



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

December 2020

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



Table of Contents

Introduction	3
Background and Context Data Utilized for Analysis	
Student Exit Codes	7
Year to Year Comparison of Student Withdrawals, Continuations, and Completions Statewide Student Withdrawals Statewide Student Continuations and Completions	
Student Withdrawals by Time	12
Withdrawals by Time of Year	
Student Withdrawals by School	14
Withdrawals by Online School Types Withdrawals by School	
Student Withdrawals, Continuation, and Completion by Grade Level	20
Continuations and Completions by Grade Level Grade Reassignment and Retention Coding	
Enrollments after Student October Count	22
Conclusion	24



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. An initial report on this topic was included in the 2019 Online Summary Report as an appendix. Beginning in 2020, the information will be shared in a standalone report and will be released annually.

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, home-based education setting, or graduated or completed high school within the same year.

Senate Bill 19-129 Regulation of Online Schools

- S.B. 19-129 directs the production of an annual report that looks at students who withdraw from enrollment in an online school after the annual count date.

Background and Context

In the 2018-19 school year, there were 49 K-12 online schools operating in Colorado. Of the 49 schools, 38 were multi-district online schools (MDOL). A multi-district online school enrolls students outside of the district that authorizes the school. The remaining 11 schools were single district online schools (SDOL). Pursuant to statute, multi-district online schools 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 2018-19 school year, 18 school districts and two BOCES authorized the 38 MDOLs. The 11 single district online schools were authorized by 11 separate school districts. Douglas County Re-1 authorizes both 3 MDOLs and a SDOL. Table 1 below includes details for each authorizer including the number of online schools, the total student enrollment, and the number and percentage of students enrolled in online schools.

TABLE 1: 2018-19 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	25,807	806	3.1%
Adams 12 Five Star Schools	1	38,095	336	0.9%
Boulder Valley Re-2	1	30,313	68	0.2%
Branson Reorganized 82	1	468	399	85.3%
Byers 32J	9	2,867	2,369	82.6%
Center 26 JT	1	598	16	2.7%
Colorado Springs 11	1	25,624	252	1.0%
Delta County 50(J)	1	4,672	12	0.3%



Authorizer	Online Schools (#)	District K-12 Enrollment (#)	Students Enrolled in Online School (#)	Students in Online Schools (%)
Denver County 1	1	86,887	269	0.3%
Douglas County Re-1	4	65,671	2,069	3.2%
District 49	3	22,397	4,738	21.2%
Durango 9	1	5,228	728	13.9%
Eagle County Re 50	1	6,605	30	0.5%
Education reEnvisioned BOCES	4	2,475	2,475	100.0%
Hanover 28	1	226	2	0.9%
Holyoke Re-1J	1	577	16	2.8%
Jefferson County R-1	1	81,691	302	0.4%
Julesburg Re-1	1	516	264	51.2%
Las Animas Re-1	2	2,280	1,823	80.0%
Mapleton 1	1	8,449	2,270	26.9%
Mesa County Valley 51	1	21,245	310	1.5%
Monte Vista C-8	1	1,094	118	10.8%
Montrose County Re-1J	1	5,852	187	3.2%
Peyton 23 JT	1	570	31	5.4%
Poudre R-1	1	39,686	224	0.8%
Pueblo City 60	1	15,621	89	0.6%
Pueblo County 70	1	9,717	193	2.0%
San Juan BOCES	1	50	50	100.0%
School District 27J	1	18,026	61	0.3%
St. Vrain Valley Re 1J	1	31,100	108	0.3%

The total online school student enrollment count for the 2018-19 school year was 20,615. Statewide, the percentage of students enrolled in online schools represent roughly 2.3 percent of all Colorado public school students. Table 2 below displays school type, grades served, and enrollment numbers for each school as reported on the Student October Count data collection for the 2018-19 school year.



TABLE 2: 2018-19 Online School Student Enrollment Count

Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
Academy 20	Academy Online	Multi-District	9-12	161
Academy 20	Journey K8	Multi-District	K-8	117
Academy 20	TCA College Pathways	Multi-District Charter	7-12	528
Adams 12 Five Star Schools	Pathways Future Center	Single District	9-12	336
Boulder Valley Re-2	Boulder Universal	Multi-District	K-12	68
Branson Reorganized 82	Branson School Online	Multi-District	K-12	399
Byers 32J	Colorado Digital Academy – Elementary	Multi-District Charter	K-6	526
Byers 32J	Colorado Digital Academy – Middle	Multi-District Charter	7-8	347
Byers 32J	Colorado Virtual Academy (COVA)	Multi-District Charter	9-12	684
Byers 32J	Elevate Academy Elementary School	Multi-District Charter	K-5	147
Byers 32J	Elevate Academy Middle School	Multi-District Charter	6-8	175
Byers 32J	Elevate Academy High School	Multi-District Charter	9-12	177
Byers 32J	Valiant Academy Elementary School	Multi-District Charter	K-5	50
Byers 32J	Valiant Academy Middle School	Multi-District Charter	6-8	75
Byers 32J	Valiant Academy High School	Multi-District Charter	9-12	188
Center 26 JT	Center Virtual Academy	Single District	9-12	16
Colorado Springs 11	Achieve Online	Multi-District	6-12	252
Delta County 50(J)	Achieve Blended Learning Academy	Single District	6-12	12
Denver County 1	Denver Online High School	Multi-District	9-12	269
Douglas County Re-1	EDCSD	Single District	9-12	28
Douglas County Re-1	Hope Online Learning Academy Elementary	Multi-District Charter	K-5	921
Douglas County Re-1	Hope Online Learning Academy Middle School	Multi-District Charter	6-8	531



Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
Douglas County Re-1	Hope Online Learning Academy High School	Multi-District Charter	9-12	589
District 49	GOAL Academy	Multi-District Charter	9-12	4,153
District 49	Pikes Peak Early College	Multi-District	9-12	175
District 49	Springs Studio for Academic Excellence	Multi-District	K-12	410
Durango 9	Colorado Connections @ Durango	Multi-District	K-12	728
Eagle County Re 50	World Academy	Single District	K-12	30
Education reEnvisioned BOCES	Colorado Preparatory Elementary School	Multi-District	K-5	602
Education reEnvisioned BOCES	Colorado Preparatory Middle School	Multi-District	6-8	687
Education reEnvisioned BOCES	Colorado Preparatory Academy High School	Multi-District	9-12	518
Education reEnvisioned BOCES	Pikes Peak Online School	Multi-District	9-12	668
Hanover 28	Hanover Online Academy	Multi-District	6-12	2
Holyoke Re-1J	Holyoke Alternative School	Single District	7-12	16
Jefferson County R-1	Jeffco Virtual Academy	Multi-District	6-12	302
Julesburg Re-1	Destinations Career Academy of Colorado	Multi-District	9-12	264
Las Animas Re-1	AIM Global	Multi-District	6-12	1,708
Las Animas Re-1	Immersion Schools Science Technology Arts	Multi-District	6-12	115
Mapleton 1	Colorado Connections @ Mapleton	Multi-District	K-12	2,270
Mesa County Valley 51	Grand River Academy	Single District	K-12	310
Monte Vista C-8	Monte Vista On-line Academy	Multi-District	4-12	118
Montrose County Re-1J	Peak Virtual Academy	Single District	K-12	187
Peyton 23 JT	Peyton Online Academy	Multi-District	7-12	31
Poudre R-1	PSD Global Academy	Multi-District	K-12	224
Pueblo City 60	Paragon Learning Center	Single District	9-12	89
Pueblo County 70	70 Online	Multi-District	K-12	193



Authorizer	Online School	School Type	Grades Served	Student K-12 Enrollment
San Juan BOCES	Southwest Colorado E-School	Multi-District	6-12	50
School District 27J	BOLT Academy	Single District	9-12	61
St. Vrain Valley Re 1J	St. Vrain Global Online Academy	Single District	9-12	108
ONLINE STUDENT ENROLLMENT			TOTAL	20,615

Data Utilized for Analysis

This report includes 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 from the school. This report also provides information, to the extent known, about whether the student enrolled in another school within the same school year or graduated/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 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). Data from the October Count snapshot data collection is included in this report.

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 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 2018-19 school year. Future reports will also be finalized a year after the initial data collection.

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 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 2018-19 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 has 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. It is important to note that the number of student records analyzed for this report may differ from student enrollment totals for the 2018-19 school year. This is due to school districts being able to provide additional information regarding student enrolment during an October count window. For this report, October 1 is used as



the October count day and therefore may not include students who might have transferred within the allowed window. The way in which the student was coded at the end of the year or when last transfer occurred is included in the analysis in efforts not to duplicate student records.

Some examples of “Continued Enrollment” codes are:

- Students returning after an extended absence;
- Students participating in a postsecondary program such as Pathways in Technology Early College High Schools (P-TECH) or Accelerating Students through Concurrent Enrollment (ASCENT); 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. 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 2018-19 School Year

Exit Code	Code Description	Grouping	Number of Online Student Records
00	Completed/ Did Not Exit School Year	Continued or Completed	14,149
02	Death	Withdrew	n<16
05	Other School: Out of Country	Withdrew	23
06	Exited to Unknown Educational Setting (K-6)	Withdrew	101
10	Grade Reassignment in Same School	Continued or Completed	97
11	Other School: In District	Withdrew	184
13	Other School: Other LEA	Withdrew	1,115
14	Other School: Other State	Withdrew	351
15	Other School: Non-Public	Withdrew	81
16	Transfer to Home-Based Education (Home school)	Withdrew	813
18	Transfer to Career and Technical Education (Vocational)	Withdrew	n<16
19	Transfer to Facility School	Withdrew	n<16
21	Transfer to State Facility	Withdrew	21
22	Exited after Mistaken Graduation	Withdrew	n<16



Exit Code	Code Description	Grouping	Number of Records
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	34
25	Extended Absences – 10+ Consecutive Days	Withdrew	25
26	Transfer to Out-of-District Detention Center	Withdrew	n<16
30	Illness/Injury	Withdrew	n<16
40	Dropped Out (6-12)	Withdrew	1,074
45	6 Week or Longer Absence but Returned	Continued or Completed	40
50	Expelled	Withdrew	n<16
56	Expelled with Educational Services Provided	Withdrew	n<16
70	Transfer to HSED Program (Out-of-District)	Withdrew	91
90	Graduated with Diploma	Continued or Completed	2,260
92	Completed with no Diploma	Continued or Completed	n<16
93	Completed HSED Program (In-District)	Continued or Completed	18
94	Completed HSED Program (Out-of-District)	Continued or Completed	67

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

In the 2018-19 school year, students coded as withdrawing from online schools after the October Count totaled 3,928 or 19.1 percent of the total number of online students who were enrolled in online schools at the beginning of the year. This is down from 21.1 percent of students coded as withdrawing from online schools after the October Count in the prior year.¹ Additionally, students who were coded as continuing or completing increased from 78.9 percent in 2017-18 to 80.9 percent in 2018-19.

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

School Year	Continued or Completed	Percentage	Withdrew	Percentage	Grand Total
2017-18	15,248	78.9%	4,086	21.1%	19,334
2018-19	16,669	80.9%	3,928	19.1%	20,597 ²

¹ For the 2019 report, please see [Appendix A in the 2019 Online Summary Report](#) on the CDE website.

² The number of student records analyzed using exit codes may differ from student enrollment totals for the 2018-19 school year.



Statewide Student Withdrawals

Of the 3,928 students coded as withdrawing from an online school statewide, the top reason for withdrawal was transferring to a school in another district. A total of 1,115 students, or 28.4 percent, of the exiting students were coded as transferring to a school in a different school district. Online school enrollment totals show that most online school students attend a multi-district online school. Because a multi-district online 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 also be the case if the student leaves the online school but still maintains the same personal residence.

The next highest reason that students exited online schools in 2018-19 was that the students dropped out of school. A total of 1,074 students, or 27.3 percent, of the withdrawals for the 2018-19 school year were coded with a dropout code. 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 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:

- 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 resulting in failure to complete education.

It is important to note that the number or percentage of students coded as dropouts 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 highest reason that students exited online schools in 2018-19 was to transfer to home-based education. A total of 813 students, or 20.7 percent, of the total withdrawals for the 2018-19 school year were coded as transferring to a non-public home-based education setting. Non-public home-based education is also referred to as 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 in Colorado 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 3,002 students or 76.4 percent of the 3,928 total withdrawals from online schools. Table 5 below contains information about the other reasons for withdrawal in the 2018-19 school year.

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

Exit Code	Code Description	Student Count	Withdrawal (%)
13	Other School: Other LEA	1,115	28.4%



Exit Code	Code Description	Student Count	Withdrawal (%)
40	Dropped Out (6-12)	1,074	27.3%
16	Transfer to Home-Based Education (Home school)	813	20.7%
14	Other School: Other State	351	8.9%
11	Other School: In District	184	4.7%
06	Exited to Unknown Education Setting (K-6)	101	2.6%
70	Transfer to HSED Program (Out-of-District)	91	2.3%
15	Other School: Non-Public	81	2.1%
25	Extended Absences – 10+ Consecutive Days	25	0.6%
05	Other School: Out of Country	23	0.6%
21	Transfer to State Facility	21	0.5%
	Other (Exit Codes: 02,18,19,22,26,30,50,56)	49	1.2%

Statewide Student Continuations and Completions

In the 2018-19 school year, 14,149 students, or 84.9 percent of the online students were coded as continuing or completing the school year and not exiting the online school. This was the highest reason students were coded as continuing or completing. The second highest reason for continuing/completing was graduating with a diploma. According to the data, there were 2,260 students coded as graduating from online schools in the 2018-19 school year, which represents 13.6 percent of the students coded as continuing or completing. Grade reassignments were the third highest reason for continuing/completing and accounted for 0.6 percent of the students coded with a continuing or completing code in the 2018-19 school year. The breakdown of students coded with continuation or completion codes are listed below in Table 6.

TABLE 6: Statewide Continued or Completed Grouping of Student Count by Exit Code

Exit Code	Code Description	Student Count	Continued/Completed (%)
00	Completed School Year/Did Not Exit	14,149	84.9%
90	Graduated with Diploma	2,260	13.6%
10	Grade Reassignment in Same School	97	0.6%
94	Completed HSED Program (Out-of-District)	67	0.4%



Exit Code	Code Description	Student Count	Continued/Completed (%)
45	6 Week or Longer Absence but Returned	40	0.2%
24	Completed P-Tech/ASCENT program	34	0.2%
93	Completed HSED Program (In-District)	18	0.1%
Other (Exit Codes: 23,92)		n<16	n<16

Student Withdrawals by Time

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 7: 2018-19 Statewide Online Student Grouping by Exit Date Range

Grouping	Exit Date Range (From October 1st)	Number of Student Records Coded	Percentage of Total Online Student Records
Continued or Completed	0-30 Days	620	3.0%
	30-60 Days	661	3.2%
	60-90 Days	548	2.7%
	90-120 Days	864	4.2%
	120-150 Days	488	2.4%
	150-200 Days	478	2.3%
	200+ Days	269	1.3%
	Total Withdrawals	3928	19.1%

Withdrawals by Time of Year

Table 7 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. Comparing semesters, students are coded as withdrawing at roughly the same percentages in the fall and spring semesters; 8.8 percent in what could be considered first semester (0-90 days after October Count) and 8.6 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.



GRAND TOTAL	620	661	548	864	488	478	269	3928
--------------------	------------	------------	------------	------------	------------	------------	------------	-------------

Student Withdrawals by School

In the 2018-19 school year, the schools with the lowest reported withdrawal percentages were Pikes Peak Early College, Academy Online (now known as Village High School), Peak Virtual Academy, and TCA College Pathways. Each online school had a withdrawal percentage of less than 5 percent in the 2018-19 school year. Student withdrawal percentages for other online schools in Table 9 range from 5.9 percent to 50 percent.

Table 9 shows the student count of each online school based on the groupings of “continued or completed” and “withdrew” in the 2018-19 school year.

TABLE 9: 2018-19 Online Student Count based on Grouping by School

Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (%)
70 Online	Pueblo County 70	160	33	17.1%
Academy Online	Academy 20	156	n<16	3.1%
Achieve Blended Learning Academy	Delta County 50(J)	n<16	n<16	n/a
Achieve Online	Colorado Springs 11	207	45	17.9%
AIM Global	Las Animas Re-1	1,589	118	6.9%
BOLT Academy	School District 27J	52	n<16	14.8%
Boulder Universal	Boulder Valley Re-2	55	n<16	19.1%
Branson School Online	Branson Reorganized 82	304	95	23.8%
Center Virtual Academy	Center 26 JT	n<16	n<16	n/a
Colorado Connections @ Durango	Durango 9	494	233	32.0%
Colorado Connections @ Mapleton	Mapleton 1	1,802	468	20.6%
Colorado Digital Academy – Elementary	Byers 32J	398	125	23.9%
Colorado Digital Academy – Middle	Byers 32J	237	110	31.7%
Colorado Preparatory Academy High School	Education reEnvisioned BOCES	435	83	16.0%
Colorado Preparatory Elementary School	Education reEnvisioned BOCES	482	120	19.9%



Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (%)
Colorado Preparatory Middle School	Education reEnvisioned BOCES	529	151	22.2%
Colorado Virtual Academy (COVA)	Byers 32J	437	246	36.0%
Denver Online High School	Denver County 1	230	39	14.5%
Destinations Career Academy of Colorado	Julesburg Re-1	225	39	14.8%
EDCSD	Douglas County Re-1	24	n<16	14.3%
Elevate Academy Elementary School	Byers 32J	126	21	14.3%
Elevate Academy High School	Byers 32J	139	38	21.5%
Elevate Academy Middle School	Byers 32J	148	27	15.4%
GOAL Academy	District 49	3,169	983	23.7%
Grand River Academy	Mesa County Valley 51	264	45	14.6%
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	832	89	9.7%
Hope Online Learning Academy High School	Douglas County Re-1	518	71	12.1%
Hope Online Learning Academy Middle School	Douglas County Re-1	477	54	10.2%
Immersion Schools Science Technology Arts	Las Animas Re-1	103	n<16	10.4%
Jeffco Virtual Academy	Jefferson County R-1	227	74	24.6%
Journey K8	Academy 20	90	27	23.1%
Monte Vista On-line Academy	Monte Vista C-8	108	n<16	8.5%
Immersion Schools Science Technology Arts	Las Animas Re-1	103	n<16	10.4%
Paragon Learning Center	Pueblo City 60	62	26	29.5%
Pathways Future Center	Adams 12 Five Star Schools	249	87	25.9%
Peak Virtual Academy	Montrose County Re-1J	180	n<16	3.7%
Peyton Online Academy	Peyton 23 JT	27	n<16	12.9%



Online School	Authorizer	Continued/ Completed	Withdrew	Withdrew (%)
Pikes Peak Early College	District 49	173	n<16	1.1%
Pikes Peak Online School	Education reEnvisioned BOCES	487	181	27.1%
PSD Global Academy	Poudre R-1	203	20	9.0%
Southwest Colorado E-School	San Juan BOCES	45	n<16	10.0%
Springs Studio for Academic Excellence	District 49	386	24	5.9%
St. Vrain Global Online Academy	St. Vrain Valley Re 1J	90	17	15.9%
TCA College Pathways	Academy 20	508	20	3.8%
Valiant Academy Elementary School	Byers 32J	30	20	40.0%
Valiant Academy High School	Byers 32J	105	83	44.1%
Valiant Academy Middle School	Byers 32J	48	27	36.0%
World Academy	Eagle County Re 50	26	n<16	13.3%
TOTAL		16,669	3,928	19.1%

Some online schools have experienced a decrease in the percentage of students who are withdrawing, while others are experiencing an increase. Online schools highlighted in green have experienced a decrease in withdrawals from the 2017-18 school year to the 2018-19 school year and online schools that have experienced an increase in withdrawals are highlighted in pink on Table 10 below.

TABLE 10: Withdrawal Percentage over Time

Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	Percentage Point Difference
70 Online	Pueblo County 70	17.0%	17.1%	0.1%
Academy Online	Academy 20	5.6%	3.1%	-2.5%
Achieve Blended Learning Academy	Delta County 50(J)	27.8%	16.7%	-11.1%
Achieve Online	Colorado Springs 11	19.9%	17.9%	-2.0%
AIM Global	Las Animas Re-1	6.9%	6.9%	0.0%
BOLT Academy	School District 27J	14.1%	14.8%	0.7%
Boulder Universal	Boulder Valley Re-2	14.9%	19.1%	4.2%



Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	Percentage Point Difference
Branson School Online	Branson Reorganized 82	19.3%	23.8%	4.5%
Center Virtual Academy	Center 26 JT	50.0%	47.1%	-2.9%
Colorado Connections @ Durango	Durango 9	20.2%	20.6%	0.4%
Colorado Connections @ Mapleton	Mapleton 1	31.7%	32.0%	0.3%
Colorado Digital Academy – Elementary	Byers 32J	23.8%	23.9%	0.1%
Colorado Digital Academy – Middle	Byers 32J	27.3%	31.7%	4.4%
Colorado Preparatory Academy High School	Education reEnvisioned BOCES	26.7%	19.9%	-6.80%
Colorado Preparatory Elementary School	Education reEnvisioned BOCES	23.2%	16.0%	-7.20%
Colorado Preparatory Middle School	Education reEnvisioned BOCES	23.5%	22.2%	-1.30%
Colorado Virtual Academy (COVA)	Byers 32J	32.2%	36.0%	3.8%
Denver Online High School	Denver County 1	21.9%	14.5%	-7.4%
Destinations Career Academy of Colorado	Julesburg Re-1	20.8%	14.8%	-6.0%
EDCSD	Douglas County Re-1	5.4%	14.3%	8.9%
Elevate Academy Elementary School	Byers 32J	14.4%	14.3%	-0.10%
Elevate Academy High School	Byers 32J	25.3%	21.5%	-3.80%
Elevate Academy Middle School	Byers 32J	20.1%	15.4%	-4.70%
GOAL Academy	District 49	30.1%	23.7%	-6.4%
Grand River Academy	Mesa County Valley 51	12.9%	14.6%	1.7%
Hanover Online Academy	Hanover 28	50.0%	50.0%	0.0%
Holyoke Alternative School	Holyoke Re-1J	26.7%	18.8%	-7.9%
Hope Online Learning Academy Elementary	Douglas County Re-1	9.8%	9.7%	-0.1%
Hope Online Learning Academy High School	Douglas County Re-1	16.5%	12.1%	-4.4%
Hope Online Learning Academy Middle School	Douglas County Re-1	9.3%	10.2%	0.9%



Online School	Authorizer	2017-18 Withdrawal	2018-19 Withdrawal	Percentage Point Difference
Immersion Schools Science Technology Arts	Las Animas Re-1	9.2%	10.4%	1.2%
Jeffco Virtual Academy	Jefferson County R-1	29.0%	24.6%	-4.4%
Journey K8	Academy 20	20.8%	23.1%	2.3%
Monte Vista On-line Academy	Monte Vista C-8	11.4%	8.5%	-2.9%
Paragon Learning Center	Pueblo City 60	37.5%	29.5%	-8.0%
Pathways Future Center	Adams 12 Five Star Schools	20.5%	25.9%	5.4%
Peak Virtual Academy	Montrose County Re-1J	8.0%	3.7%	-4.3%
Peyton Online Academy	Peyton 23 JT	15.4%	12.9%	-2.5%
Pikes Peak Early College	District 49	7.5%	1.1%	-6.4%
Pikes Peak Online School	Education reEnvisioned BOCES	30.9%	27.1%	-3.8%
PSD Global Academy	Poudre R-1	16.1%	9.0%	-7.1%
Southwest Colorado E-School	San Juan BOCES	27.9%	10.0%	-17.9%
Springs Studio for Academic Excellence	District 49	9.8%	5.9%	-3.9%
St. Vrain Global Online Academy	St. Vrain Valley Re 1J	19.8%	15.9%	-3.9%
TCA College Pathways	Academy 20	4.4%	3.8%	-0.6%
Valiant Academy Elementary School	Byers 32J	24.3%	40.0%	15.70%
Valiant Academy High School	Byers 32J	43.9%	44.1%	0.20%
Valiant Academy Middle School	Byers 32J	42.9%	36.0%	-6.90%
World Academy	Eagle County Re 50	32.4%	13.3%	-19.1%
TOTAL		21.1%	19.1%	-2.0%

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. A MDOL can be a charter school or a non-charter school. In the 2018-19 school year, 14 of the 38 multi-district online schools 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. In the 2018-19 school year there were 11 SDOLs in operation. All the SDOLs in 2018-19 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 11 shows that 21.1 percent of students in charter MDOLs were coded as withdrawing in the 2018-19 school year and 17.5 percent of students in non-charter MDOLs were coded as withdrawing. In SDOLs, 17.8 percent of students were coded as withdrawing in the 2018-19 school year.

TABLE 11: 2018-19 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%	7,172	1,914	9,086	21.1%
Multi-District (Non-Charter)	24	49.0%	8,518	1,802	10,320	17.5%
Single-District	11	22.4%	979	212	1,1191	17.8%
TOTAL	49	100%	16,669	3,928	20,597	19.1%

Withdrawals by School

As mentioned before, the three exit codes with the highest occurrence account for 3,002 students, or 76.4 percent of the 3,928 total withdrawals. Given small n sizes when displaying data by online school and exit type, the following tables below show only the top five online schools with the highest number for 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 12: Online Schools with Highest Number of Exit Code 13 Records in 2018-19

Online School	Authorizer	Exit Code 13 (#)	Total Withdrawals	Exit Code 13 (%)
Colorado Connections @ Mapleton	Mapleton 1	205	468	43.8%
GOAL Academy	District 49	173	983	17.6%
Colorado Preparatory Middle School	Education reEnvisioned BOCES	102	151	67.5%
Colorado Connections @ Durango	Durango 9	93	233	39.9%
Colorado Preparatory Elementary School	Education reEnvisioned BOCES	85	120	70.8%



TABLE 13: Online Schools with Highest Number of Exit Code 40 Records in 2018-19

Online School	Authorizer	Exit Code 40 (#)	Total Withdrawals	Exit Code 40 (%)
GOAL Academy	District 49	614	983	62.5%
Pikes Peak Online School	Education reEnvisioned BOCES	128	181	70.7%
Colorado Connections @ Mapleton	Mapleton 1	68	468	14.5%
Hope Online Learning Academy High School	Douglas County Re-1	38	87	43.7%
Pathways Future Center	Adams 12 Five Star Schools	35	71	49.3%

TABLE 14: Online Schools with Highest Number of Exit Code 16 Records in 2018-19

Online School	Authorizer	Exit Code 16 (#)	Total Withdrawals	Exit Code 16 (%)
Colorado Virtual Academy (COVA)	Byers 32J	196	246	79.7%
Colorado Digital Academy – Elementary	Byers 32J	97	125	77.6%
Colorado Digital Academy – Middle	Byers 32J	96	110	87.3%
Colorado Connections @ Mapleton	Mapleton 1	93	468	19.9%
Valiant Academy High School	Byers 32J	76	83	91.6%

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 15 below shows the number of students coded as withdrawing by grade level and exit date range.

TABLE 15: Students Coded as Withdrawals by Grade and Date Range in 2018-19 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	60	54	46	37	23	25	n<16	254
3 rd -5 th	56	51	51	62	37	25	16	298
6 th -8 th	146	166	131	168	76	50	27	764
9 th	69	52	48	129	52	40	16	406



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
10 th	71	96	57	132	61	71	35	524
11 th	72	79	64	143	75	102	59	594
12 th	146	163	151	193	164	164	107	1,088
TOTAL STUDENTS	620	661	548	864	488	478	269	3,928

Continuations and Completions by Grade Level

Table 16 shows the top five reasons students continued/completed by grade ranges. Of the 16,669 students reported as “continued or completed”, 14,149, or 84.9 percent, were reported as completing the school year with the online school.

Students reported as graduating totaled 2,260 students or 13.6 percent of the total amount of completers. Other reasons for completion include students who are reported as having completed a P-TECH or ASCENT program or those that have 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 year 2018-19, 85 students were assigned one of these two codes signaling completion with an HSED. In 2018-19, 34 students were reported as completing a P-TECH or ASCENT program. Other categories of completion, such as completion without a diploma and graduating but not completing the P-TECH or ASCENT program have too small of an n count to report.

TABLE 16: Top Five Continuation and Completion Codes by Grade Range in 2018-19 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	1,129	1,486	3,204	1,717	2,232	2,463	1,918	14,149
90	Graduated with Diploma						115	2,145	2,260
10	Grade Reassignment in Same School	n<16		n<16	n<16	36	31	n/a	97
70	Transfer to HSED Program (Out-of-District)				n<16	n<16	34	43	91
94	Completed HSED Program (Out-of-District)				n<16	n<16	17	39	67

Grade Reassignment and Retention Coding

Legislation 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. However, the current End of Year data collection does not ask schools to document the grade level of the student at the time of exit. 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 we do collect, 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 2018-19 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 students in grade 12 however, 1,435 students were retained.

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. For the 2018-19, there were 97 students that were coded as having a grade re-assignment during the school year.

Enrollments after October 1st

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 17 displays the number of students who entered each online school after the October Count Day. The table shows that some online schools have enrollment numbers that are similar to the number of withdrawals for 2018-19. Additionally, some online schools have enrollment numbers that are higher than the number of withdrawals meaning that they may be ending the school year with more students enrolled than were reported on the October Count Date. Due to student privacy restrictions, the difference shown between withdrawals and enrollments in schools with small n counts are displayed as n/a in the “difference” column. The fields are color coded with green if the number of enrollments were higher than the number of enrollments and color coded with pink if the number of student enrollments were less than the total number of withdrawals.

TABLE 17: 2018-19 Online School Withdrawals and New Enrollments after October 1

Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Academy 20	Academy Online	n<16	19	n/a
Academy 20	Journey K8	27	47	+20
Academy 20	TCA College Pathways	20	0	-20
Adams 12 Five Star Schools	Pathways Future Center	87	137	+50
Boulder Valley Re-2	Boulder Universal	n<16	19	n/a
Branson Reorganized 82	Branson School Online	95	29	-66
Byers 32J	Colorado Digital Academy – Elementary	125	n<16	n/a
Byers 32J	Colorado Digital Academy – Middle	110	n<16	n/a
Byers 32J	Colorado Virtual Academy (COVA)	246	n<16	n/a



Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Byers 32J	Elevate Academy Elementary School	21	0	-21
Byers 32J	Elevate Academy Middle School	27	n<16	n/a
Byers 32J	Elevate Academy High School	38	n<16	n/a
Byers 32J	Valiant Academy Elementary School	20	0	-20
Byers 32J	Valiant Academy Middle School	48	0	-48
Byers 32J	Valiant Academy High School	83	n<16	n/a
Center 26 JT	Center Virtual Academy	n<16	n<16	n/a
Colorado Springs 11	Achieve Online	45	62	+17
Delta County 50(J)	Achieve Blended Learning Academy	n<16	n<16	n/a
Denver County 1	Denver Online High School	39	37	n<16
Douglas County Re-1	EDCSD	n<16	21	n/a
Douglas County Re-1	Hope Online Learning Academy Elementary	89	31	-58
Douglas County Re-1	Hope Online Learning Academy Middle School	54	27	-27
Douglas County Re-1	Hope Online Learning Academy High School	71	71	0
District 49	GOAL Academy	983	272	-711
District 49	Pikes Peak Early College	n<16	0	n<16
District 49	Springs Studio for Academic Excellence	24	n<16	n/a
Durango 9	Colorado Connections @ Durango	233	75	-158
Eagle County Re 50	World Academy	n<16	24	n/a
Education reEnvisioned BOCES	Colorado Preparatory Elementary School	120	71	-49
Education reEnvisioned BOCES	Colorado Preparatory Middle School	83	73	-10
Education reEnvisioned BOCES	Colorado Preparatory Academy High School	151	38	-113
Education reEnvisioned BOCES	Pikes Peak Online School	181	47	-134
Hanover 28	Hanover Online Academy	n<16	n<16	n/a



Authorizer	Online School	Withdrawals After 10/1	Enrollments After 10/1	Difference
Holyoke Re-1J	Holyoke Alternative School	n<16	n<16	n/a
Jefferson County R-1	Jeffco Virtual Academy	74	108	+34
Julesburg Re-1	Destinations Career Academy of Colorado	39	n<16	n/a
Las Animas Re-1	AIM Global	118	253	+135
Las Animas Re-1	Immersion Schools Science Technology Arts	n<16	n<16	n/a
Mapleton 1	Colorado Connections @ Mapleton	468	203	-265
Mesa County Valley 51	Grand River Academy	45	62	+17
Monte Vista C-8	Monte Vista On-line Academy	n<16	n<16	n/a
Montrose County Re-1J	Peak Virtual Academy	n<16	n<16	n/a
Peyton 23 JT	Peyton Online Academy	n<16	n<16	n/a
Poudre R-1	PSD Global Academy	20	30	+10
Pueblo City 60	Paragon Learning Center	26	87	+61
Pueblo County 70	70 Online	33	138	+105
San Juan BOCES	Southwest Colorado E-School	n<16	23	n/a
School District 27J	BOLT Academy	n<16	19	n/a
St. Vrain Valley Re 1J	St. Vrain Global Online Academy	17	55	+38
GRAND TOTAL		3,928	2,147	-1,781

Conclusion

During the 2018-19 school year, 3,928 students were coded as withdrawing from an online school. This accounts for 19.1% of the total Student October enrollment for online schools for the year. Based on an analysis of the 2018-19 data for students enrolled in an online school, the three most widely assigned exit codes are for students withdrawing and transferring to a school in another school district (n=1,115), students dropping out (n=1,074), and students transferring to a non-public home-based education setting (n=813). The data from 2018-19 compared to data from the 2017-18 year showed a slight decline in student withdrawals and a slight increase in the number of students who were coded as completing the school year and not exiting at any time during the year.



Students in online schools withdraw at various points in the school year after October Count, however, 2018-19 data show that more students are coded as withdrawing 90-120 days after October Count. This date range may coincide with the semester's end and the transition time between the first and second semesters.

Grade level analysis of the data showed that students in the 12th grade were retained more than students in any other grade level, meaning that these students are not fully completing or graduating. 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 16,669 for the 2018-19 school year. Of this amount, 80.9 percent were those coded as completing the school year. Of the students who graduated and/or completed, 2,260 students were coded as graduating, 85 were coded as completing an HSED, and 34 were coded as completing a P-TECH or ASCENT Program.