicators for PWR include graduation rates, dropout rates, and matriculation rates. The PWR section also includes average scores on the SAT college entrance exams for Mathematics and Evidence- Based Reading and Writing (EBRW).

As shown by enrollment figures, online schools predominantly serve high school students and, within the high school population, online schools predominantly serve students enrolled in either 11th or 12th grade. As such, post-secondary and workforce readiness indicators are of particular importance to online schools.

In the 2018 school year, 26 online schools received PWR ratings on the 2018 frameworks. Of the 26 online schools that serve high school students, 14 schools received a "Does Not Meet" rating and eight schools received an "Approaching" rating for the PWR indicator on the SPF. Two schools received a "Meets" rating and one school received an "Exceeds" rating. One school had an n size smaller than 16, therefore the data could not be reported. In the multi-district online high schools that are designated as AECs, five schools received a "Meets" rating, one school received an "Approaching", and one school received an "Exceeds" rating for the PWR indicator. The PWR indicator for AECs may also include supplemental measures[9] that are not present within the PWR indicator for non-AEC schools.

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[9] For more information about supplemental measures and schools designated as AECs, please visit http://www.cde.state.co.us/accountability/stateaccountabilityaecs.
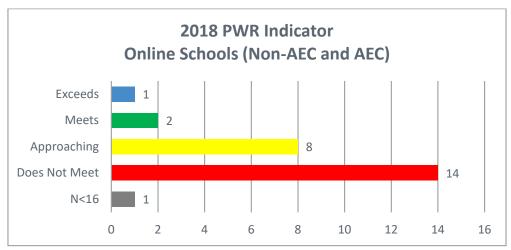
Figure 21: 2018 PWR Indicator for Online Schools (Non-AEC and AEC)

DROPOUT RATE

The dropout rate for the state of Colorado is calculated annually. The rate represents the percentage of all students that are enrolled in grades seven through 12 who leave school during a single school year but do not subsequently enroll in another school or educational program. The dropout rate is released a year after the school year in which the rate is calculated, which means that the dropout rate released in 2019 is calculated based on data from the 2017-18 school year. Due to this lag, the most recent dropout rate included in this report is representative of data from the 2017-18 school year.

Pursuant to statute, a dropout is defined as a "person who leaves school for any reason, except death, before completion of a high school diploma or its equivalent, and who does not transfer to another public or private school or enroll in an approved home study program." The state dropout rate is calculated by dividing the number of dropouts during the school year by the total number of students that were part of the same membership base at any time during the same school year.

As shown in Table 19, for online schools that serve grades seven through 12, aggregated dropout rates are higher than the state dropout rate. Table 20 shows that online schools have frequently seen high variability in their dropout rates year over year. Of the 41 online schools that served grades seven through 12 in the 2017-18 school year, 22 schools have dropout rates higher than the state dropout rate. The other 19 online schools have rates that are lower than the state dropout rate for the 2017-18 school year.

Table 19: Online Schools Aggregated Dropout Rate Compared to State Dropout Rate

SCHOOL YEAR	NUMBER OF DROPOUTS	OVERALL ONLINE SCHOOL DROPOUT RATE	STATE DROPOUT RATE COMPARASION AND PERCENTAGE POINT DIFFERENCE
2014 – 2015	1,671	9%	6.5 POINTS HIGHER (STATE RATE = 2.5%)
2015 – 2016	1,727	9%	6.7 POINTS HIGHER (STATE RATE = 2.3%)
2016 – 2017	1,956	10%	7.7 POINTS HIGHER (STATE RATE = 2.3%)

Table 20: Dropout Rate by Online School from SY2013-SY2017

2017 – 2018	2,219	11%	8.8 POINTS HIGHER (STATE RATE = 2.2%)		
ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
70 ONLINE	11.5%	9.6%	12.8%	10.9%	2.9%
ACADEMY ONLINE	2.2%	2.2%	0.0%	1.5%	1.2%
ACHIEVE ONLINE	5.1%	9.3%	5.8%	4.9%	6.0%
ACHIEVE BLENDED LEARNING ACADEMY				0.0%	0.0%
AIM GLOBAL				5.5%	5.1%
APS ONLINE SCHOOL	20.2%	19.7%	21.7%	14.3%	CLOSED
BOLT ACADEMY	8.3%	7.9%	3.3%	6.6%	2.2%
BOULDER UNIVERSAL	5.1%	2.9%	2.1%	0.0%	0.8%
BRANSON SCHOOL ONLINE	1.3%	1.9%	1.4%	1.2%	3.6%
CANON ONLINE ACADEMY	11.2%	11.1%	8.8%	15.7%	CLOSED
CENTER VIRTUAL ACADEMY	29.4%	46.7%	47.4%	10.0%	32.1%
COLORADO CONNECTIONS ACADEMY	4.4%	4.3%	2.9%	4.1%	5.3%
COLORADO DIGITAL ACADEMY - MIDDLE		1.1%	0.3%	0.0%	0.0%
COLORADO PREPARATORY ACADEMY HIGH SCHOOL[10]	16.1%	16.2%	9.8%	6.8%	10.9%
COLORADO PROVOST ACADEMY	22.7%	27.9%	CLOSED	CLOSED	CLOSED
COLORADO VIRTUAL ACADEMY (COVA)	5.0%	11.0%/1.2%*	1.5%	0.3%	0.5%
COLORADO CONNECTIONS ACADEMY @ DURANGO				7.2%	9.7%
DENVER ONLINE HIGH SCHOOL	2.7%	1.6%	6.8%	12.4%	8.4%
DELTA COUNTY VIRTUAL ACADEMY	13.3%	CLOSED	CLOSED	CLOSED	CLOSED
DESTINATIONS CAREER ACADEMY OF COLORADO[11]	14.3%	15.7%	13.9%	7.6%	3.4%
EDCSD[12]	2.2%	6.1%	3.8%	2.9%	0.0%
EDISON ACADEMY	3.9%	0.0%	10.0%	0.0%	CLOSED
ELEVATE ACADEMY HIGH SCHOOL[13]		0.0%	0.4%	0.0%	0.2%
ENGAGE ONLINE ACADEMY	8.3%	6.8%	5.0%	9.7%	CLOSED
GOAL ACADEMY	17.3%/ 12.3%*	15.1%	19.8%	23.3%	25.4%
GRAND RIVER ACADEMY[14]	4.6%	3.6%	3.3%	0.3%	0.8%
HANOVER ONLINE ACADEMY					33.3%
HOLYOKE ALTERNATIVE SCHOOL		14.3%	10.0%	0.0%	3.7%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	11.9%	10.5%	8.5%	11.6%	10.1%

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[10] Known as COLORADO PREP ACADEMY in school years 14-15, 15-16, and 17-18
[11] Known as INSIGHT SCHOOL OF COLORADO AT JULESBURG in school years 13-14, 14-15, and 15-16
[12] Known as EDCSD: COLORADO CYBER SCHOOL in school years 13-14, 14-15, 15-16, and 17-18
[13] Known as ELEVATE ACADEMY in school years 14-15, 15-16, and 16-17
[14] Known as GRANDE RIVER VIRTUAL ACADEMY in school year 13-14 and GRANDE RIVER VIRTUAL ACADEMY SECONDARY in school year 14-15

ONLINE SCHOOL	SY 2013-14	SY 2014-15	SY 2015-16	SY 2016-17	SY 2017-18
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	1.0%	1.9%	1.6%	3.3%	2.3%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS				0.0%	1.7%
JEFFCO VIRTUAL ACADEMY[15]	8.5%	8.1%	8.3%	8.8%	10.9%
JOURNEY K8[16]	4.3%	5.6%	0.0%	1.4%	0.0%
KARVAL ONLINE EDUCATION	8.6%	CLOSED	CLOSED	CLOSED	CLOSED
MONTE VISTA ON-LINE ACADEMY	8.0%	6.5%	2.5%	3.6%	2.2%
MOUNTAIN VIEW VIRTUAL			18.8%	26.0%	CLOSED
PARAGON LEARNING CENTER					16.2%
PATHWAYS FUTURE CENTER				17.7%	15.3%
PEAK VIRTUAL ACADEMY	3.2%	0.0%	0.0%	1.1%	0.0%
PEYTON ONLINE ACADEMY				5.3%	4.2%
PIKES PEAK EARLY COLLEGE				2.6%	0.0%
PIKES PEAK ONLINE SCHOOL			16.7%	15.3%	20.1%
PSD GLOBAL ACADEMY	9.8%	0.8%	4.0%	0.0%	1.8%
ROCKY MOUNTAIN DIGITAL ACADEMY		2.5%	4.0%	5.5%	CLOSED
SOUTHWEST COLORADO E-SCHOOL	11.8%	12.2%	1.8%	9.3%	0.0%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE[17]	1.9%	0.0%	0.2%	1.0%	0.4%
ST. VRAIN GLOBAL ONLINE ACADEMY	17.7%	12.9%	6.2%	11.4%	9.8%
TCA COLLEGE PATHWAYS	0.0%	0.2%	0.0%	0.0%	0.4%
THOMPSON ONLINE	1.1%	CLOSED	CLOSED	CLOSED	CLOSED
VALIANT ACADEMY HIGH SCHOOL[18]	2.1%	2.4%	0.0%	0.0%	0.0%
V.I.L.A.S. ONLINE SCHOOL	17.6%	7.0%	0.0%	CLOSED	CLOSED
WORLD ACADEMY	17.2%	21.6%	10.6%	11.1%	10.9%
STATE DROPOUT RATE	2.4%	2.5%	2.3%	2.3%	2.2%

*School changed Authorizers; these schools have two rates as enrolled students that attended with the previous Authorizer did not enroll at another school after attending the school when it was authorized by the prior Authorizer

GRADUATION RATE

In the 2009-10 school year, the United States Department of Education required states to implement a four year graduation rate so that state to state comparisons would be consistent. This is also known as the "Anticipated Year of Graduation" (AYG) cohort formula. When a student enters the ninth grade, they are assigned an unchanging AYG.

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[15] Known as JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY in school years 14-15,15-16, and 17-18
[16] Known as ACADEMY CALVERT K-8 ONLINE SCHOOL in school year 15-16 and COLORADO CALVERT ACADEMY in school years 13-14 and 14-15
[17] Known as FALCON VIRTUAL ACADEMY in school years 13-14 and 14-15
[18] Known as VALIANT ACADEMY school year 16-17 and GREAT PLAINS ACADEMY in school years 13-14, 14-15, and 15-16

The four year graduation rate measures the percentage of students who graduate four years after entering ninth grade. Colorado recognizes that some students may need more time to complete their education and calculates five, six, and seven year graduation rates (see Figure 22).[19] The state four-year graduation rate for 2018 was 80.7 percent for the class of 2018. Of the online schools that serve high school students in the 2018-19 school year, seven had graduation rates higher than the state percentage.
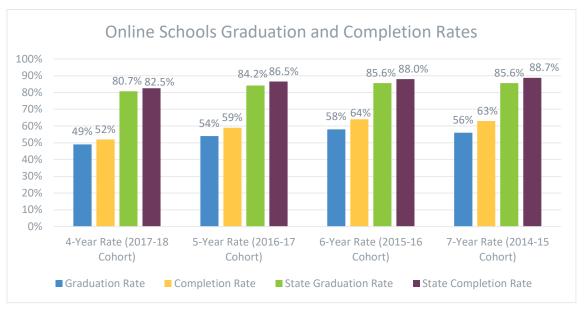

Figure 22: Graduation and Completion Rates for Online Schools from 2014-2018

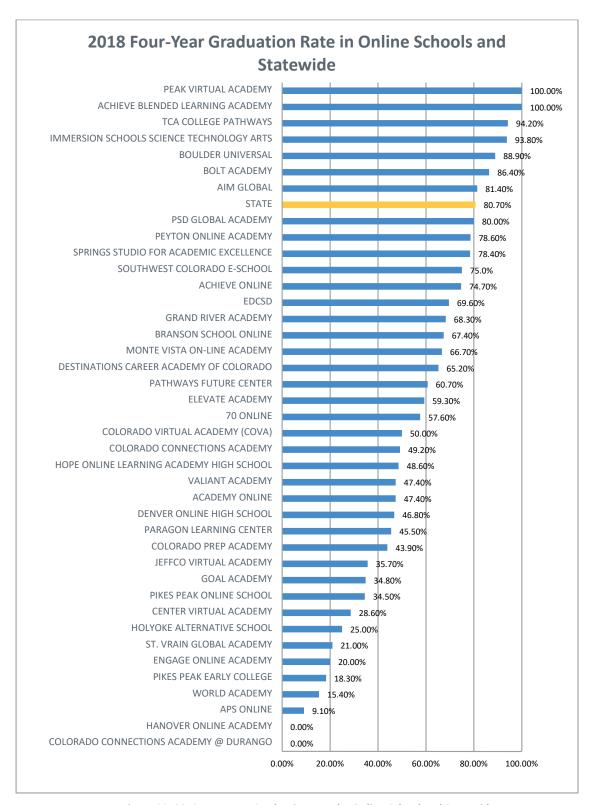[19] For more information on five, six, and seven year graduation rates for online schools, see Appendix B.

2018 Four-Year Graduation Rate in Online Schools and Statewide

School	Rate
PEAK VIRTUAL ACADEMY	100.00%
ACHIEVE BLENDED LEARNING ACADEMY	100.00%
TCA COLLEGE PATHWAYS	94.20%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	93.80%
BOULDER UNIVERSAL	88.90%
BOLT ACADEMY	86.40%
AIM GLOBAL	81.40%
STATE	80.70%
PSD GLOBAL ACADEMY	80.00%
PEYTON ONLINE ACADEMY	78.60%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	78.40%
SOUTHWEST COLORADO E-SCHOOL	75.0%
ACHIEVE ONLINE	74.70%
EDCSD	69.60%
GRAND RIVER ACADEMY	68.30%
BRANSON SCHOOL ONLINE	67.40%
MONTE VISTA ON-LINE ACADEMY	66.70%
DESTINATIONS CAREER ACADEMY OF COLORADO	65.20%
PATHWAYS FUTURE CENTER	60.70%
ELEVATE ACADEMY	59.30%
70 ONLINE	57.60%
COLORADO VIRTUAL ACADEMY (COVA)	50.00%
COLORADO CONNECTIONS ACADEMY	49.20%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	48.60%
VALIANT ACADEMY	47.40%
ACADEMY ONLINE	47.40%
DENVER ONLINE HIGH SCHOOL	46.80%
PARAGON LEARNING CENTER	45.50%
COLORADO PREP ACADEMY	43.90%
JEFFCO VIRTUAL ACADEMY	35.70%
GOAL ACADEMY	34.80%
PIKES PEAK ONLINE SCHOOL	34.50%
CENTER VIRTUAL ACADEMY	28.60%
HOLYOKE ALTERNATIVE SCHOOL	25.00%
ST. VRAIN GLOBAL ACADEMY	21.00%
ENGAGE ONLINE ACADEMY	20.00%
PIKES PEAK EARLY COLLEGE	18.30%
WORLD ACADEMY	15.40%
APS ONLINE	9.10%
HANOVER ONLINE ACADEMY	0.00%
COLORADO CONNECTIONS ACADEMY @ DURANGO	0.00%

Figure 23: 2018 Four-Year Graduation Rate by Online School and Statewide Average

Financial Reporting

ONLINE SCHOOL AND PROGRAM FINANCIAL REPORTING

Pursuant to §22-30.7-103(3)(I), C.R.S., financial expenditures of online schools and programs that are non-charter are submitted to the department on an annual basis. Online schools and programs report expenditure activities to their authorizers, who in turn submit the data to the department during the annual financial reporting period. Online charter schools and programs at charter schools provide financial information through the online charter schools' Financial Transparency Act reporting.

SUMMARY OF FINANCIAL EXPENDITURES

The Online Expenditure Report submitted to the CDE each year from districts and BOCES consists of two parts: instructional program expenditures and support program expenditures. For both instructional program and support program areas, the categories of expenditures reported include salaries, benefits, purchased professional services, transportation, supplies, property, and an "other use of funds" category.

The most current reported expenditures are displayed in figure 24 for the 2017-18 fiscal year.   As shown below, the largest percentage of expenditures (43 percent) is utilized for salaries and benefits followed by purchased services (34 percent) and then supplies (18 percent) of reported expenditures. It is important to note the reported expenditures are only one source of financial reporting information[20].

Figure 24: Online Program and School Expenditure for Fiscal Year 2017-18

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[20] For more detailed school level information, please visit the *Colorado Financial Transparency for Colorado Schools* website at: https://coloradok12financialtransparency.com.

Legislation of Note

During the 2019 legislative session, S.B. 19-129 was passed and signed into law. The bill, titled "Regulation of Online Schools" requires the CDE's Blended and Online Learning Office to prepare an annual report that summarizes data for students who have transferred out of an online school after the Student October Count. The first version of this report is included in Appendix A.

S.B. 19-129 also specified that, when an online school makes a modification to its programmatic design, the school's authorizer must seek a new online certification from the state. Finally, the legislation defined the term "successor school" for various circumstances when online schools make changes to their programs and clarified that, when a school is deemed a successor school, the historic school performance framework ratings must follow to the successor school.

Appendix A: Senate Bill 19-129-Regulation of Online Schools

OVERVIEW

In the spring of 2019, the Colorado General Assembly passed S.B.19-129 concerning the regulation of online schools. This legislation included multiple provisions related to the certification and operation of public online schools in Colorado. One element of this legislation created a requirement for the Office of Online and Blended Learning to publish an annual report related to students who withdraw from enrollment in online schools after the pupil enrollment count day (October 1st). Specifically, the legislation seeks information related to:

- The dates on which students withdraw from enrollment;
- The grade level the students enter and the grade levels when they leaves; and
- Information on whether the students enroll in another public or private school or homeschool setting, or graduate or complete high school within the same year.

This initial report is included as an appendix to the CDE Online Summary Report. Moving forward, the Office of Blended and Online Learning anticipates publishing this report annually each year based on the most recent Snapshot data for the applicable year.[21] What this means is that each year's report will provide an analysis of data that is essentially one year behind. Although the 2018-19 school year was recently completed, the "End of Year" data collection will not be certified until early 2020, so this report will provide analysis on withdrawal data for the 2017-18 school year. In the summer of 2020, the state will publish a report on 2018-19 school year data.

METHODOLOGY

Generating a list: For purposes of this report, the Office of Blended and Online Learning utilized data from two "snapshot" tables. A snapshot table is a table that is built at a particular moment in time and essentially freezes data reported by a school/school district for historical analysis purposes. In this situation, the two snapshots being used are the *Student October* snapshot and the *Student End of Year* Snapshot for the 2017-18 school year. Overviews of both snapshots are included below:

- **Student October** - The Student October Pupil Enrollment collection contains student enrollment information as of the pupil enrollment count date. This information is used to determine the school demographics, number of students in instructional programs, free and reduced lunch counts, and distribution of school finances across the state.

- **Student End of Year** - The student end of year snapshot collects student enrollment information throughout the school year. This information includes student demographic identifiers, codes indicating the way students enroll and withdrawal from a district/school, and services students received. This information is used to calculate dropout, graduation, and completion rates. In

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[21] Snapshot data represents specific points in time for data submission. This data is taken directly from one or more of the interchanges and/or other data sources during the snapshot collection windows. You can learn more about CDE data snapshots at the following link: https://www.cde.state.co.us/datapipeline/snap_snapshots

addition to this, the student end of year snapshot collects high school student's post-secondary and AP course information.

Because the Student End of Year file may capture multiple transactions for an individual student (for example, a student moves multiple times in a year or a transaction is improperly documented and is re-entered) and because the two snapshot files are not directly linked, steps are required to match students between the Student October file and the End of Year file. The Office of Blended and Online Learning conducts reporting analysis once the data has been matched and reviewed.

List analysis: Although S.B. 19-129 requests information on student-level withdrawals, other laws and guidelines related to student privacy prohibit the state from publishing a report with such granular information. As a result, the Office has provided summary data at the school or authorizer level in the following ways:

STUDENT ENROLLMENT WITHDRAWAL TIMELINE

When a student leaves a public school in Colorado, the state collects data that identifies the end date of enrollment at the school. The purpose of this grouping is to provide insight as to when students tend to withdraw from online schools. For this report, students were grouped in the following way:

TABLE A-1: Withdrawal from Enrollment of Online Schools after October Count

GROUP	CALENDAR DAYS AFTER OCTOBER 1 COUNT
GROUP 1	WITHDREW 0 – 30 DAYS
GROUP 2	WITHDREW 31 – 60 DAYS
GROUP 3	WITHDREW 61 – 90 DAYS
GROUP 4	WITHDREW 91 – 120 DAYS
GROUP 5	WITHDREW 121 – 150 DAYS
GROUP 6	WITHDREW 151 – 200 DAYS
GROUP 7	WITHDREW 200+ DAYS
GROUP 8	CONTINUED ENROLLMENT OR COMPLETED

REASONS WHY STUDENTS WITHDRAW

When a student leaves a school, the state collects information from schools/districts through an ongoing process known as "Student Interchange." The data from student interchange is then formally archived for the year through the Student End of Year snapshot.[22] When a student leaves a school, the school is responsible for reporting both an exit date and an exit type.

For the 2017-18 school year, the school was required to choose from one of the exit types specified in the table below. To limit the size of this report and because the summative student count numbers

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[22] To learn more about the Student End of Year Snapshot, please visit this link: https://www.cde.state.co.us/datapipeline/snap_eoy

could be so low for many of these exit types, some of the codes were grouped together. A full listing of the exits codes and the grouping logic is included below:

TABLE A-2: Student Withdrawal Exit Codes, Code Description and Groupings from Online Schools

EXIT CODE	EXIT TYPE AND CODE DESCRIPTION	GROUPING	SUBGROUPING	# OF APPLICABLE RECORDS
00	STUDENT DID NOT EXIT OR STUDENT COMPLETED THE SCHOOL YEAR	CONTINUED OR COMPLETED	CONTINUED ENROLLMENT	12,571
01	STUDENT REACHED MAXIMUM AGE FOR SERVICES	CONTINUED OR COMPLETED	OTHER	2
02	DEATH	CONTINUED OR COMPLETED	OTHER	6
05	TRANFER TO A SCHOOL LOCATED IN A DIFFERENT COUNTRY	WITHDREW	OTHER SCHOOL: OUT OF THE COUNTRY	33
06	K-6 STUDENT EXITED TO AN UNKNOWN EDUCATIONAL SETTING/STATUS	WITHDREW	OTHER	61
10	STUDENT REMAINS WITHIN THE SAME SCHOOL BUT WHOSE GRADE LEVEL HAS BEEN CHANGED DURING THE SCHOOL YEAR	CONTINUED OR COMPLETED	GRADE REASSIGNMENT	69
11	STUDENT TRANSFER FROM ONE PUBLIC SCHOOL TO ANOTHER PUBLIC SCHOOL WITHIN THE SCHOOL DISTRICT.	WITHDREW	OTHER SCHOOL: IN DISTRICT	212
12	STUDENT TRANSFER TO A DETENTION CENTER WITHIN DISTRICT AND DISTRICT STAFF PROVIDE EDUCATIONAL SERVICES.	WITHDREW	OTHER	1
13	STUDENT TRANSFER TO A PUBLIC SCHOOL IN ANOTHER SCHOOL DISTRICT OR BOCES WITHIN THE STATE.	WITHDREW	OTHER SCHOOL: OTHER DISTRICT	1,207
14	TRANSFER TO A SCHOOL LOCATED IN A DIFFERENT STATE	WITHDREW	OTHER SCHOOL: OTHER STATE	379
15	TRANSFER TO A NON-PUBLIC SCHOOL	WITHDREW	OTHER SCHOOL: NON-PUBLIC	102
16	TRANSFER TO HOME-BASED EDUCATION (HOME SCHOOL) FOR REASONS OTHER THAN HEALTH.	WITHDREW	TRANSFER TO HOMESCHOOL	600
18	TRANSFER TO A CAREER AND TECHNICAL (VOCATIONAL) EDUCATION PROGRAM NOT ADMINISTERED BY A COLORADO SCHOOL DISTRICT OR BOCES	WITHDREW	OTHER	5
19	STUDENT IS PUBLICLY PLACED IN AND IS ATTENDING AN ON-GROUNDS EDUCATIONAL PROGRAM IN A LICENSED FACILITY, OR IN A STATE-OPERATED PROGRAM	WITHDREW	OTHER	11
21	TRANSFER TO A FACILITY OPERATED BY THE COLORADO DEPARTMENT OF CORRECTIONS OR DIVISION OF YOUTH SERVICES.	WITHDREW	OTHER	11

EXIT CODE	EXIT TYPE AND CODE DESCRIPTION	GROUPING	SUBGROUPING	# OF APPLICABLE RECORDS
22	STUDENT EXITED THE DISTRICT AFTER PREVIOUSLY BEING ERRONEOUSLY CODED AS A GRADUATE IN A PRIOR YEAR	WITHDREW	OTHER	1
25	EXTENDED ABSENCE – STUDENT IS ABSENT FOR 10 OR MORE CONSECUTIVE DAYS OF SCHOOL.	WITHDREW	EXTENDED ABSENCES	18
26	TRANSFER TO A DETENTION CENTER (OUT OF DISTRICT)	WITHDREW	OTHER	14
30	ILLNESS/INJURY	WITHDREW	OTHER	5
40	DROPPED OUT	WITHDREW	DROPPED OUT	1,305
45	STUDENT DISCONTINUED SCHOOLING FOR SIX WEEKS OR LONGER, BUT RETURNED TO A SCHOOL WITHIN THE REPORTING DISTRICT BEFORE THE END OF THE YEAR.	CONTINUED OR COMPLETED	6 WEEK ABSENCE BUT BACK	42
50	EXPULSION	WITHDREW	OTHER	2
70	STUDENT EXITS TO PARTICIPATE IN A HSED PREPARATION PROGRAM NOT ADMINISTERED BY THE DISTRICT	WITHDREW	HSED PROGRAM OR DIPLOMA	112
90	GRADUATED WITH REGULAR DIPLOMA	CONTINUED OR COMPLETED	REGULAR GRADUATE	2,488
93	HIGH SCHOOL EQUIVALENCY DIPLOMA (HSED)	WITHDREW	HSED PROGRAM OR DIPLOMA	25
94	STUDENT TRANSFERRED TO A NON-DISTRICT RUN HSED PROGRAM AND RECEIVED A HSED CERTIFICATE	WITHDREW	HSED PROGRAM OR DIPLOMA	53

WITHDRAWALS BY SCHOOL

As shown below, 4,157 students withdrew from online schools after October Count in the 2017-18 school year. That number represents approximately 21.5 percent of the number of total online students enrolled. Of the reasons for withdrawal, students coded as having dropped out of school showed the highest incidence (1,305 students or 6.75 percent of the overall online population) with students transferring to schools in other school districts showing the next highest incidence (1,207 students or 6.24 percent of the overall online population).

TABLE A-3: Statewide Online Student Enrollment Trends in the 2017-18 School Year

GROUPING	SUB-GROUPING	STUDENT COUNT
CONTINUED OR COMPLETED		**15,178**
	Continued Enrolment	12,571
	Regular Graduate	2,488
	Grade Reassignment	69
	6 week absence but back	42
	Other	8
Withdrew		**4,157**
	Dropped Out	1,305
	Other School: Other District	1,207
	Transfer to Homeschool	600
	Other School: Other State	379
	Other School: In District	212
	HSED Program or Diploma	190
	Other	111
	Other School: Non-Public	102
	Other School: Out of Country	33
	Extended Absences	18
Grand Total		19,335

Table A-4 below provides a summary breakdown of students who continued/completed and withdrew for each online school for the 2017-18 school year:

TABLE A-4: Online School Student Enrollment Count Trends for 2017-18 School Year

SCHOOL NAME	CONTINUED/ COMPLETED	WITHDREW	TOTAL	PERCENT WITHDREW
70 ONLINE	125	28	153	18.3%
ACADEMY CALVERT K-8 ONLINE SCHOOL	95	25	120	20.8%
ACADEMY ONLINE	117	7	124	5.6%
ACHIEVE BLENDED LEARNING ACADEMY	13	5	18	27.8%
ACHIEVE ONLINE	197	49	246	19.9%
AIM GLOBAL	1,009	75	1,084	6.9%
APS ONLINE SCHOOL	60	66	126	52.4%
BOLT ACADEMY	55	9	64	14.1%
BOULDER UNIVERSAL	74	13	87	14.9%
BRANSON SCHOOL ONLINE	308	75	383	19.6%
CENTER VIRTUAL ACADEMY	4	4	8	50.0%
COLORADO CONNECTIONS ACADEMY	1,861	496	2,357	21.0%
COLORADO CONNECTIONS ACADEMY @ DURANGO	364	173	537	32.2%
COLORADO DIGITAL ACADEMY - ELEMENTARY	387	121	508	23.8%

SCHOOL NAME	CONTINUED/ COMPLETED	WITHDREW	TOTAL	PERCENT WITHDREW
COLORADO DIGITAL ACADEMY - MIDDLE	200	75	275	27.3%
COLORADO PREP ACADEMY	1,233	398	1,631	24.4%
COLORADO VIRTUAL ACADEMY (COVA)	367	176	543	32.4%
DENVER ONLINE HIGH SCHOOL	188	54	242	22.3%
DESTINATIONS CAREER ACADEMY OF COLORADO	197	53	250	21.2%
EDCSD	35	2	37	5.4%
ELEVATE ACADEMY	626	144	770	18.7%
GOAL ACADEMY	2,657	1,153	3,810	30.3%
GRAND RIVER ACADEMY	243	36	279	12.9%
HANOVER ONLINE ACADEMY	1	1	2	50.0%
HOLYOKE ALTERNATIVE SCHOOL	11	4	15	26.7%
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	930	101	1,031	9.8%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	455	92	547	16.8%
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	539	55	594	9.3%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	108	11	119	9.2%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	195	84	279	30.1%
MONTE VISTA ON-LINE ACADEMY	108	15	123	12.2%
PARAGON LEARNING CENTER	25	15	40	37.5%
PATHWAYS FUTURE CENTER	256	66	322	20.5%
PEAK VIRTUAL ACADEMY	196	17	213	8.0%
PEYTON ONLINE ACADEMY	22	4	26	15.4%
PIKES PEAK EARLY COLLEGE	111	9	120	7.5%
PIKES PEAK ONLINE SCHOOL	419	196	615	31.9%
PSD GLOBAL ACADEMY	176	35	211	16.6%
SOUTHWEST COLORADO E-SCHOOL	44	17	61	27.9%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	451	49	500	9.8%
ST. VRAIN GLOBAL ONLINE ACADEMY	78	23	101	22.8%
TCA COLLEGE PATHWAYS	479	22	501	4.4%
VALIANT ACADEMY	134	92	226	40.7%
WORLD ACADEMY	25	12	37	32.4%
Grand Total	15,178	4,157	19,335	21.5%

Further detail for each school, based on withdrawal type, is included in the following tables. For formatting purposes, only the withdrawal codes are provided. Corresponding descriptions for each exit code can be found in Table A-2 above. Codes 50, 30, 26, 22, 21, 19, 18, and 12 are grouped together in the "other" column due to their small n-size.

TABLE A-7: Online School Student Enrollment Count Trends for 2017-18 School Year by Withdrawal Subgrouping Codes

SCHOOL NAME	CONTINUED/ COMPLETED	CODE 40	CODE 13	CODE 16	CODE 14	CODE 11	CODE 70	CODE 15	CODE 06	CODE 94	CODE 05	CODE 93	CODE 25	OTHER	TOTAL
70 ONLINE	125	3	4	1		12	1	1	-	1	-	1	-	4	153
ACADEMY CALVERT K-8 ONLINE SCHOOL	95	-	9	8	2	5	-	1	-	-	-	-	-	-	120
ACADEMY ONLINE	117	1	2	1	1	1	1	-	-	-	-	-	-	-	124
ACHIEVE BLENDED LEARNING ACADEMY	13	-	-	-	1	3	-	-	1	-	-	-	-	-	18
ACHIEVE ONLINE	197	17	4	6	4	15	1	-	1	-	-	1	-	-	246
AIM GLOBAL	1,009	9	45	3	8	1	-	1	-	2	-	-	-	6	1,084
APS ONLINE SCHOOL	60	30	4	-	4	10	-	-	-	-	-	17	-	1	126
BOLT ACADEMY	55	1	1	1	-	5	1	-	-	-	-	-	-	-	64
BOULDER UNIVERSAL	74	-	2	1	-	10	-	-	-	-	-	-	-	-	87
BRANSON SCHOOL ONLINE	308	7	36	11	6	-	4	3	5	1	2	-	-	-	383
CENTER VIRTUAL ACADEMY	4	3	1	-	-	-	-	-	-	-	-	-	-	-	8
COLORADO CONNECTIONS ACADEMY	1,861	76	220	62	59	3	-	41	8	20	7	-	-	-	2,357
COLORADO CONNECTIONS ACADEMY @ DURANGO	364	38	74	13	20	-	10	4	11	3	-	-	-	-	537
COLORADO DIGITAL ACADEMY - ELEMENTARY	387	-	27	79	10	-	-	5	-	-	-	-	-	-	508
COLORADO DIGITAL ACADEMY – MIDDLE	200	-	14	50	8	-	-	1	-	-	2	-	-	-	275
COLORADO PREP ACADEMY	1,233	63	220	57	43	-	-	5	1	2	1	-	-	6	1,631
COLORADO VIRTUAL ACADEMY (COVA)	367	-	23	122	11	-	14	4	-	-	-	2	-	-	543
DENVER ONLINE HIGH SCHOOL	188	18	8	1	2	19	4	1	-	1	-	-	-	-	242
DESTINATIONS CAREER ACADEMY OF COLORADO	197	9	27	5	10	-	-	-	-	1	-	-	-	1	250
EDCSD	35	-	-	-	2	-	-	-	-	-	-	-	-	-	37
ELEVATE ACADEMY	626	-	60	44	24	-	1	10	-	1	3	1	-	-	770

SCHOOL NAME	CONTINUED/ COMPLETED	CODE 40	CODE 13	CODE 16	CODE 14	CODE 11	CODE 70	CODE 15	CODE 06	CODE 94	CODE 05	CODE 93	CODE 25	OTHER	TOTAL
HANOVER ONLINE ACADEMY	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2
HOLYOKE ALTERNATIVE SCHOOL	11	-	1	-	2	-	1	-	-	-	-	-	-	-	15
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	930	-	53	-	13	1	-	3	27	-	4	-	-	-	1,031
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	455	42	37	-	5	-	-	-	-	1	6	-	-	1	547
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	539	6	30	-	8	1	-	1	5	-	4	-	-	-	594
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	108	-	8	1	1	-	-	1	-	-	-	-	-	-	119
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	195	24	4	1	7	40	1	2	-	3	1	-	-	1	279
MONTE VISTA ON-LINE ACADEMY	108	1	5	4	1	1	1	1	-	-	-	1	-	-	123
PARAGON LEARNING CENTER	25	11	1	-	-	1	1	-	-	-	-	-	-	1	40
PATHWAYS FUTURE CENTER	256	33	-	-	-	11	-	-	-	-	-	-	18	4	322
PEAK VIRTUAL ACADEMY	196	-	2	3	1	10	-	1	-	-	-	-	-	-	213
PEYTON ONLINE ACADEMY	22	1	-	1	2	-	-	-	-	-	-	-	-	-	26
PIKES PEAK EARLY COLLEGE	111	-	2	2	2	1	-	2	-	-	-	-	-	-	120
PIKES PEAK ONLINE SCHOOL	419	116	49	9	11	-	5	-	-	6	-	-	-	-	615
PSD GLOBAL ACADEMY	176	3	2	1	9	17	-	1	1	-	-	1	-	-	211
SOUTHWEST COLORADO E-SCHOOL	44	-	8	3	2	-	1	3	-	-	-	-	-	-	61
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	451	1	11	16	8	13	-	-	-	-	-	-	-	-	500
ST. VRAIN GLOBAL ONLINE ACADEMY	78	6	2	-	-	6	3	2	-	3	-	-	-	1	101
TCA COLLEGE PATHWAYS	479	2	1	14	2	3	-	-	-	-	-	-	-	-	501
VALIANT ACADEMY	134	-	11	66	6	-	7	-	1	-	1	-	-	-	226
WORLD ACADEMY	25	5	4	-	-	2	-	1	-	-	-	-	-	-	37
GRAND TOTAL	15,178	1,305	1,207	600	379	212	112	102	61	53	33	25	18	50	19,335

-No data available for this code

TABLE A-8: Online School Student Enrollment Count Trends in Percentage for 2017-18 School Year by Withdrawal Subgrouping Codes

SCHOOL NAME	CONTINUED/ COMPLETED	CODE 40	CODE 13	CODE 16	CODE 14	CODE 11	CODE 70	CODE 15	CODE 06	CODE 94	CODE 05	CODE 93	CODE 25	OTHER
70 ONLINE	82%	2%	3%	1%	-	8%	1%	1%	-	1%	-	1%	-	3%
ACADEMY CALVERT K-8 ONLINE SCHOOL	79%	-	8%	7%	2%	4%	-	1%	-	-	-	-	-	-
ACADEMY ONLINE	94%	1%	2%	1%	1%	1%	1%	-	-	-	-	-	-	-
ACHIEVE BLENDED LEARNING ACADEMY	72%	-	-	-	6%	17%	-	-	6%	-	-	-	-	-
ACHIEVE ONLINE	80%	7%	2%	2%	2%	6%	0%	-	0%	-	-	0%	-	-
AIM GLOBAL	93%	1%	4%	0%	1%	0%	-	0%	-	0%	-	-	-	1%
APS ONLINE SCHOOL	48%	24%	3%	-	3%	8%	-	-	-	-	-	13%	-	1%
BOLT ACADEMY	86%	2%	2%	2%	-	8%	2%	-	-	-	-	-	-	-
BOULDER UNIVERSAL	85%	-	2%	1%	-	11%	-	-	-	-	-	-	-	-
BRANSON SCHOOL ONLINE	80%	2%	9%	3%	2%	-	1%	1%	1%	0%	1%	-	-	-
CENTER VIRTUAL ACADEMY	50%	38%	13%	-	-	-	-	-	-	-	-	-	-	-
COLORADO CONNECTIONS ACADEMY	79%	3%	9%	3%	3%	0%	-	2%	0%	1%	0%	-	-	-
COLORADO CONNECTIONS ACADEMY @ DURANGO	68%	7%	14%	2%	4%	-	2%	1%	2%	1%	-	-	-	-
COLORADO DIGITAL ACADEMY – ELEMENTARY	76%	-	5%	16%	2%	-	-	1%	-	-	-	-	-	-
COLORADO DIGITAL ACADEMY – MIDDLE	73%	-	5%	18%	3%	-	-	0%	-	-	1%	-	-	-
COLORADO PREP ACADEMY	76%	4%	13%	3%	3%	-	-	0%	0%	0%	0%	-	-	0%
COLORADO VIRTUAL ACADEMY (COVA)	68%	-	4%	22%	2%	-	3%	1%	-	-	-	0%	-	-
DENVER ONLINE HIGH SCHOOL	78%	7%	3%	0%	1%	8%	2%	0%	-	0%	-	-	-	-
DESTINATIONS CAREER ACADEMY OF COLORADO	79%	4%	11%	2%	4%	-	-	-	-	0%	-	-	-	0%
EDCSD	95%	-	-	-	5%	-	-	-	-	-	-	-	-	-
ELEVATE ACADEMY	81%	-	8%	6%	3%	-	0%	1%	-	0%	0%	0%	-	-
GOAL ACADEMY	70%	20%	5%	0%	2%	0%	1%	0%	-	0%	0%	0%	-	1%

SCHOOL NAME	CONTINUED/ COMPLETED	CODE 40	CODE 13	CODE 16	CODE 14	CODE 11	CODE 70	CODE 15	CODE 06	CODE 94	CODE 05	CODE 93	CODE 25	OTHER
GRAND RIVER ACADEMY	87%	1%	1%	1%	1%	7%	3%	-	-	-	-	-	-	-
HANOVER ONLINE ACADEMY	50%	50%	-	-	-	-	-	-	-	-	-	-	-	-
HOLYOKE ALTERNATIVE SCHOOL	73%	-	7%	-	13%	-	7%	-	-	-	-	-	-	-
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	90%	-	5%	-	1%	0%	-	0%	3%	-	0%	-	-	-
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	83%	8%	7%	-	1%	-	-	-	-	0%	1%	-	-	0%
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	91%	1%	5%	-	1%	0%	-	0%	1%	-	1%	-	-	-
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	91%	-	7%	1%	1%	-	-	1%	-	-	-	-	-	-
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	70%	9%	1%	0%	3%	14%	0%	1%	-	1%	0%	-	-	0%
MONTE VISTA ON-LINE ACADEMY	88%	1%	4%	3%	1%	1%	1%	1%	-	-	-	1%	-	-
PARAGON LEARNING CENTER	63%	28%	3%	-	-	3%	3%	-	-	-	-	-	-	3%
PATHWAYS FUTURE CENTER	80%	10%	-	-	-	3%	-	-	-	-	-	-	6%	1%
PEAK VIRTUAL ACADEMY	92%	-	1%	1%	0%	5%	-	0%	-	-	-	-	-	-
PEYTON ONLINE ACADEMY	85%	4%	-	4%	8%	-	-	-	-	-	-	-	-	-
PIKES PEAK EARLY COLLEGE	93%	-	2%	2%	2%	1%	-	2%	-	-	-	-	-	-
PIKES PEAK ONLINE SCHOOL	68%	19%	8%	1%	2%	-	1%	-	-	1%	-	-	-	-
PSD GLOBAL ACADEMY	83%	1%	1%	0%	4%	8%	-	0%	0%	-	-	0%	-	-
SOUTHWEST COLORADO E-SCHOOL	72%	-	13%	5%	3%	-	2%	5%	-	-	-	-	-	-
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	90%	0%	2%	3%	2%	3%	-	-	-	-	-	-	-	-
ST. VRAIN GLOBAL ONLINE ACADEMY	77%	6%	2%	-	-	6%	3%	2%	-	3%	-	-	-	1%
TCA COLLEGE PATHWAYS	96%	0%	0%	3%	0%	1%	-	-	-	-	-	-	-	-
VALIANT ACADEMY	59%		5%	29%	3%	-	3%	-	0%	-	0%	-	-	-
WORLD ACADEMY	68%	14%	11%	-	-	5%	-	3%	-	-	-	-	-	-
GRAND TOTAL	79%	7%	6%	3%	2%	1%	1%	1%	0%	0%	0%	0%	0%	0%

- No data available for this code

WITHDRAWALS BY TIME OF YEAR

As stated previously, 4,157 students withdrew from online schools after October Count in the 2017-18 school year. Of that number, 4,156 were properly coded with an exit date.

TABLE A-9: Online Schools Enrollment Trends in the 2017-18 School Year

GROUPING	SUB-GROUPING	STUDENT COUNT (#)	STUDENT COUNT (%)
CONTINUED OR COMPLETED		15,178	78.5 %
WITHDREW		4,156	21.5 %
	0 – 30 DAYS	86	0.4 %
	31 – 60 DAYS	419	2.2 %
	61 – 90 DAYS	558	2.9 %
	91 – 120 DAYS	639	3.3 %
	121 – 150 DAYS	797	4.1 %
	151 – 200 DAYS	891	4.6 %
	200+ DAYS	766	4.0 %
GRAND TOTAL		19,334	100.0 %

Below, please find information concerning student withdrawals by grade level, reason code, and school.

TABLE A-10: Online Schools Student Withdrawals in the 2017-18 School Year by Exit Date Range and Grade Level

GROUPING	SUB-GROUPING	K- 5TH GRADES	6TH-8TH GRADES	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE	STUDENT COUNT
CONTINUED OR COMPLETED		2,917	3,023	1,491	1,828	2,284	3,635	15,178
WITHDREW		589	707	423	585	630	1,222	4,156
	0 – 30 DAYS	15	19	11	5	16	20	86
	31 – 60 DAYS	85	83	48	67	34	102	419
	61 – 90 DAYS	89	110	63	64	62	170	558
	91 – 120 DAYS	89	115	66	80	86	203	639
	121 – 150 DAYS	101	160	94	129	124	189	797
	151 – 200 DAYS	123	146	83	145	144	250	891
	200+ DAYS	87	74	58	95	164	288	766
GRAND TOTAL		3,506	3,730	1,914	2,413	2,914	4,857	19,334

There is some variation in the withdrawal rates across grade levels. Students in high school grades withdraw from online schools at a higher rate, with a larger share of those withdrawals happening further and further from October Count.

TABLE A-11: Online Schools Student Withdrawals in the 2017-18 School Year by Exit Date Range and Grade Level

GROUPING	SUB-GROUPING	K- 5TH GRADES	6TH-8TH GRADES	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE	STUDENT COUNT
CONTINUED OR COMPLETED		83%	81%	78%	76%	78%	75%	100 %
WITHDREW		17%	19%	22%	24%	22%	25%	100 %
	0 – 30 DAYS	0%	1%	1%	0%	1%	0%	100 %
	31 – 60 DAYS	2%	2%	3%	3%	1%	2%	100 %
	61 – 90 DAYS	3%	3%	3%	3%	2%	4%	100 %
	91 – 120 DAYS	3%	3%	3%	3%	3%	4%	100 %
	121 – 150 DAYS	3%	4%	5%	5%	4%	4%	100 %
	151 – 200 DAYS	4%	4%	4%	6%	5%	5%	100 %
	200+ DAYS	2%	2%	3%	4%	6%	6%	100 %

The charts below show when students withdrew from online schools and their exit description. Withdrawal rate data shows that there is variability related to when a student withdraws based on the reason for their exit. For example, for students who dropout, withdrawals tend to occur at the end of the school year more frequently than at the beginning of the year.

TABLE A-12: Online Schools Student Withdrawals in the 2017-18 School Year by Exit Type and Exit Date Range

EXIT DESCRIPTION	0 – 30 DAYS	31 – 60 DAYS	61 – 90 DAYS	91 – 120 DAYS	121 – 150 DAYS	151 – 200 DAYS	200+ DAYS	GRAND TOTAL
Dropped Out	15	104	156	196	168	293	373	1,305
Other School: Other District	30	148	215	196	294	221	103	1,207
Transfer to Homeschool	16	66	47	97	140	150	84	600
Other School: Other State	11	46	47	58	62	87	68	379
Other School: In District	3	19	24	30	71	49	16	212
HSED Program or Diploma	3	8	30	19	25	44	61	190
Other	5	12	15	16	6	23	33	110
Other School: Non-Public	3	8	14	21	23	18	15	102
Other School: Out of Country	-	3	3	2	8	4	13	33
Extended Absences	-	5	7	4	-	2	-	18
Grand Total	**86**	**419**	**558**	**639**	**797**	**891**	**766**	**4,156**

The data indicate that the largest group of students across most exit codes tend to withdraw 120 days after October Count or later. Students who exit due to drop out tend to exit later in the year (150 days after October Count or later) than students who withdraw for other reasons. Students who exit to non-public schools tend to withdraw earlier.

TABLE A-13: Online Schools Student Withdrawals in the 2017-18 School Year by Exit Type and Exit Date Range (Purple Shade Indicates a Rate Greater Than 20%)

EXIT DESCRIPTION	0 – 30 DAYS	31 – 60 DAYS	61 – 90 DAYS	91 – 120 DAYS	121 – 150 DAYS	151 – 200 DAYS	200+ DAYS
Dropped Out	1%	8%	12%	15%	13%	22%	29%
Other School: Other District	2%	12%	18%	16%	24%	18%	9%
Transfer to Homeschool	3%	11%	8%	16%	23%	25%	14%
Other School: Other State	3%	12%	12%	15%	16%	23%	18%
Other School: In District	1%	9%	11%	14%	33%	23%	8%
HSED Program or Diploma	2%	4%	16%	10%	13%	23%	32%
Other	5%	11%	14%	15%	5%	21%	30%
Other School: Non-Public	3%	8%	14%	21%	23%	18%	15%
Other School: Out of Country	-	9%	9%	6%	24%	12%	39%
Extended Absences	-	28%	39%	22%	-	11%	-
Grand Total	2%	10%	13%	15%	19%	21%	18%

The time of year when students withdraw from specific online schools also shows a high level of variability. For example, some schools included in Table A-14 show that more students tend to withdraw towards the end of the year than other times of school year. The CDE does not collect data around the reason for the withdrawal outside of the setting the student transferred to.

TABLE A-14: Online Schools Student Completed and Withdrawal Trends in the 2017-18 School Year by Exit Date Range and School

SCHOOL NAME	COMPLETED	0 – 30 DAYS	31 – 60 DAYS	61 – 90 DAYS	91 – 120 DAYS	121 – 150 DAYS	151 – 200 DAYS	200+ DAYS	TOTAL
70 ONLINE	125	1	1	3	9	12	-	2	28
ACADEMY ONLINE	117	-	1	-	1	3	-	2	7
ACHIEVE BLENDED LEARNING ACADEMY	13	-	-	1	-	1	1	2	5
ACHIEVE ONLINE	197	1	7	5	6	7	16	7	49

AIM GLOBAL	1,009	6	11	15	18	15	6	4	75
APS ONLINE SCHOOL	60	2	9	6	12	6	10	21	66
BOLT ACADEMY	55	-	-	-	3	3	2	1	9
BOULDER UNIVERSAL	74	1	1	2	2	4	1	2	13
BRANSON SCHOOL ONLINE	308	2	7	20	10	6	10	20	75
CENTER VIRTUAL ACADEMY	4	-	-	-	1	2	-	1	4
COLORADO CONNECTIONS ACADEMY	1,861	4	67	108	49	119	107	42	496
COLORADO CONNECTIONS ACADEMY @ DURANGO	364	10	26	33	31	33	26	14	173
COLORADO DIGITAL ACADEMY – ELEMENTARY	387	5	17	10	24	23	30	12	121
COLORADO DIGITAL ACADEMY – MIDDLE	200	2	2	3	17	26	13	12	75
COLORADO PREP ACADEMY	1,233	9	61	59	79	74	86	30	398
COLORADO VIRTUAL ACADEMY (COVA)	367	12	8	6	33	52	46	19	176
DENVER ONLINE HIGH SCHOOL	188	1	5	4	3	10	14	17	54
DESTINATIONS CAREER ACADEMY OF COLORADO	197	3	9	6	10	14	5	6	53
EDCSD	35							2	2
ELEVATE ACADEMY	626	5	13	22	11	35	32	26	144
GOAL ACADEMY	2,657	9	68	147	187	154	291	297	1,153
GRAND RIVER ACADEMY	243	-	3	4	-	17	4	8	36
HANOVER ONLINE ACADEMY	1	-	-	-	-	-	-	1	1
HOLYOKE ALTERNATIVE SCHOOL	11	-	1	-	1	-	2	-	4
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	930	-	9	9	20	9	22	32	101

HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	455	1	9	10	19	7	16	30	92
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	539	-	3	3	10	7	13	19	55
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	108	1	2	-	2	4	2	-	11
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	195	1	3	8	8	13	27	24	84
JOURNEY K8	95	1	2	4	3	13	2		25
MONTE VISTA ON-LINE ACADEMY	108	-	2	4	-	3	4	2	15
PARAGON LEARNING CENTER	25	1	4	1	1	2	1	5	15
PATHWAYS FUTURE CENTER	256	1	17	16	13	5	13	1	66
PEAK VIRTUAL ACADEMY	196	-	1	2	3	2	3	6	17
PEYTON ONLINE ACADEMY	22	-	-	-	1	-	-	3	4
PIKES PEAK EARLY COLLEGE	111	-	-	-	-	7	2	-	9
PIKES PEAK ONLINE SCHOOL	419	-	30	26	22	40	25	53	196
PSD GLOBAL ACADEMY	176	-	6	2	1	17	6	3	35
SOUTHWEST COLORADO E-SCHOOL	44	-	-	1	1	7	6	2	17
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	451	1	1	3	6	11	13	14	49
ST. VRAIN GLOBAL ONLINE ACADEMY	78	1	2	8	1	3	4	4	23
TCA COLLEGE PATHWAYS	479	-	2	-	3	6	3	8	22
VALIANT ACADEMY	134	4	6	5	17	21	26	12	91
WORLD ACADEMY	25	1	3	2	1	4	1	-	12
GRAND TOTAL	15,178	86	419	558	639	797	891	766	4,156

TABLE A-15: Percentage of Online Schools Student Completion and Withdrawal Trends in the 2017-18 School Year by Exit Date Range and School

SCHOOL NAME	COMPLETED	0 – 30 DAYS	31 – 60 DAYS	61 – 90 DAYS	91 – 120 DAYS	121 – 150 DAYS	151 – 200 DAYS	200+ DAYS
70 ONLINE	82%	1%	1%	2%	6%	8%	-	1%
ACADEMY ONLINE	94%	-	1%	-	1%	2%	-	2%
ACHIEVE BLENDED LEARNING ACADEMY	72%	-	-	6%	-	6%	6%	11%
ACHIEVE ONLINE	80%	0%	3%	2%	2%	3%	7%	3%
AIM GLOBAL	93%	1%	1%	1%	2%	1%	1%	0%
APS ONLINE SCHOOL	48%	2%	7%	5%	10%	5%	8%	17%
BOLT ACADEMY	86%	-	-	-	5%	5%	3%	2%
BOULDER UNIVERSAL	85%	1%	1%	2%	2%	5%	1%	2%
BRANSON SCHOOL ONLINE	80%	1%	2%	5%	3%	2%	3%	5%
CENTER VIRTUAL ACADEMY	50%	-	-	-	13%	25%	-	13%
COLORADO CONNECTIONS ACADEMY	79%	0%	3%	5%	2%	5%	5%	2%
COLORADO CONNECTIONS ACADEMY @ DURANGO	68%	2%	5%	6%	6%	6%	5%	3%
COLORADO DIGITAL ACADEMY – ELEMENTARY	76%	1%	3%	2%	5%	5%	6%	2%
COLORADO DIGITAL ACADEMY – MIDDLE	73%	1%	1%	1%	6%	9%	5%	4%
COLORADO PREP ACADEMY	76%	1%	4%	4%	5%	5%	5%	2%
COLORADO VIRTUAL ACADEMY (COVA)	68%	2%	1%	1%	6%	10%	8%	3%
DENVER ONLINE HIGH SCHOOL	78%	0%	2%	2%	1%	4%	6%	7%
DESTINATIONS CAREER ACADEMY OF COLORADO	79%	1%	4%	2%	4%	6%	2%	2%
EDCSD	95%	-	-	-	-	-	-	5%
ELEVATE ACADEMY	81%	1%	2%	3%	1%	5%	4%	3%
GOAL ACADEMY	70%	0%	2%	4%	5%	4%	8%	8%
GRAND RIVER ACADEMY	87%	-	1%	1%	-	6%	1%	3%
HANOVER ONLINE ACADEMY	50%	-	-	-	-	-	-	50%
HOLYOKE ALTERNATIVE SCHOOL	73%	-	7%	-	7%	-	13%	-
HOPE ONLINE LEARNING ACADEMY ELEMENTARY	90%	-	1%	1%	2%	1%	2%	3%

HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	83%	0%	2%	2%	3%	1%	3%	5%
HOPE ONLINE LEARNING ACADEMY MIDDLE SCHOOL	91%	-	1%	1%	2%	1%	2%	3%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	91%	1%	2%	-	2%	3%	2%	-
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	70%	0%	1%	3%	3%	5%	10%	9%
JOURNEY K8	79%	1%	2%	3%	3%	11%	2%	-
MONTE VISTA ON-LINE ACADEMY	88%	-	2%	3%		2%	3%	2%
PARAGON LEARNING CENTER	63%	3%	10%	3%	3%	5%	3%	13%
PATHWAYS FUTURE CENTER	80%	0%	5%	5%	4%	2%	4%	0%
PEAK VIRTUAL ACADEMY	92%	-	0%	1%	1%	1%	1%	3%
PEYTON ONLINE ACADEMY	85%	-	-	-	4%	-	-	12%
PIKES PEAK EARLY COLLEGE	93%	-	-	-	-	6%	2%	-
PIKES PEAK ONLINE SCHOOL	68%	-	5%	4%	4%	7%	4%	9%
PSD GLOBAL ACADEMY	83%	-	3%	1%	0%	8%	3%	1%
SOUTHWEST COLORADO E-SCHOOL	72%	-	-	2%	2%	11%	10%	3%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	90%	0%	0%	1%	1%	2%	3%	3%
ST. VRAIN GLOBAL ONLINE ACADEMY	77%	1%	2%	8%	1%	3%	4%	4%
TCA COLLEGE PATHWAYS	96%	-	0%	-	1%	1%	1%	2%
VALIANT ACADEMY	60%	2%	3%	2%	8%	9%	12%	5%
WORLD ACADEMY	68%	3%	8%	5%	3%	11%	3%	-
GRAND TOTAL	79%	0%	2%	3%	3%	4%	5%	4%

Appendix B: Graduation Rates over Time

The graduation rate indicates the percentage of students who complete graduate with a high school diploma. Those who graduate within four years of entering 9th grade are counted in the 4-year graduation rate. Those students that did not complete high school within four years from entering 9th grade and are still enrolled may continue on to complete high school in a later year and are counted in the extended year graduation rate. The table presented in this appendix displays the extended graduation rates for online schools from 2014 to 2018. Note that one school (Colorado Virtual Academy (COVA)) on the table displays two sets of graduation rates and this is due to school moving to another Authorizer.   Some schools on the chart may display an N/A and this may be attributed to a school closure or zero students in the base for the graduation rate calculation.

SCHOOL NAME	"CLASS OF…" ANTICIPATED YEAR OF GRADUATION COHORT	NUMBER OF YEARS AFTER ENTERING HIGH SCHOOL	ALL STUDENTS GRADUATION RATE
70 ONLINE	2017-2018	4	57.6%
70 ONLINE	2016-2017	5	48.2%
70 ONLINE	2015-2016	6	63.8%
70 ONLINE	2014-2015	7	50.8%
ACADEMY ONLINE	2017-2018	4	47.4%
ACADEMY ONLINE	2016-2017	5	41.7%
ACADEMY ONLINE	2015-2016	6	38.9%
ACADEMY ONLINE	2014-2015	7	64.7%
ACHIEVE ONLINE	2017-2018	4	74.7%
ACHIEVE ONLINE	2016-2017	5	82.6%
ACHIEVE ONLINE	2015-2016	6	77.1%
ACHIEVE ONLINE	2014-2015	7	76.0%
AIM GLOBAL	2017-2018	4	81.4%
AIM GLOBAL	2016-2017	5	73.0%
AIM GLOBAL	2015-2016	6	64.8%
AIM GLOBAL	2014-2015	7	56.9%
APS ONLINE SCHOOL	2017-2018	4	9.1%
APS ONLINE SCHOOL	2016-2017	5	28.4%
APS ONLINE SCHOOL	2015-2016	6	36.7%
APS ONLINE SCHOOL	2014-2015	7	42.6%
BOLT ACADEMY	2017-2018	4	86.4%
BOLT ACADEMY	2016-2017	5	85.0%
BOLT ACADEMY	2015-2016	6	73.3%
BOLT ACADEMY	2014-2015	7	78.6%
BOULDER UNIVERSAL	2017-2018	4	88.9%
BOULDER UNIVERSAL	2016-2017	5	95.2%
BOULDER UNIVERSAL	2015-2016	6	83.8%

BOULDER UNIVERSAL	2014-2015	7	81.3%
BRANSON SCHOOL ONLINE	2017-2018	4	67.4%
BRANSON SCHOOL ONLINE	2016-2017	5	89.5%
BRANSON SCHOOL ONLINE	2015-2016	6	85.1%
CANON ONLINE ACADEMY	2017-2018	4	0%
CANON ONLINE ACADEMY	2016-2017	5	50.0%
CANON ONLINE ACADEMY	2015-2016	6	33.3%
CANON ONLINE ACADEMY	2014-2015	7	35.7%
CENTER VIRTUAL ACADEMY	2017-2018	4	28.6%
CENTER VIRTUAL ACADEMY	2016-2017	5	18.2%
CENTER VIRTUAL ACADEMY	2015-2016	6	44.4%
CENTER VIRTUAL ACADEMY	2014-2015	7	62.5%
COLORADO CONNECTIONS ACADEMY	2017-2018	4	49.2%
COLORADO CONNECTIONS ACADEMY	2016-2017	5	53.7%
COLORADO CONNECTIONS ACADEMY	2015-2016	6	62.0%
COLORADO CONNECTIONS ACADEMY	2014-2015	7	57.9%
COLORADO CONNECTIONS ACADEMY @ DURANGO	2017-2018	4	0%
COLORADO CONNECTIONS ACADEMY @ DURANGO	2016-2017	5	0%
COLORADO CONNECTIONS ACADEMY @ DURANGO	2015-2016	6	0%
COLORADO CONNECTIONS ACADEMY @ DURANGO	2014-2015	7	N/A
COLORADO PREP ACADEMY	2017-2018	4	43.9%
COLORADO PREP ACADEMY	2016-2017	5	44.4%
COLORADO PREP ACADEMY	2015-2016	6	33.3%
COLORADO PREP ACADEMY	2014-2015	7	50.9%
COLORADO PROVOST ACADEMY	2017-2018	4	0%
COLORADO PROVOST ACADEMY	2016-2017	5	6.7%
COLORADO PROVOST ACADEMY	2015-2016	6	5.9%
COLORADO PROVOST ACADEMY	2014-2015	7	24.3%
COLORADO VIRTUAL ACADEMY (COVA)*	2017-2018	4	N/A
COLORADO VIRTUAL ACADEMY (COVA)*	2016-2017	5	0%
COLORADO VIRTUAL ACADEMY (COVA)*	2015-2016	6	0%
COLORADO VIRTUAL ACADEMY (COVA)*	2014-2015	7	4.2%
COLORADO VIRTUAL ACADEMY (COVA)**	2017-2018	4	50.0%
COLORADO VIRTUAL ACADEMY (COVA)**	2016-2017	5	73.3%

COLORADO VIRTUAL ACADEMY (COVA)**	2015-2016	6	76.2%
COLORADO VIRTUAL ACADEMY (COVA)**	2014-2015	7	85.7%
DENVER ONLINE HIGH SCHOOL	2017-2018	4	46.8%
DENVER ONLINE HIGH SCHOOL	2016-2017	5	46.4%
DENVER ONLINE HIGH SCHOOL	2015-2016	6	51.1%
DENVER ONLINE HIGH SCHOOL	2014-2015	7	64.4%
EDCSD	2017-2018	4	69.6%
EDCSD: COLORADO CYBER SCHOOL	2016-2017	5	75.0%
EDCSD: COLORADO CYBER SCHOOL	2015-2016	6	67.2%
EDCSD: COLORADO CYBER SCHOOL	2014-2015	7	60.9%
EDISON ACADEMY	2017-2018	4	N/A
EDISON ACADEMY	2016-2017	5	N/A
EDISON ACADEMY	2015-2016	6	50.0%
EDISON ACADEMY	2014-2015	7	93.3%
ELEVATE ACADEMY	2017-2018	4	59.3%
ELEVATE ACADEMY	2016-2017	5	70.0%
ELEVATE ACADEMY	2015-2016	6	33.3%
ELEVATE ACADEMY	2014-2015	7	100.0%
ENGAGE ONLINE ACADEMY	2017-2018	4	20.0%
ENGAGE ONLINE ACADEMY	2016-2017	5	64.3%
ENGAGE ONLINE ACADEMY	2015-2016	6	54.2%
ENGAGE ONLINE ACADEMY	2014-2015	7	42.3%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	2017-2018	4	78.4%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	2016-2017	5	90.2%
SPRINGS STUDIO FOR ACADEMIC EXCELLENCE	2015-2016	6	95.2%
FALCON VIRTUAL ACADEMY	2014-2015	7	93.8%
GOAL ACADEMY	2017-2018	4	34.8%
GOAL ACADEMY	2016-2017	5	43.6%
GOAL ACADEMY	2015-2016	6	49.4%
GOAL ACADEMY	2014-2015	7	48.1%
GRAND RIVER ACADEMY	2017-2018	4	68.3%
GRAND RIVER ACADEMY	2016-2017	5	70.3%
GRAND RIVER ACADEMY	2015-2016	6	65.1%
GRANDE RIVER VIRTUAL ACADEMY SECONDARY	2014-2015	7	75.7%
VALIANT ACADEMY	2017-2018	4	47.4%
VALIANT ACADEMY	2016-2017	5	44.4%

GREAT PLAINS ACADEMY	2015-2016	6	100.0%
GREAT PLAINS ACADEMY	2014-2015	7	25.0%
HANOVER ONLINE ACADEMY	2017-2018	4	0%
HANOVER ONLINE ACADEMY	2016-2017	5	N/A
HANOVER ONLINE ACADEMY	2015-2016	6	N/A
HANOVER ONLINE ACADEMY	2014-2015	7	N/A
HOLYOKE ALTERNATIVE SCHOOL	2017-2018	4	25.0%
HOLYOKE ALTERNATIVE SCHOOL	2016-2017	5	66.7%
HOLYOKE ALTERNATIVE SCHOOL	2015-2016	6	25.0%
HOLYOKE ALTERNATIVE SCHOOL	2014-2015	7	50.0%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	2017-2018	4	48.6%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	2016-2017	5	51.1%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	2015-2016	6	61.7%
HOPE ONLINE LEARNING ACADEMY HIGH SCHOOL	2014-2015	7	62.1%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	2017-2018	4	93.8%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	2016-2017	5	92.9%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	2015-2016	6	100.0%
IMMERSION SCHOOLS SCIENCE TECHNOLOGY ARTS	2014-2015	7	0%
DESTINATIONS CAREER ACADEMY OF COLORADO	2017-2018	4	65.2%
DESTINATIONS CAREER ACADEMY OF COLORADO	2016-2017	5	53.8%
INSIGHT SCHOOL OF COLORADO AT JULESBURG	2015-2016	6	51.0%
INSIGHT SCHOOL OF COLORADO AT JULESBURG	2014-2015	7	45.7%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	2017-2018	4	35.7%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	2016-2017	5	42.9%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	2015-2016	6	46.0%
JEFFCO'S 21ST CENTURY VIRTUAL ACADEMY	2014-2015	7	46.6%
KARVAL ONLINE EDUCATION	2017-2018	4	N/A
KARVAL ONLINE EDUCATION	2016-2017	5	0%
KARVAL ONLINE EDUCATION	2015-2016	6	0%
KARVAL ONLINE EDUCATION	2014-2015	7	11.1%

MONTE VISTA ON-LINE ACADEMY	2017-2018	4	66.7%
MONTE VISTA ON-LINE ACADEMY	2016-2017	5	68.8%
MONTE VISTA ON-LINE ACADEMY	2015-2016	6	70.8%
MONTE VISTA ON-LINE ACADEMY	2014-2015	7	68.4%
MOUNTAIN VIEW VIRTUAL	2017-2018	4	0%
MOUNTAIN VIEW VIRTUAL	2016-2017	5	27.7%
MOUNTAIN VIEW VIRTUAL	2015-2016	6	55.0%
PATHWAYS FUTURE CENTER	2017-2018	4	60.7%
PATHWAYS FUTURE CENTER	2016-2017	5	72.2%
PATHWAYS FUTURE CENTER	2015-2016	6	78.2%
PATHWAYS FUTURE CENTER	2014-2015	7	74.1%
PEAK VIRTUAL ACADEMY	2017-2018	4	100.0%
PEAK VIRTUAL ACADEMY	2016-2017	5	94.1%
PEAK VIRTUAL ACADEMY	2015-2016	6	90.9%
PEAK VIRTUAL ACADEMY	2014-2015	7	90.5%
PEYTON ONLINE ACADEMY	2017-2018	4	78.6%
PEYTON ONLINE ACADEMY	2016-2017	5	0%
PEYTON ONLINE ACADEMY	2015-2016	6	N/A
PEYTON ONLINE ACADEMY	2014-2015	7	0%
PIKES PEAK ONLINE SCHOOL	2017-2018	4	18.3%
PIKES PEAK ONLINE SCHOOL	2016-2017	5	36.8%
PIKES PEAK ONLINE SCHOOL	2015-2016	6	41.5%
PIKES PEAK ONLINE SCHOOL	2014-2015	7	40.0%
PSD GLOBAL ACADEMY	2017-2018	4	80.0%
PSD GLOBAL ACADEMY	2016-2017	5	72.4%
PSD GLOBAL ACADEMY	2015-2016	6	47.1%
PSD GLOBAL ACADEMY	2014-2015	7	33.3%
ROCKY MOUNTAIN DIGITAL ACADEMY	2017-2018	4	16.7%
ROCKY MOUNTAIN DIGITAL ACADEMY	2016-2017	5	57.1%
ROCKY MOUNTAIN DIGITAL ACADEMY	2015-2016	6	87.9%
ROCKY MOUNTAIN DIGITAL ACADEMY	2014-2015	7	95.1%
SOUTHWEST COLORADO E-SCHOOL	2017-2018	4	75.0%
SOUTHWEST COLORADO E-SCHOOL	2016-2017	5	33.3%
SOUTHWEST COLORADO E-SCHOOL	2015-2016	6	30.0%
SOUTHWEST COLORADO E-SCHOOL	2014-2015	7	32.0%
ST. VRAIN GLOBAL ONLINE ACADEMY	2017-2018	4	21.0%
ST. VRAIN GLOBAL ONLINE ACADEMY	2016-2017	5	25.4%
ST. VRAIN GLOBAL ONLINE ACADEMY	2015-2016	6	30.8%
ST. VRAIN GLOBAL ONLINE ACADEMY	2014-2015	7	42.2%
TCA COLLEGE PATHWAYS	2017-2018	4	94.2%

TCA COLLEGE PATHWAYS	2016-2017	5	96.1%
TCA COLLEGE PATHWAYS	2015-2016	6	96.7%
TCA COLLEGE PATHWAYS	2014-2015	7	97.9%
WORLD ACADEMY	2017-2018	4	15.4%
WORLD ACADEMY	2016-2017	5	37.5%
WORLD ACADEMY	2015-2016	6	46.2%
WORLD ACADEMY	2014-2015	7	26.7%

*ADAMS 12 FIVE STAR
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