



# Anticipated Year of Graduation

## Student End of Year Internal Flag Calculation

### Overview

Anticipated Year of Graduation (AYG) is used to determine graduation cohort groups for calculating on-time graduation and completion rates. The four-year on-time graduation rate measures the percentage of students who graduate high school in four years or less after entering ninth grade. Thus, when a student initially enters the ninth grade in Colorado (as reported in Student End of Year), an anticipated year of graduation is assigned four years later. Students who enter a Colorado public school for the first time after their ninth-grade year are assigned an AYG based upon their entry grade level.

### AYG Assignment

A student’s Anticipated Year of Graduation (AYG) is automatically assigned during the Student End of Year data collection process. Once a student is assigned an AYG, they remain in that AYG throughout their high school career even if they experience a grade reassignment or retention. This automated process works through the following questions:

1. Does the student already have an AYG cohort assigned from a prior year?
  - o Yes, fill in the AYG cohort information for this student based upon the prior year information.
    - This includes students with an AYG cohort assignment from any Colorado district, not just the district the student currently attends.
    - In very rare circumstances, a student in 7<sup>th</sup> or 8<sup>th</sup> grade may have an assigned AYG if they were assigned an AYG in a prior year and had a grade reassignment placing them back in a younger grade in the current school year.
  - a. No, continue to step 2.
2. Should the student be assigned an AYG cohort this year?
  - o Yes, if the student is in 9<sup>th</sup> grade or above as of October 1<sup>st</sup> of the current school year.
    - The student’s highest reported grade level as of October 1<sup>st</sup> will determine the assigned AYG cohort in the year the student’s cohort is being assigned.
  - a. No, if the student is in Preschool through 8<sup>th</sup> grade.

| Grade Level            | AYG Assignment Calculation | Example<br>(Current Year 2023-2024) |
|------------------------|----------------------------|-------------------------------------|
| 9 <sup>th</sup> Grade  | Current Year + 3           | AYG 2027                            |
| 10 <sup>th</sup> Grade | Current Year + 2           | AYG 2026                            |
| 11 <sup>th</sup> Grade | Current Year + 1           | AYG 2025                            |
| 12 <sup>th</sup> Grade | Current Year               | AYG 2024                            |

Note: AYG cohorts are represented by the year of the Spring semester of the anticipated school year of graduation. So, an AYG of 2024 means the student is anticipated to graduate in the 2023-2024 school year.



## AYG Assignment Data Fields

- *Starting Year for Graduation Cohort*: The school year that the student was placed into an AYG graduation cohort.
- *Starting Grade for Graduation Cohort*: The grade attended when the student was placed into a graduation cohort.
- *Starting District for Graduation Cohort*: The district attended when the student was placed into a graduation cohort.
- *Anticipated Year of Graduation*: The school year the student is anticipated to graduate in, also known as the student's AYG graduation cohort.

## AYG Assignment Technical Notes

If no prior AYG data was found for the given SASID, Data Pipeline will then check if an AYG should be assigned to the student in the current year using the following criteria.

- Student is in grade 090, 100, 110, or 120 and does not already have an assigned AYG.
- School code is not from a detention center (9801-9809)
- Student's school exit date is 00000000 or is on/after October 1<sup>st</sup> of the current year
  - School exit date is ignored if the student has a school exit type of 01, 18, 19, 20, 21, 26, 30, 40, 50, or 70. See the Student School Association file layout on the [Student Interchange website](#) for detailed descriptions of school exit types.

Students who meet the above criteria will have their AYG set along with the supporting data fields. The record with the highest grade level on or after October 1<sup>st</sup> will be used to set the student's AYG cohort.

- *Starting Year for Graduation Cohort*: set to current reporting year
- *Starting Grade for Graduation Cohort*: set to current grade level
- *Starting District for Graduation Cohort*: set to current reporting district
- *Anticipated Year of Graduation*: calculated based upon student's grade level

Students who do not meet the above criteria will have their AYG data fields zero filled for the current year.

- *Starting Year for Graduation Cohort*: 0000
- *Starting Grade for Graduation Cohort*: 000
- *Starting District for Graduation Cohort*: 0000
- *Anticipated Year of Graduation*: 0000

## **AYG Reconciliation**

If a student is reported in multiple school districts in the current year and is entering 9th grade or above for the first time in the current year, an AYG reconciliation may take place once all districts have submitted their data. The final value determined in this process is based upon the student's highest reported grade on or after October 1st.

Scenario:

- District A reports student in 10th grade with an exit date on/after October 1st
- District B reports student in 9th grade with an exit date on/after October 1st

Outcome: In this scenario, the student's AYG will be set based upon District A's reported grade level of 10th grade, setting the AYG to current year + 2.