



COLORADO
Department of Education

Collaborative Webinar: Postsecondary Programs & Student End of Year

March 2024

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- Postsecondary Programs: Years 5&6
 - ASCENT
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General Information

What are Postsecondary Programs?

- Provide opportunities for high school students to demonstrate the knowledge and skills (competencies) needed to succeed in postsecondary settings and to advance in career pathways as lifelong learners and contributing citizens.
- Support all the ways students can enter into postsecondary education - including certificate programs, apprenticeships and other work-based learning experiences, 2- and 4-year degrees, military, and career training.

General Information: Types of Postsecondary Programs



Years 1-4

- Concurrent Enrollment
- Early College
 - Participating schools only
- Dropout Recovery at a Community College
 - Students Age 16 to 21
- P-TECH Years 1-4
 - Participating schools only

Years 5-6

- ASCENT (year 5 only)
- P-TECH (years 5 & 6)
 - Student must have been coded as PTECH in year 4
 - Participating schools only
- TREP (years 5 & 6)
 - Slot allocation

Note: Number of years in High School is determined by the student's Anticipated Year of Graduation (AYG). Only students with an AYG indicating they are in their 5th year are eligible for ASCENT. Only students in their 5th or 6th year per AYG are eligible for the applicable years of P-TECH or TREP.

Counting for Graduation Rates vs Received Diploma



Colorado Graduation Rates

- Students who return to participate in ASCENT, TREP, or P-TECH years 5-6 may be counted as a graduate for graduation rate purposes at the end of their 4th year if they have met local and state graduation requirements.
- Prevents students participating in these programs from negatively effecting the 4-year on time graduation rate for the district/school.

Diploma Issued

- Students participating in ASCENT, TREP, and P-TECH years 5-6 programs receive their high school diplomas at the end of their corresponding program.
- Diplomas & Transcripts reflect a student's final exit from K-12 education as the graduation date.



12th grader who will return to participate in an approved postsecondary program in the next year (i.e. ASCENT, P-TECH, and TREP).

- Student Interchange Source File: Student School Association
- Used at the end of a student's 4th year if they are planning to return for a postsecondary program in the subsequent school year
 - Also used at the end of 5th year for P-TECH or TREP students returning for a 6th year
- Pairs with the following Exit Types
 - 00 - Did not exit
 - 90 - Graduated with regular diploma
 - Student must have reported Graduation Guidelines measures
 - 23 - Previous graduate did not complete a Postsecondary Program
 - Exit 23 is used at the end of the 5th year when a student will return for a 6th year program.
 - It can also be used for a student who discontinues a Postsecondary Program mid-year and will not return the following year.

Postsecondary Program Enrollment



- Student Interchange Source File:
 - Student School Association
- Reflects students who participated in one of the postsecondary programs **at any point during the school year**
 - Must match Student October for ASCENT, P-TECH years 5-6, TREP students
 - If October was coded in error, an exception will be needed

Code(s)	Program	Restrictions
01	ASCENT	5 th year per AYG 12 th grade only
17, 18, 19	TREP year 5	5 th year per AYG 12 th grade only
20	TREP year 6	6 th year per AYG 12 th grade only
16	P-TECH years 5-6	5 th or 6 th year per AYG 12 th grade only
15	P-TECH years 1-4	Grades 9-12
02	Concurrent Enrollment	Grades 9-12
07	Early College	Grades 9-12 Qualifying Schools only
08	Dropout Recovery at Community College	Ages 16 to 21
00	Not Applicable	PK – 12

Anticipated Year of Graduation

- Anticipated Year of Graduation (AYG) is the year a student is anticipated to graduate high school
 - 4 years after they enter 9th grade for the first time
- AYG is automatically assigned during the SEY collection process
- Once assigned, AYG does not change
- Students with the same AYG in a school/district are placed into a graduation cohort based upon that AYG that is used when calculating graduation and completion rates
- Colorado's process to assign an AYG to a student is based on US Dept. of Ed. [Regulation](#) & [Guidance](#)

Assigning AYG

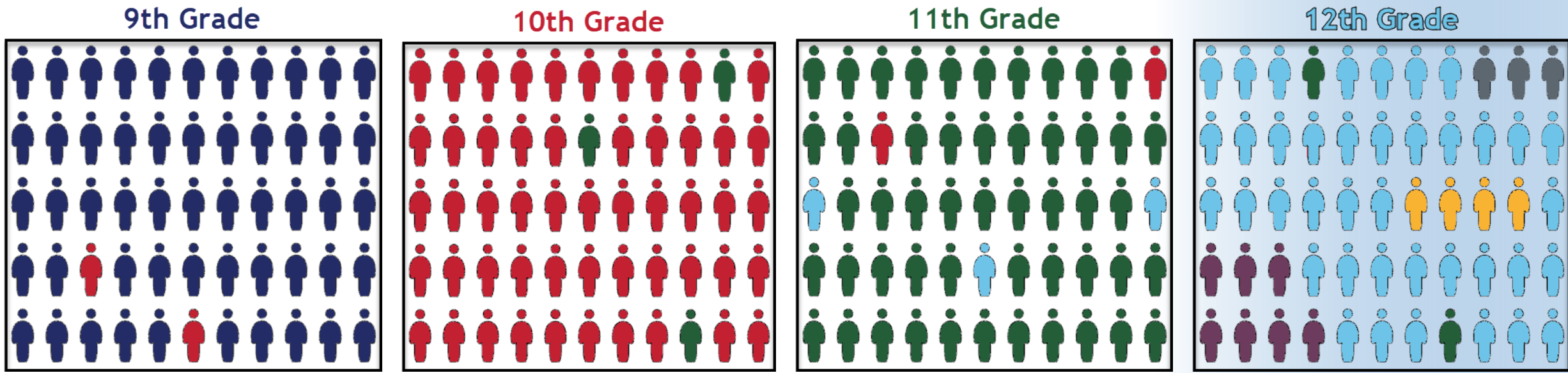


- Assigned in the school year a student is first reported as entering high school in Colorado through the Student End of Year collection (grades 9-12)
- Based upon the student's grade level as of October 1st of the current year

Grade Level	AYG Calculation	Example (Current Year 2022-2023)
9 th	Current Year + 3	AYG 2026
10 th	Current Year + 2	AYG 2025
11 th	Current Year + 1	AYG 2024
12 th	Current Year	AYG 2023

- If reported in multiple districts, will base AYG on the highest grade level as of 10/1
 - EXAMPLE:
 - District A reports 10th grade with an exit date on/after October 1st
 - District B reports 9th grade with an exit date on/after October 1st
 - Student's AYG will be calculated based on the 10th grade record in District A





- Example
AYG cohort
- 2026**
 - 2025**
 - 2024**
 - 2023**
 - 2022**
 - 2021**
 - 2020**

- Once a student is assigned an AYG, that AYG remains constant.
- Students who experience grade reassignments (acceleration or retention) remain in their original AYG cohort.

AYG represented in a High School Population





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EOY AYG lookup by SASID

List

SASID	Anticipated Year of Graduation	Starting District for Grad Cohort	Starting Year for Grad Cohort	Starting Grade for Grad Cohort	Number of Years into Grad Cohort	Last Reported School Year
	2025		2022	090	3	2023

Most recent SEY snapshot data.

Matches SASID to historical SEY data.

If no data is returned for a SASID, the SASID has not been assigned an AYG yet. Students in grades 9-12 will be assigned an AYG during the current year, SEY 2024, collection.





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Students with an assigned Anticipated Year of Graduation

District: [REDACTED]

School Year: 2023-2024

SASID	First Name	Last Name	Gender	Date of Birth	Entry Grade Level	School Entry Date	School Exit Date	School Exit Type	Anticipated Year of Graduation	Last Year Reported	Starting Grade for AYG	Starting Year for AYG	Starting District for AYG
					120				2024	2023	090	2021	
					110				2025	2023	090	2022	
					120				2024	2023	090	2021	
					110				2025	2023	090	2022	
					110				2025	2023	090	2022	
					120				2024	2023	090	2021	
					110				2025	2023	090	2022	
					100				2026	2023	090	2023	
					100				2026	2023	090	2023	

Grade level on current year SSA file.

Most recent SEY snapshot data.

Matches data from current untagged DEM & SSA files to the most recent SEY snapshot.

Students not reflected on this list have not yet been assigned an AYG.

Students in grades 9-12 will be assigned an AYG during the current year, SEY 2024, collection.

COGNOS/CEDAR Report: Students with an Assigned AYG



Postsecondary Programs Years 5 & 6

ASCENT



- **Accelerating Students through Concurrent Enrollment (ASCENT)** is a fifth-year high school program that allows students to participate in concurrent enrollment the year after 12th grade, to enroll in postsecondary courses and earn college credit at no tuition cost to them or their families.
- Additional costs, such as textbooks, fees, and transportation, are not required by the district to cover.
- Students need 9 postsecondary credits to qualify
- No longer a cap on slots (as of 2022-2023)
- ASCENT students are identified to CDE during Student October.



- All postsecondary credits need to be on the college transcript by June 30th of the 12th grade year.
- Check student's AYG to ensure they qualify for ASCENT.
- Students need to be college ready.
 - SAI (Supplemental Academic Instruction) courses can be taken in ASCENT.
- Have an application process in your district.
 - Requirement in statute
 - Districts can establish local requirements for ASCENT.
- Cooperative agreements (ASCENT specific or combined) in place for each institution students are planning to attend.
- [ASCENT Timeline and Consideration for Schools](#)



Counted as Graduate in 4th Year

Years in HS (per AYG)	4 th	5 th
Grade Level	120	120
Postsecondary Program	00 or 02	01
School Entry Type	02*	90
School Exit Type	90	24 or 23
Retention Code	2	0
Non School Program	00	04

Counted as Graduate in 5th Year

Years in HS (per AYG)	4 th	5 th
Grade Level	120	120
Postsecondary Program	00 or 02	01
School Entry Type	02*	02 or 11
School Exit Type	00	96
Retention Code	2	0
Non School Program	00	04

Notes:

- *Entry Type in 4th year may be any applicable code
- Exit 24 – Previous graduate who completed their ASCENT 5th year.
- Exit 23 – Previous graduate who did not complete their ASCENT 5th year.
- Diploma/Transcripts reflect exit date in the 5th year as the student’s graduation date.

P-TECH



- An innovative partnership between a school district, a community college(s), and one or more local high growth industry employer(s).
- Students begin in 9th grade and go through 14th grade (high school and two equivalent years of college) for a total of 6 years.
- Students graduate with both a high school diploma and an industry-recognized associate degree, in addition to gaining relevant workplace skills.
- The associate degree is in a Science, Technology, Engineering or Math (STEM) focused high-growth industry.
- P-TECH can be a school, or a program within a school.
- [Approved P-TECH Programs/Schools](#)



- Students should enter P-TECH in 9th grade and follow their prescribed pathway throughout.
- Check student's AYG to ensure they qualify for P-TECH.
- To be a student in the 5th year, students need to be coded as P-TECH in the year prior.



Counted as Graduate in 4th year

Years in HS (per AYG)	3 rd	4 th	5 th	6 th
Grade Level	110	120	120	120
Postsecondary Program	15	15	16	16
School Entry Type	*02	02	90	90
School Exit Type	00	90	23	24/23
Retention Code	0	2	2	0

Counted as Graduate in 6th Year

Years in HS (per AYG)	3 rd	4 th	5 th	6 th
Grade Level	110	120	120	120
Postsecondary Program	15	15	16	16
School Entry Type	*02	02	02	02
School Exit Type	00	00	00	96
Retention Code	0	2	2	0

Notes:

- *Entry type in 3rd year may be any applicable code
- Exit 24 – Previous graduate who completed their P-TECH 6th year.
- Exit 23 – Previous graduate who completed their P-TECH 5th year and will return for a 6th year or left P-TECH program in the middle of their 5th/6th year.
- Diploma/Transcripts reflect exit date in the 6th year as the student's graduation date (or point left program in middle of 5th/6th year without returning).

TREP

- Creates the opportunity for qualified students in an [educator career pathway](#) to concurrently enroll in postsecondary courses and earn college credit at no tuition costs to them or their families, for up to two years after the 12th grade year.
- Additional costs, such as textbooks, fees, and transportation, are not required by the district to cover.
- Students need to take one class on the [pathway](#) in their 12th grade year to be eligible
- Limited number of slots available
- Districts must submit an Intent to Participate and spreadsheet with student level data to request slots
- New program 2022-2023



- Check students' AYG to ensure they qualify for TREP.
- Students need to be college ready.
 - SAI (Supplemental Academic Instruction) courses can be taken in TREP.
- Cooperative agreements (TREP specific or combined) in place for each institution a student is planning to attend.
- Districts apply to CDE for TREP slots- March 1st - May 1st.
 - Two-step process:
 - Intent to Apply
 - Student-level data spreadsheet submitted via Syncplicity.
- Allocation model will be used if CDE receives more applications than slots.
- Students in TREP need to take one pathway course each fall for funding.



Counted as Graduate in 4th year

Years in HS (per AYG)	4 th	5 th	6 th
Grade Level	120	120	120
Postsecondary Program	00 or 02	17, 18, 19	20
School Entry Type	02*	90	90
School Exit Type	90	23	24 or 23
Retention Code	2	2	0

Counted as Graduate in 6th year

Years in HS (per AYG)	4 th	5 th	6 th
Grade Level	120	120	120
Postsecondary Program	00 or 02	17, 18, 19	20
School Entry Type	02*	02	02
School Exit Type	00	00	96
Retention Code	2	2	0

Notes:

- *Entry type in 4th year will be any applicable code
- Exit 24 – Previous graduate who completed their TREP 6th year.
- Exit 23 – Previous graduate who completed their TREP 5th year and will return for a 6th year *or* left TREP program in the middle of their 5th/6th year.
- Diploma/Transcripts reflect exit date in the 6th year as the student's graduation date or point in which student leaves program.
- TREP codes 18, 19, 20 will be new in the 2023-2024 school year.

Other Postsecondary Programs



- A program which allows the **simultaneous enrollment** of a qualified student in a local education provider and in one or more postsecondary courses, including academic or career and technical education courses, **at an institution of higher education** at no tuition cost to the student.
- Postsecondary Program Code = 02

- An Early College, as defined by [C.R.S. 22-35-103\(10\)\(a\)](#), is a secondary school that provides only a curriculum that requires each student to enroll in and complete secondary and postsecondary courses **while enrolled in the four years of high school** such that, **upon successful completion of the curriculum**, the student will have completed the requirements of a **high school diploma** and an **associate's degree** or **other postsecondary credential** or **at least sixty credits** toward the completion of a postsecondary credential. **The curriculum must be designed to be completed within four years.**
- [State Approved Early College List](#)
- Postsecondary Program Code = 07



- A dropout recovery program allowing a student who has **dropped out** of high school, or a student who is **at-risk of dropping out** of high school, to complete their high school graduation requirements **exclusively at the community college**. Any individual **age 16 to 21** who has dropped out of school may participate **with the permission of the school district**.
- Postsecondary Program Code = 08

SEY Coding Example: Remained in program all year



Data Field	Code
Postsecondary Program Enrollment	<ul style="list-style-type: none">• 02 (Concurrent Enrollment)• 07 (Early College)• 08 (Dropout Recovery @ Comm. College)
School Entry Date	Beginning of School Year
School Exit Date	00000000 (Or applicable date if student withdrew)

SEY Coding Example: Change of program during the year



Record 1	Data Field	Code	Notes
	School Code	Applicable code	N/A
	Postsecondary Program Enrollment	00, 02, 07, 08	N/A
	School Entry Date	Beginning of School Year	N/A
	School Exit Date	End of postsecondary program status	N/A
	School Exit Type	11 (transfer in district)	Used even if student is not leaving the school, just having a change of PS enrollment status.

Record 2	Data Field	Code	Notes
	School Code	Applicable code	Most likely the same as the first record.
	Postsecondary Program Enrollment	00, 02, 07, 08	N/A
	School Entry Date	Date new postsecondary program status begins	Often the day after the exit date in the first record.
	School Exit Date	00000000	Or applicable date if student withdrew

Innovative Learning Opportunities Pilot (ILOP)

- Enables participating Local Education Providers (LEPs) to offer their 9th through 12th grade high school students a variety of learning experiences that usually occur outside of the classroom.
- Learning experiences should be designed to enrich students' education and support them in successfully transitioning from high school to postsecondary education and/or the workforce.
- Schools/districts receive full-time funding for ILOP students, regardless of actual number of teacher-pupil instruction hours and teacher-pupil contact hours for each pupil



- Newly included in SEY snapshot for 2023-2024 collection
 - Source Interchange File: Student School Association File
 - Addition of this field allows CDE staff to do internal analysis to compare OCT vs. SEY reporting.
- Codes:
 - 0 - Student is not participating in an ILOP
 - 1 - Student is participating in an ILOP program and is scheduled for **less than 360** hours of instruction (excluding ILOP courses)
 - 2 - Student is participating in an ILOP program and is scheduled for **at least 360** hours of instruction (excluding ILOP courses)
- Best Practice:
 - Use the same coding pattern concept the other postsecondary programs, using multiple records if the student's ILOP status changed mid year.

Resources & Contact Information



Student End of Year

- [Student End of Year](#)
- [Student Interchange \(GG, SSA, DEM\)](#)

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Postsecondary Programs

- [ASCENT](#)
- [P-TECH](#)
- [TREP](#)
- [Concurrent Enrollment](#)
- [ILOP](#)

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