



COLORADO
Department of Education

Student Mobility in K-12 Online Schools

Submitted to:
State Board of Education
House of Representatives Education Committee
Senate Education Committee

By:
Office of Blended and Online Learning

August 2022

School Quality and Support Division
Office of Blended and Online Learning
201 E. Colfax Ave., Denver, CO 80203
303-866-6864
onlinelearning@cde.state.co.us



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Introduction

Senate Bill 19-129, concerning the regulation of online schools, calls for the Colorado Department of Education’s Office of Blended and Online Learning to produce an annual report on the number of students who withdraw from Colorado K-12 online schools after the pupil enrollment count date.

This report is required to include the dates on which students withdrew from enrollment, the grade level at which the students were enrolled at the beginning of the school year, the grade levels at which the students were enrolled when the students transferred, and information on whether the students enrolled in another public or private school or home-based education (home school) setting or graduated or completed high school within the same year.

Background and Context

In the 2019-20 school year, there were forty-nine online schools operating in Colorado serving grades K-12. Of the forty-nine schools, thirty-eight were multi-district online schools (MDOL). A multi-district online school can enroll students outside of the district that authorizes the school. The remaining eleven schools were single-district online schools (SDOL). In the 2019-20 school year, there was one MDOL (Elevate Academy Elementary School) and one SDOL (BOLT Academy) that were open for the 2019-20 school year but did not have any students enrolled for the year. Both schools were officially closed on June 30, 2020.

Pursuant to statute, MDOLs in Colorado can be authorized by an individual school district, a Board of Cooperative Educational Services (BOCES), a group of school districts, or the state Charter School Institute (CSI). In the 2019-20 school year, nineteen school districts and two BOCES authorized the thirty-eight MDOLs. The eleven SDOLs were authorized by eleven separate school districts. Table 1 below details for each authorizer the number of online schools, total student enrollment, and the number and percentage of students enrolled in online schools.

TABLE 1: 2019-20 Online School Student Enrollment Count and Percentage by Authorizer

Authorizer	Online Schools (#)	District K-12 Enrollment (#)	Students Enrolled in Online School (#)	Students in Online Schools (%)
Academy 20	3	26,603	873	3.3%
Adams 12 Five Star Schools	1	38,707	304	0.8%
Boulder Valley Re-2	1	31,000	76	0.2%
Branson Reorganized 82	1	431	364	84.5%
Byers 32J	9 ¹	2,344	1,787	76.2%
Center 26 JT	1	606	16	2.6%
Cherry Creek 5	1	56,172	121	0.2%

¹ Elevate Academy Elementary School, one of the nine MDOL schools in Byers 32J, was open for the 2019-20 school year but did not have any students enrolled.



Authorizer	Online Schools (#)	District PK-12 Enrollment (#)	Students Enrolled in Online School (#)	Students in Online Schools (%)
Colorado Springs 11	1	26,040	271	1.0%
Denver County 1	1	92,112	287	0.3%
District 49	3	23,890	5,546	23.2%
Douglas County Re-1	4	67,305	1,960	2.9%
Durango 9	1	5,545	810	14.6%
Eagle County Re 50	1	6,812	32	0.5%
Education reEnvisioned BOCES	4	2,836	2,836	100.0%
Hanover 28	1	258	5	1.9%
Holyoke Re-1J	1	587	10	1.7%
Jefferson County R-1	1	84,048	304	0.4%
Julesburg Re-1	1	829	545	65.7%
Las Animas Re-1	2	2,406	1,924	80.0%
Mapleton 1	1	9,149	2,274	24.9%
Mesa County Valley 51	1	22,046	328	1.5%
Monte Vista C-8	1	1,168	114	9.8%
Montrose County Re-1J	1	6,215	185	3.0%
Peyton 23 JT	1	626	31	5.0%
Poudre R-1	1	30,754	266	0.9%
Pueblo City 60	1	16,050	187	1.2%
Pueblo County 70	1	10,555	218	2.1%
San Juan BOCES	1	61	61	100.0%
School District 27J	1 ²	19,248	0	0.0%
St. Vrain Valley Re 1J	1	32,855	128	0.4%
TOTAL	49	617,258	21,863	

² Bolt Academy was open for the 2019-20 school year but did not have any students enrolled.



The total online student enrollment count for the 2019-20 school year was 22,448 and includes students enrolled in both online schools and online programs. Statewide, the percentage of students enrolled in online schools and programs represent roughly 2.5 percent of all Colorado public school students. This report does not include data on students enrolled in online programs³ and only looks at data for students enrolled in multi-district and single-district online schools.

Table 2 below displays the online school type, grades served, and enrollment numbers for each school as reported on the Student October Count data collection for the 2019-20 school year. Two schools, Elevate Academy Elementary School and BOLT Academy were open in the 2019-20 school year but did not enroll any students.

TABLE 2: 2019-20 Online School Student Enrollment Count

Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
Academy 20	Journey K8	Multi-District	K-8	137
Academy 20	TCA College Pathways	Multi-District Charter	7-12	522
Academy 20	Village High School	Multi-District	9-12	214
Adams 12 Five Star Schools	Pathways Future Center	Single District	9-12	304
Boulder Valley Re-2	Boulder Universal	Multi-District	K-12	76
Branson Reorganized 82	Branson School Online	Multi-District	K-12	364
Byers 32J	Colorado Virtual Academy	Multi-District Charter	K-6	237
Byers 32J	Colorado Virtual Academy Middle School	Multi-District Charter	7-8	135
Byers 32J	Colorado Virtual Academy High School	Multi-District Charter	9-12	357
Byers 32J	Elevate Academy Elementary School*	Multi-District Charter	K-5	0
Byers 32J	Astravo Academy Middle School	Multi-District Charter	6-8	200
Byers 32J	Astravo Academy High School	Multi-District Charter	9-12	191
Byers 32J	Astravo Online Academy Elementary School	Multi-District Charter	K-5	114
Byers 32J	Astravo Online Academy Middle School	Multi-District Charter	6-8	68
Byers 32J	Astravo Online Academy High School	Multi-District Charter	9-12	485

³ A full-time education program authorized pursuant to Title 22 of the Colorado Revised Statutes (C.R.S.) that delivers a sequential program of synchronous or asynchronous instruction directed by a teacher primarily through online digital learning strategies that provide students choice over time, place, and path, and teacher-guided modality of learning.



Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
Center 26 JT	Center Virtual Academy	Single District	9-12	16
Cherry Creek 5	Cherry Creek Elevation	Single District	9-12	121
Colorado Springs 11	Achieve Online	Multi-District	6-12	271
Denver County 1	Denver Online High School	Multi-District	9-12	287
District 49	GOAL Academy	Multi-District Charter	9-12	4,965
District 49	Pikes Peak Early College	Multi-District	9-12	179
District 49	Springs Studio for Academic Excellence	Multi-District	K-12	402
Douglas County Re-1	eDCSD	Single District	9-12	35
Douglas County Re-1	Hope Online Learning Academy Elementary	Multi-District Charter	K-5	846
Douglas County Re-1	Hope Online Learning Academy Middle School	Multi-District Charter	6-8	489
Douglas County Re-1	Hope Online Learning Academy High School	Multi-District Charter	9-12	590
Durango 9	Colorado Connections @ Durango	Multi-District	K-12	810
Eagle County Re 50	World Academy	Single District	K-12	32
Education reEnvisioned BOCES	Colorado Preparatory Elementary School	Multi-District	K-5	714
Education reEnvisioned BOCES	Colorado Preparatory Middle School	Multi-District	6-8	685
Education reEnvisioned BOCES	Colorado Preparatory Academy High School	Multi-District	9-12	659
Education reEnvisioned BOCES	Pikes Peak Online School	Multi-District	9-12	778
Hanover 28	Hanover Online Academy	Multi-District	6-12	5
Holyoke Re-1J	Holyoke Alternative School	Single District	7-12	10
Jefferson County R-1	Jeffco Virtual Academy	Multi-District	6-12	304
Julesburg Re-1	Destinations Career Academy of Colorado	Multi-District	6-12	545
Las Animas Re-1	AIM Global	Multi-District	6-12	1,796



Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
Las Animas Re-1	Immersion Schools Science Technology Arts	Multi-District	6-12	128
Mapleton 1	Colorado Connections Academy	Multi-District	K-12	2,274
Mesa County Valley 51	Grand River Academy	Single District	K-12	328
Monte Vista C-8	Monte Vista On-line Academy	Multi-District	4-12	114
Montrose County Re-1J	Peak Virtual Academy	Single District	K-12	185
Peyton 23 JT	Peyton Online Academy	Multi-District	7-12	31
Poudre R-1	PSD Global Academy	Multi-District	K-12	266
Pueblo City 60	Paragon Learning Center	Single District	9-12	187
Pueblo County 70	70 Online	Multi-District	K-12	218
San Juan BOCES	Southwest Colorado E-School	Multi-District	6-12	61
School District 27J	BOLT Academy*	Single District	9-12	0
St. Vrain Valley Re 1J	St. Vrain Global Online Academy	Single District	9-12	128
ONLINE SCHOOL STUDENT ENROLLMENT			TOTAL	21,863⁴

*Did not have students enrolled in the 2019-20 school year

Data Utilized for Analysis

The analysis in this report utilizes the date on which a student withdrew from enrollment, the grade level the student was in at the time of enrollment in the online school, and the grade level the student was in at the time of withdrawal. This report also provides information, to the extent known, about whether the student enrolled in another school within the same school year or graduated or completed high school.

The [Student October Pupil Count \(October Count\)](#) snapshot data collection captures student enrollment data and is used as a method for distributing school finances across the state. A snapshot data collection represents points in time for data submissions. The October Count data collection is based on a one-day membership count in which school districts and other Local Education Agencies (LEAs), such as a BOCES or the Colorado Charter School Institute (CSI), are asked to report all students who are actively enrolled and attending classes on the count date (October 1st). While the submission should only include those students who meet the membership and scheduling requirements as of the pupil enrollment count day, the actual submission process begins in September and closes mid-November. Data from the October Count snapshot data collection is included in this report.

⁴ This total only includes students in online schools and not online programs.



The other snapshot data collection utilized for this report is the [Student End of Year](#) data collection. The Student End of Year snapshot collects student enrollment updates throughout the school year. One of the data elements that is collected in the Student End of Year snapshot is information about the way a student enrolls and withdraws from a school. The data collected from the Student End of Year data collection is certified a year after the initial collection. Because the collection is certified a year after the initial collection, the data analyzed in this report is from the 2019-20 school year, which was certified in fall of 2020 and finalized in early 2021.

Student Exit Codes

When a student leaves a school, the state collects information from schools and LEAs through an ongoing process known as the “Student Interchange.” The data from [Student Interchange](#) is then formally archived for the year through the Student End of Year snapshot data collection mentioned in the above section of this report. When a student leaves a school, the school is responsible for reporting both an exit date and an indicator of the reason the student withdrew from the school (i.e., an “exit type”). Table 3 below shows the exit types that were collected for students who withdrew during the 2019-20 school year.

In addition to collecting information about whether and why a student withdraws from school, the Student End of Year Data Collection also collects information about whether students continue to be enrolled in a school or complete school. For purposes of this report, the codes that are assigned to students when they continue in the school or complete are grouped together as “Continued or Completed” as shown in Table 3 below.

Some examples of “Continued Enrollment” codes are:

- Students returning after an extended absence;
- Students participating in a postsecondary program such as a Pathways in Technology Early College High School (P-TECH school) or Accelerating Students through Concurrent Enrollment (ASCENT) program; or
- Students experiencing a grade re-assignment during the school year.

For students who have completed the school year with an online school and did not exit during the school year, the student is coded “00” to signify a completed year. In addition, students who have completed graduation requirements and are issued a diploma, have completed a High School Equivalency Diploma (HSED), or have completed high school without receiving a diploma are coded with the appropriate code as well. These codes are included in the “Continued or Completed” group.

TABLE 3: Number of Records Based on Exit Codes for 2019-20 School Year

Exit Code	Code Description	Grouping	Number of Online Student Records
00	Completed/ Did Not Exit School Year	Continued or Completed	14,997
01	Reached Maximum Age	Withdrew	45
02	Death	Withdrew	n<16
05	Other School: Out of Country	Withdrew	21
06	Exited to Unknown Educational Setting (K-6)	Withdrew	95



Exit Code	Code Description	Grouping	Number of Online Student Records
10	Grade Reassignment in Same School	Continued or Completed	80
11	Other School: In District	Withdrew	233
12	Transfer to In-district Detention Center	Withdrew	n<16
13	Other School: Other LEA	Withdrew	1079
14	Other School: Other State	Withdrew	329
15	Other School: Non-Public	Withdrew	96
16	Transfer to Home-Based Education (Home school)	Withdrew	580
18	Transfer to Career and Technical Education (Vocational)	Withdrew	n<16
19	Transfer to Facility School/State Operated Program	Withdrew	n<16
21	Transfer to Corrections Facility	Withdrew	22
22	Exited after Graduated in a prior year	Withdrew	n<16
23	Graduated K-12 but did not Complete P-Tech/ASCENT Program	Continued or Completed	n<16
24	Completed P-Tech/ASCENT program	Continued or Completed	n<16
25	Extended Absences – 10+ Consecutive Days	Withdrew	n<16
26	Transfer to Out-of-District Detention Center	Withdrew	n<16
30	Illness/Injury	Withdrew	n<16
40	Dropped Out (6-12)	Withdrew	1,004
45	6 Week Absence but now Returned	Continued or Completed	29
50	Expelled	Withdrew	n<16
56	Expelled w/ Education Services	Withdrew	n<16
70	Transfer to HSED Program (Out-of-District)	Withdrew	58
90	Graduated with Diploma	Continued or Completed	2,932
93	Completed HSED Program (In-District)	Continued or Completed	22



Exit Code	Code Description	Grouping	Number of Online Student Records
94	Completed HSED Program (Out-of-District)	Continued or Completed	75
96	Graduated and Completed P-Tech/ASCENT Program	Continued or Completed	n<16

Year to Year Comparison of Student Withdrawals, Continuations, and Completions

In the 2019-20 school year, students coded as withdrawing from online schools after the October Count totaled 3,655 or 16.6 percent of the total number of online students who were enrolled in online schools at the beginning of the year. This is a decrease from 19.1 percent of students coded as withdrawing from online schools after the October Count in the prior year.⁵ Additionally, there was an increase in the number of students coded as continuing or completing and an overall decline of students coded as withdrawing since the first release of this report. Students who were coded as continuing or completing saw a 3.6 percent increase from 78.9 percent in 2017-18 to 83.2 percent in 2019-20. Students coded as withdrawing saw a 4.8 percent decrease from 21.1 percent of students in 2017-18 to 16.3 percent in 2019-20.

TABLE 4: Statewide Online Student Completion and Withdrawal Based on Grouping by School Year

School Year	Continued or Completed	Percentage	Withdrew	Percentage	Grand Total
2019-20	18,163	83.2%	3,655	16.8%	21,818
2018-19	16,669	80.9%	3,928	19.1%	20,597
2017-18	15,248	78.9%	4,086	21.1%	19,334

Statewide Student Withdrawals

As in previous years, the top reason for withdrawal from an online school was transferring to a school in another district. Of the 3,655 students coded as withdrawing from an online school statewide 1,079 students or 29.5 percent of the exiting students were coded as transferring to a school in a different school district. This also represents 5.0% of all students enrolled in an online school during the October Count. Online school enrollment totals show that most online school students attend a multi-district online school. Because such a school can enroll students from outside of the geographic district that authorizes the school, this could account for the high incidence of students transferring to a school in “another school district.” This could even be the case when the student leaves the online school but still maintains the same personal residence.

The second most frequently reported reason that students exited online schools in 2019-20 was that the students were coded as dropping out of school. 1,004 students or 27.5 percent of the withdrawals for the 2019-20 school year were reported with a dropout code. This also represents 4.6% of all students enrolled in an online school during the October Count. The number of students coded as exiting because of dropping out includes students who are enrolled in school at any time during the school year but left the school for any reason other

⁵ For the 2018-19 data report, please see [2020 Student Mobility in K-12 Online Schools](#) on the CDE website.



than one of the exclusionary conditions listed below. Students who were enrolled in the previous school year, did not meet one of the below exclusionary conditions, and did not return to school prior to the end of the school year are also coded with a dropout code.

Exclusionary conditions (not counted as a dropout):

- Transfers (with official documentation) to another public-school district, private school, home based education program or other state- or district-approved educational program;
- Temporary absence due to suspension or expulsion; or
- Serious illness or death and does not complete their education.

It is important to note that the number or percentage of students coded as dropouts in this report is not the same as the state dropout rate - nor should it be viewed as the dropout rate for each online school. The dropout rate is calculated by dividing the number of dropouts by a membership base which includes all students who were in membership any time during the year. For more information about how the dropout rate is calculated, please visit: <https://www.cde.state.co.us/cdereval/dropoutcurrentfaq>.

The third most frequently reported reason that students exited online schools in 2019-20 was to transfer to home-based education (also referred to as home school). 580 students or 15.9 percent of the total withdrawals for the 2019-20 school year were coded as transferring to a non-public home-based education setting. This also represents 2.7% of all students enrolled in an online school during the October Count. The numbers in the 2019-20 school year demonstrate a decrease from the previous school year when 20.7 percent of students in online schools withdrew to transfer to home schooling. For a student to transfer to non-public home-based education, the student’s parent or guardian must submit a notification of intent to home school to a school district and is responsible for overseeing the education of the student.

Combined, students who transferred to a school in another district, dropped out of school or transferred to a home-based education account for 2,663 or 72.9 percent of the 3,655 total withdrawals from online schools. This also represents 12.2% of all students enrolled in an online school during the October Count. Table 5 below contains information about the other reasons for withdrawal in the 2019-20 school year. Table 6 includes a comparison by year for the top five exit code reasons.

TABLE 5: 2019-20 Statewide Withdrawal Grouping of Student Count by Exit Code

Exit Code	Code Description	Student Count	Percentage of Withdrawals
13	Other School: Other LEA	1,079	29.5%
40	Dropped Out (7-12)	1,004	27.5%
16	Transfer to Home-Based Education (Home school)	580	15.9%
14	Other School: Other State	329	9.0%
11	Other School: In District	233	6.4%
15	Other School: Non-Public	96	2.6%



Exit Code	Code Description	Student Count	Percentage of Withdrawals
06	Exited to Unknown Education Setting (K-6)	95	2.6%
70	Transfer to HSED Program (Out-of-District)	58	1.6%
01	Reached Maximum Age	45	1.2%
21	Transfer to Correctional Facility	22	0.6%
05	Other School: Out of Country	21	0.6%
Other (Exit Codes: 02,12,18,19,22,25,26,30,50,56)		93	2.5%

TABLE 6: Statewide Withdrawal Grouping of Student Count-Top Five Exit Codes by Year

Exit Code	Code Description	2017-18 Student Count	2017-18 Withdrawals (%)	2018-19 Student Count	2018-19 Withdrawals (%)	2019-20 Student Count	2019-20 Withdrawals (%)
13	Other School: Other LEA	1,207	29.5%	1,115	28.4%	1,079	29.5%
40	Dropped Out (7-12)	1,304	31.9%	1,074	27.3%	1,004	27.5%
16	Transfer to Home-Based Education (Home school)	600	14.7%	813	20.7%	580	15.9%
14	Other School: Other State	379	9.3%	351	8.9%	329	9.0%
11	Other School: In District	212	5.2%	184	4.7%	233	6.4%

Statewide Student Continuations and Completions

In the 2019-20 school year, 14,997 students or 82.6 percent of the online students who were coded as continuing or completing were coded as completing the school year and not exiting the online school during the school year. This was the most frequent reason students were coded as continuing or completing. The second most frequently reported reason for continuing/completing was graduating with a diploma. According to the data, there were 2,923 students coded as graduating from online schools in the 2019-20 school year, which represents 16.3 percent of the students coded as continuing or completing. This is an increase from the previous school year, in which 13.6 percent of students were coded as graduating with a diploma and the same rate as in 2017-18. The third most frequently reported reason for continuing/completing was students who were coded as completing the High School Equivalency Diploma (HSED) either through a district run program or through a non-district program. Students receiving a HSED accounted for 0.5 percent of the students coded with a continuing or completing code in the 2019-20 school year. The breakdown of students coded with continuation or



completion codes are listed below in Table 7. Table 8 shows that comparison between this school year and the previous school year for the top five continuing or completing codes.

TABLE 7: Statewide Continued or Completed Grouping of Student Count by Exit Code

Exit Code	Code Description	Student Count	Percentage of Continued/Completed
00	Completed School Year/Did Not Exit	14,997	82.6%
90	Graduated with Diploma	2,932	16.1%
93/94	Completed HSED Program (93-In-District, 94-Out of District)	97	0.5%
10	Grade Reassignment	80	0.4%
45	6 Week Absence but now Returned	29	0.2%
24	Completed P-Tech/ASCENT program	25	0.1%
Other (Continued/Complete Codes: 23,96)		n<16	n<16

TABLE 8: Top Five Continued or Completed Codes Statewide by Year

Exit Code	Code Description	2017-18 Student Count	2017-18 Continued/Completed (%)	2018-19 Student Count	2018-19 Continued/Completed (%)	2019-20 Student Count	2019-20 Continued/Completed (%)
00	Completed School Year/Did Not Exit	12,571	82.4%	14,149	84.9%	14,997	82.6%
90	Graduated with Diploma	2,488	16.3%	2,260	13.6%	2,932	16.1%
93/94	Completed HSED Program (93-In-District, 94-Out of District)	78	0.5%	85	0.5%	97	0.5%
10	Grade Reassignment	69	0.5%	97	0.6%	80	0.4%
45	6 Week Absence but Returned	42	0.3%	40	0.2%	29	0.2%



Student Withdrawals by Time Past October Count

When a student leaves an online school in Colorado, the state collects data that identifies the end date of enrollment at the school. The purpose of the grouping below is to provide insight as to when students tend to withdraw from online schools.

TABLE 9: 2019-20 Statewide Online Student Enrollment Based on Grouping by Time

Grouping	Exit Date Range (Days past 10/01)	Student Count	Percentage of Total
Continued or Completed		18,163	83.2%
Withdrew	0-30 Days	581	2.7%
	30-60 Days	660	3.0%
	60-90 Days	506	2.3%
	90-120 Days	845	3.9%
	120-150 Days	413	1.9%
	150-200 Days	393	1.8%
	200+ Days	257	1.2%
	Total Withdrawals		3,655
2019-20 Grand Total		21,818	100.0%

Withdrawals by Time of Year

In terms of when students are reported as withdrawing from online schools, Table 9 shows that more students tend to withdraw approximately three to four months after October Count. The next highest incidence of withdrawal occurs 30 to 60 days after October Count. If withdrawal times are looked at in terms of semesters, students are coded as withdrawing at roughly the same percentages in the fall and spring semesters; 8 percent in what could be considered first semester (0-90 days after October Count) and 7.6 percent in the second semester (90-200 days after Student October Count). Figure 1 below displays the percentages of student withdrawals in relation to the number of days after the Student October Count.



Exit Code	Description	0-30 Days	30-60 Days	60-90 Days	90-120 Days	120-150 Days	150-200 Days	200+ Days	Total by Code
05	Other School: Out of Country	n<16	n<16	n<16	n<16	n<16	n<16	n<16	21
	Other (Exit Codes: 02, 12,18,19,22,26,25,30,50,56)	n<16	n<16	n<16	n<16	n<16	n<16	26	93
GRAND TOTAL		581	660	506	845	413	393	257	3,655

Impacts of COVID-19

In March of 2020, the state was beginning to navigate the COVID-19 pandemic. When reviewing the data for students coded as withdrawing during the timeframe of 150-200 days, 393 students were coded as withdrawing. This is a decline from the 2018-19 year, when 478 students were coded as withdrawing. Thus, it appears that the onset of the pandemic may have had a slight, though not a major, impact on the number of students withdrawing in online schools at this time of the school year.

Student Withdrawals by School

In the 2019-20 school year, the schools with the lowest reported withdrawal percentages were Immersion Schools Science Technology Arts (Las Animas Re-1), Pikes Peak Early College (District 49), Village High School (Academy 20), and TCA College Pathways (Academy 20). All of these online schools had a withdrawal percentage of less than 5 percent in the 2019-20 school year. Student withdrawal percentages for other online schools in Table 11 range from 0.8 percent to 48.3 percent.

Table 11 shows the student count of each online school based on the groupings of “continued or completed” and “withdrew” in the 2019-20 school year.

TABLE 11: 2019-20 Online Student Count based on Grouping by Online School

Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (% of students)
70 Online	Pueblo County 70	177	41	18.8%
Achieve Online	Colorado Springs 11	222	49	18.1%
AIM Global	Las Animas Re-1	1,730	118	6.4%
Astravo Academy High School	Byers 32J	175	16	8.4%
Astravo Academy Middle School	Byers 32J	129	68	34.50%
Astravo Online Academy Elementary School	Byers 32J	66	47	41.60%
Astravo Online Academy High School	Byers 32J	247	231	48.3%



Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (% of students)
Astravo Online Academy Middle School	Byers 32J	62	n<16	n/a
BOLT Academy*	School District 27J	0	0	n/a
Boulder Universal	Boulder Valley Re-2	67	n<16	n/a
Branson School Online	Branson Reorganized 82	294	70	19.2%
Center Virtual Academy	Center 26 JT	n<16	n<16	n/a
Cherry Creek Elevation	Cherry Creek 5	98	23	19.0%
Colorado Connections @ Durango	Durango 9	607	203	25.1%
Colorado Connections Academy	Mapleton 1	1,899	353	15.7%
Colorado Virtual Academy	Byers 32J	205	32	13.5
Colorado Virtual Academy Middle School	Byers 32J	119	n<16	n/a
Colorado Preparatory Elementary School	Education reEnvisioned BOCES	555	159	22.3%
Colorado Preparatory Academy High School	Education reEnvisioned BOCES	564	95	14.4%
Colorado Preparatory Academy Middle School	Education reEnvisioned BOCES	522	163	23.80%
Colorado Virtual Academy High School	Byers 32J	276	79	22.3%
Denver Online High School	Denver County 1	216	69	24.2%
Destinations Career Academy of Colorado	Julesburg Re-1	437	108	19.8%
eDCSD	Douglas County Re-1	33	n<16	n/a
Elevate Academy Elementary School*	Byers 32J	0	0	n/a
GOAL Academy	District 49	3,995	970	19.5%
Grand River Academy	Mesa County Valley 51	278	50	15.2%
Hanover Online Academy	Hanover 28	n<16	n<16	n/a
Holyoke Alternative School	Holyoke Re-1J	n<16	n<16	n/a
HOPE Online Learning Academy Elementary	Douglas County Re-1	767	79	9.3%



Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (% of students)
HOPE Online Learning Academy High School	Douglas County Re-1	518	71	12.1%
HOPE Online Learning Academy Middle School	Douglas County Re-1	444	45	9.2%
Immersion Schools Science Technology Arts	Las Animas Re-1	127	n<16	0.8%
Jeffco Virtual Academy	Jefferson County R-1	244	60	19.7%
Journey K8	Academy 20	113	24	17.5%
Monte Vista On-line Academy	Monte Vista C-8	97	17	14.9%
Paragon Learning Center	Pueblo City 60	160	24	13.0%
Pathways Future Center	Adams 12 Five Star Schools	242	59	19.6%
Peak Virtual Academy	Montrose County Re-1J	163	22	11.9%
Peyton Online Academy	Peyton 23 JT	27	n<16	n/a
Pikes Peak Early College	District 49	177	n<16	n/a
Pikes Peak Online School	Education reEnvisioned BOCES	606	172	22.1%
PSD Global Academy	Poudre R-1	236	30	11.3%
Southwest Colorado E-School	San Juan BOCES	51	n<16	n/a
Springs Studio for Academic Excellence	District 49	368	34	8.5%
St. Vrain Global Online Academy	St. Vrain Valley Re 1J	99	29	22.7%
TCA College Pathways	Academy 20	501	21	4.0%
Village High School	Academy 20	209	n<16	n/a
World Academy	Eagle County Re 50	17	n<16	n/a
TOTAL		18,163	3,655	16.8%

*Did not have students enrolled in the 2019-20 school year

Some online schools have experienced a decrease in the percentage of students who are withdrawing over time, and there are eleven (10 MDOL and 1 SDOL) online schools that have had an ongoing decrease in withdrawal percentages each year since 2017-18. The trend of having a decreasing withdrawal rate in 2018-19 followed by an increase in the 2019-20 school year is seen in a handful of online schools. Table 12 shows the withdrawal rates by school over time.



Online schools highlighted in green have experienced a decrease in withdrawals from the 2018-19 school year to the 2019-20 school year and online schools that have experienced an increase in withdrawals are highlighted in peach. The table also shows the withdrawal percentages over time from the 2017-18 school year (the first year this report was produced), to the 2019-20 school year.

TABLE 12: Withdrawal Percentage over Time

Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	2019-20 Withdrawal	Percentage Point Difference 2018- 19 to 2019-20
70 Online	Pueblo County 70	17.0%	17.1%	18.8%	1.7%
Achieve Online	Colorado Springs 11	19.9%	17.9%	18.1%	0.2%
AIM Global	Las Animas Re-1	6.9%	6.9%	3.6%	-3.3%
Astravo Academy High School	Byers 32J	25.3%	21.5%	8.4%	-13.1%
Astravo Academy Middle School	Byers 32J	20.1%	15.4%	34.5%	19.1%
Astravo Online Academy Elementary School	Byers 32J	24.3%	40.0%	41.6%	1.6%
Astravo Online Academy High School	Byers 32J	43.9%	44.1%	48.3%	4.2%
Astravo Online Academy Middle School	Byers 32J	42.9%	36.0%	8.8%	-27.2%
BOLT Academy*	School District 27J	14.1%	14.8%	n/a	n/a
Boulder Universal	Boulder Valley Re-2	14.9%	19.1%	11.8%	-7.3%
Branson School Online	Branson Reorganized 82	19.3%	23.8%	19.2%	-4.6%
Center Virtual Academy	Center 26 JT	50.0%	47.1%	17.7%	-29.4%
Cherry Creek Elevation	Cherry Creek 5	n/a**	n/a**	19.0%	n/a
Colorado Connections @ Durango	Durango 9	20.2%	20.6%	15.7%	-4.9%
Colorado Connections Academy	Mapleton 1	31.7%	32.0%	25.1%	-6.9%
Colorado Preparatory Academy High School	Education reEnvisioned BOCES	26.7%	19.9%	14.4%	-5.5%
Colorado Preparatory Academy Elementary School	Education reEnvisioned BOCES	23.2%	16.0%	22.3%	6.3%



Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	2019-20 Withdrawal	Percentage Point Difference 2018- 19 to 2019-20
Colorado Preparatory Middle School	Education reEnvisioned BOCES	23.5%	22.2%	23.8%	1.6%
Colorado Virtual Academy	Byers 32J	23.8%	23.9%	13.5%	-10.4%
Colorado Virtual Academy Middle School	Byers 32J	27.3%	31.7%	11.2%	-20.5%
Colorado Virtual Academy High School	Byers 32J	32.2%	36.0%	22.3%	-13.7%
Denver Online High School	Denver County 1	21.9%	14.5%	24.2%	9.7%
Destinations Career Academy of Colorado	Julesburg Re-1	20.8%	14.8%	19.8%	5.0%
eDCSD	Douglas County Re-1	5.4%	14.3%	5.7%	-8.6%
Elevate Academy Elementary School*	Byers 32J	14.4%	14.3%	n/a	n/a
GOAL Academy	District 49	30.1%	23.7%	19.5%	-4.2%
Grand River Academy	Mesa County Valley 51	12.9%	14.6%	15.2%	0.6%
Hanover Online Academy	Hanover 28	50.0%	50.0%	60.0%	10.0%
Holyoke Alternative School	Holyoke Re-1J	26.7%	18.8%	20.0%	1.2%
HOPE Online Learning Academy Elementary	Douglas County Re-1	9.8%	9.7%	9.3%	-0.4%
HOPE Online Learning Academy High School	Douglas County Re-1	16.5%	12.1%	12.1%	0.0%
HOPE Online Learning Academy Middle School	Douglas County Re-1	9.3%	10.2%	9.2%	-1.0%
Immersion Schools Science Technology Arts	Las Animas Re-1	9.2%	10.4%	0.8%	-9.6%
Jeffco Virtual Academy	Jefferson County R-1	29.0%	24.6%	19.7%	-4.9%
Journey K8	Academy 20	20.8%	23.1%	17.5%	-5.6%
Monte Vista On-line Academy	Monte Vista C-8	11.4%	8.5%	14.9%	6.4%
Paragon Learning Center	Pueblo City 60	37.5%	29.5%	13.0%	-16.5%
Pathways Future Center	Adams 12 Five Star Schools	20.5%	25.9%	19.6%	-6.3%
Peak Virtual Academy	Montrose County Re-1J	8.0%	3.7%	12.0%	8.3%



Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	2019-20 Withdrawal	Percentage Point Difference 2018- 19 to 2019-20
Peyton Online Academy	Peyton 23 JT	15.4%	12.9%	13.0%	0.1%
Pikes Peak Early College	District 49	7.5%	1.1%	1.1%	0.0%
Pikes Peak Online School	Education reEnvisioned BOCES	30.9%	27.1%	22.1%	-5.0%
PSD Global Academy	Poudre R-1	16.1%	9.0%	11.3%	2.3%
Southwest Colorado E-School	San Juan BOCES	27.9%	10.0%	16.4%	6.4%
Springs Studio for Academic Excellence	District 49	9.8%	5.9%	8.5%	2.6%
St. Vrain Global Online Academy	St. Vrain Valley Re 1J	19.8%	15.9%	22.7%	6.8%
TCA College Pathways	Academy 20	4.4%	3.8%	4.0%	0.2%
Village High School	Academy 20	5.6%	3.1%	2.3%	-0.8%
World Academy	Eagle County Re 50	32.4%	13.3%	47.0%	33.7%
TOTAL		21.1%	19.1%	16.8%	-2.3%

*Did not have students enrolled in the 2019-20 school year

**Opened in 2019-20 school year

Withdrawals by Online School Types

There are two different types of online schools and data for both are included in this report. A multi-district online school (MDOL) is defined in statute as an online school that enrolls students from more than one district. MDOLs can be a charter school or a non-charter school. In the 2019-20 school year, 14 of the 38 MDOLs were charter schools. A single district online school (SDOL) is defined as an online school that enrolls students within the school district that the online school is located in. SDOLs can be charter schools or non-charter schools. In the 2019-20 school year there were 11 SDOLs in operation. All the SDOLs in 2019-20 were non-charter.

When reviewing the data by school type, students were coded as withdrawing at a slightly higher percentage in charter than non-charter MDOLs. Table 13 shows that 18.3 percent of students in charter MDOLs were coded as withdrawing in the 2019-20 school year and 15.5 percent of students in non-charter MDOLs were coded as withdrawing. In SDOLs, 17.1 percent of students were coded as withdrawing in the 2019-20 school year.



TABLE 13: 2019-20 Statewide Online Student Enrollment Based on School Type

School Type	Online Schools (#)	Online Schools (%)	Continued/Completed	Withdrew	Total	Withdrew (%)
Multi-district (Charter)	14	28.6%	7,504	1,680	9,184	18.3%
Multi-District (Non-Charter)	24	49.0%	9,547	1,746	11,293	15.5%
Single-District	11	22.4%	1,112	229	1,341	17.1%
TOTAL	49	100%	18,163	3,655	21,818	16.8%

Withdrawals by School

As mentioned before, three exit codes account for the highest occurrence of withdrawals, specifically 2,663 or 73 percent of the 3,655 total withdrawals. Given small n-sizes when displaying data by online school and exit type, the following tables below show the five online schools with the highest number (not percentage) of each of the following exit codes:

- Exit Code 13 – Transferred to Other School: Other LEA
- Exit Code 40 – Dropped Out (Grades 6-12)
- Exit Code 16 – Transferred to Home-Based Education (Home school)

TABLE 14: Online Schools with Highest Number of Exit Code 13 Records in 2019-20 (Transferred: Other LEA)

Online School	Authorizer	Exit Code 13 (#)	Total Withdrawals	Exit Code 13 (%)
Colorado Connections Academy	Mapleton 1	175	353	49.6%
GOAL Academy	District 49	163	970	16.8%
Colorado Preparatory Middle School	Education reEnvisioned BOCES	107	159	67.3%
Colorado Preparatory Elementary School	Education reEnvisioned BOCES	98	163	60.1%
Colorado Connections @ Durango	Durango 9	64	203	31.5%

TABLE 15: Online Schools with Highest Number of Exit Code 40 Records in 2019-20 (Dropped Out)

Online School	Authorizer	Exit Code 40 (#)	Total Withdrawals	Exit Code 40 (%)
GOAL Academy	District 49	634	970	65.4%
Pikes Peak Online School	Education reEnvisioned BOCES	111	172	64.5%



Online School	Authorizer	Exit Code 40 (#)	Total Withdrawals	Exit Code 40 (%)
Hope Online Learning Academy High School	Douglas County Re-1	32	68	47.1%
Denver Online High School	Denver Public Schools	29	69	42.0%
Pathways Future Center	Adams 12	25	59	42.4%

TABLE 16: Online Schools with Highest Number of Exit Code 16 Records in 2019-20 (Transferred to Home School)

Online School	Authorizer	Exit Code 16 (#)	Total Withdrawals	Exit Code 16 (%)
Astravo Online Academy High School	Byers 32J	169	231	73.2%
Colorado Connections Academy	Mapleton 1	95	353	26.9%
Colorado Virtual Academy High School	Byers 32J	61	79	77.2%
Astravo Academy Middle School	Byers 32J	40	68	58.8%
Colorado Preparatory Academy Elementary School	Education reEnvisioned BOCES	34	159	21.4%

Student Withdrawals, Continuations and Completions by Grade Level

A review of the data shows that more students are coded as withdrawing in the high school grade levels, with the most students withdrawing in the 12th grade. Table 17 below shows the number of students coded as withdrawing by grade level and exit date range.

TABLE 17: Students Coded as Withdrawals by Grade and Date Range in 2019-20 School Year

Grade Range	0-30 Days	30-60 Days	60-90 Days	90-120 Days	120-150 Days	150-200 Days	200+ Days	Total by Grade Range
K-2 nd	44	53	27	55	28	n<16	n<16	222
3 rd -5 th	62	60	37	64	25	26	n<16	283
6 th -8 th	132	134	104	139	76	52	n<16	652
9 th	60	59	52	114	40	35	n<16	374
10 th	79	84	69	139	57	52	17	497



Grade Range	0-30 Days	30-60 Days	60-90 Days	90-120 Days	120-150 Days	150-200 Days	200+ Days	Total by Grade Range
11 th	75	92	72	156	60	70	29	554
12 th	129	178	145	178	127	150	166	1,073
TOTAL STUDENTS	581	660	506	845	413	393	257	3,655

Continuations and Completions by Grade Level

Table 18 shows the five most frequently reported reasons students continued/completed by grade ranges. Of the 18,163 students reported as “continued or completed”, nearly 15,000 or 82.6 percent were reported as completing the school year with the online school.

Students reported as graduating totaled 2,932 students or 16.1 percent of the total amount of completers. Other reasons for completion include students who are reported as having completed a High School Equivalency Diploma (HSED). Two codes are associated with HSED completion: one that indicates that a student completed the HSED through a program administered by the same LEA and the other indicates that the student transferred to another LEA and completed with an HSED. In the 2019-20 school year, 97 students were assigned one of these two codes signaling completion with an HSED. In 2019-20, 80 students were coded as having been reassigned to another grade level within the same online school. 29 students were coded as having an extended absence of 6 weeks or longer but then returning to the online school. Other categories of completion (completion without a diploma, graduating but not completing the P-TECH or ASCENT program, etc.), have too small of an n-count to report.

TABLE 18: Top Five Continuation and Completion Codes by Grade Range in 2019-20 School Year

Exit Code	Code Description	K-2 nd	3 rd -5 th	6 th -8 th	9 th	10 th	11 th	12 th	Totals
00	Completed/ Did Not Exit School Year	1,035	1,350	3,292	1,847	2,514	2,960	1,999	14,997
90	Graduated with Diploma				n<16	n<16	167	2,756	2,932
94/93	Completed HSED Program (93-In-District, 94-Out of District)					n<16	25	59	97
10	Grade Reassignment in Same School	n<16	n<16	n<16	n<16	28	34	n/a	80
45	6 Week or Longer Absence but Returned			n<16	n<16	n<16	n<16	20	29

Grade Reassignment and Retention Coding

State statute requires this report to include an analysis of the grade level of students entering online schools and the grade level of students when the students transfer. For purposes of this report, when the student exits during the school year, we use their identified grade level at the start of the school year as captured by the October Count collection. There are some other grade change indicators that are collected, which will be described in greater detail below.



The Student End of Year data collection does code students who have completed the school year but have been retained in their grade. A retention code that indicates the student will remain in the same grade for the upcoming school year is assigned.

A review of data for the 2019-20 school year shows that, in grades K through 11, the number of students coded with a retention code was minimal (i.e., with n counts less than 16) for each grade level, however in total there were 27 students in grade K-11 that were coded with a retention code. For students in grade 12 however, 1,555 students were coded as retained. This is a slight increase from the previous year when 1,435 students were coded “retained”.

Colorado supports the notion that some students need more time to meet graduation requirements and may spend more than one year in 12th grade in order to access the education they need to graduate. Table 20 shows the five online schools with the highest number of 12th grade students coded with a retention code of “01” (student will repeat the grade in the next school year).

If a student is re-assigned to a different grade level at some point in the school year, the student is assigned exit code 10 and then given a new entry to track status for the remainder of the year. For the 2019-20 school year there were 80 students that were coded as having a grade re-assignment during the school year.

TABLE 20: 2019-20 Five Online Schools with the Largest Number of “01” Retention Code for 12th Grade Students

School	District	Student Coded with “01” Retention Code
GOAL Academy	District 49	947
AIM Global	Las Animas RE-1	257
Astravo Academy High School	Byers 32J	52
HOPE Online Learning Academy	Douglas County Re 1	46
Jeffco Virtual Academy	Jefferson County R-1	42

Enrollments after Student October Count

Student withdrawals from online schools are not the only type of student movement during the school year. Students also enroll in online schools throughout the school year. Table 20 displays the number of students who entered each online school after October 1st. Due to student privacy restrictions, the difference shown between withdrawals and enrollments in schools with small n-counts will be shown as n/a.

TABLE 21: 2019-20 Online School Withdrawals and New Enrollments after October 1

Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Academy 20	Journey K8	24	20	-4



Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Academy 20	TCA College Pathways	21	0	-21
Academy 20	Village High School	n<16	26	n/a
Adams 12 Five Star Schools	Pathways Future Center	59	133	+74
Boulder Valley Re-2	Boulder Universal	n<16	33	n/a
Branson Reorganized 82	Branson School Online	70	24	-46
Byers 32J	Astravo Academy Middle School	68	358	+290
Byers 32J	Astravo Academy High School	16	0	-16
Byers 32J	Astravo Online Academy Elementary School	47	112	+65
Byers 32J	Astravo Online Academy Middle School	n<16	n<16	n/a
Byers 32J	Astravo Online Academy High School	231	622	+391
Byers 32J	Colorado Virtual Academy	32	36	+4
Byers 32J	Colorado Virtual Academy Middle School	15	67	+52
Byers 32J	Colorado Virtual Academy High School	79	175	+96
Byers 32J	Elevate Academy Elementary School*	n/a	n/a	n/a
Center 26 JT	Center Virtual Academy	n<16	n<16	n/a
Cherry Creek 5	Cherry Creek Elevation	23	83	+60
Colorado Springs 11	Achieve Online	49	62	+13
Denver County 1	Denver Online High School	69	34	-35
District 49	GOAL Academy	970	403	-567
District 49	Pikes Peak Early College	n<16	0	n<16
District 49	Springs Studio for Academic Excellence	34	21	-13
Douglas County Re-1	eDCSD	n<16	20	n/a
Douglas County Re-1	Hope Online Learning Academy Elementary	79	24	-55
Douglas County Re-1	Hope Online Learning Academy Middle School	45	23	-22



Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Douglas County Re-1	Hope Online Learning Academy High School	71	55	-16
Durango 9	Colorado Connections @ Durango	203	59	-144
Eagle County Re 50	World Academy	n<16	22	n/a
Education reEnvisioned BOCES	Colorado Preparatory Elementary School	159	68	-91
Education reEnvisioned BOCES	Colorado Preparatory Middle School	95	55	-40
Education reEnvisioned BOCES	Colorado Preparatory Academy High School	163	31	-132
Education reEnvisioned BOCES	Pikes Peak Online School	172	33	-139
Hanover 28	Hanover Online Academy	n<16	n<16	n/a
Holyoke Re-1J	Holyoke Alternative School	n<16	n<16	n/a
Jefferson County R-1	Jeffco Virtual Academy	60	97	+37
Julesburg Re-1	Destinations Career Academy of Colorado	108	n<16	n/a
Las Animas Re-1	AIM Global	65	62	-3
Las Animas Re-1	Immersion Schools Science Technology Arts	n<16	n<16	n/a
Mapleton 1	Colorado Connections Academy	353	129	-224
Mesa County Valley 51	Grand River Academy	50	50	0
Monte Vista C-8	Monte Vista On-line Academy	17	n<16	n/a
Montrose County Re-1J	Peak Virtual Academy	22	n<16	n/a
Peyton 23 JT	Peyton Online Academy	n<16	n<16	n/a
Poudre R-1	PSD Global Academy	30	n<16	n/a
Pueblo City 60	Paragon Learning Center	24	127	+103
Pueblo County 70	70 Online	41	108	+67
San Juan BOCES	Southwest Colorado E-School	n<16	n<16	n/a
School District 27J	BOLT Academy*	0	0	n/a
St. Vrain Valley Re 1J	St. Vrain Global Online Academy	29	45	+16



GRAND TOTAL	3,655	3,280	-375
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*Did not have students enrolled in the 2019-20 school year

Impact of COVID-19

In March 2020, Governor Jared Polis suspended in-person learning in all Colorado schools due to the COVID-19 pandemic. Remote learning was implemented in schools statewide as students accessed learning from home. There was an assumption that online schools might experience an increase in enrollment from March 2020 to the end of school year. During the timeframe of March 18, 2020, the date that the governor issued the executive order suspending in-person learning, through the end of the school year, a total of 398 students were coded as entering an online school. Of the online schools that enrolled students during the timeframe mentioned above, only two schools had enrollment counts of more than 16. GOAL Academy (District 49) and Colorado Preparatory Academy Elementary School (Education ReEnvisioned BOCES) enrolled 229 and 22 students, respectively.

Conclusion

During the 2019-20 school year, 3,655 or 16.8% of students were coded as withdrawing from an online school. Based on an analysis of the 2019-20 data for students enrolled in both types of online schools (MDOL and SDOL), the three most widely assigned exit codes were for: 1) students withdrawing and transferring to a school in another school district (n=1,079), 2) students dropping out (n=1,004), and 3) students transferring to a non-public home-based education setting (home school) (n=580). The data from 2018-19 compared to data from the 2019-20 year showed a decrease of 273 student withdrawals. Students coded as completing and not exiting at any time during the school year increased by 848 students from the previous year.

As in previous years, the 2019-20 data show that students in online schools withdraw after October Count more frequently in the 90-120 days after October Count than other times of the school year. This date range may coincide with the semester’s end and the transition time between first and second semester.

Grade level analysis demonstrated that students in the 12th grade were retained for an additional year in the same grade more than students in any other grade level, meaning that they are not fully completing or graduating and are taking more time to complete high school. Grade level analysis also showed that students in 12th grade are coded as withdrawing at a higher rate than students in other grade levels.

Student graduation and completions totaled 18,163 for the 2019-20 school year. This accounts for 84.3 percent of student enrollments. Of the students who graduated and/or completed, 2,932 students were coded as graduating - an increase of 672 students from 2018-19. 97 students were coded as having completed the High School Equivalency Diploma (HSED) and 28 were coded as completing a P-TECH or ASCENT program.

The 2019-20 school year ended with a statewide suspension of in-person learning due to the COVID-19 pandemic. Analysis of school level data show that 398 students were coded as enrolling in an online school from March 2020 to the end of the school year. Outside of the pandemic, online schools also showed an increase in the number of students coded as enrolling after the Student October Count Day than in previous years.