



# Academic Performance of 2022 Arizona High School Graduates

## “2040” Report for 2023

### Overview

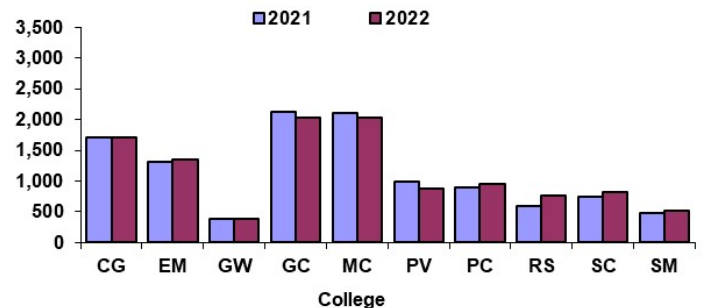
The Maricopa Community Colleges, as well as all other community colleges and universities in Arizona, provide an annual report to the state legislature on the academic performance of recent Arizona high school graduates during their first year of higher education. The report is an accountability tool that is intended to help Arizona high schools monitor their students’ post-secondary success. The data in the report is summarized for all students attending a Maricopa Community College.

Five colleges experienced a decrease in the number of recent high school graduates attending their college, compared to decreases at all colleges last year, as illustrated in the graph below.

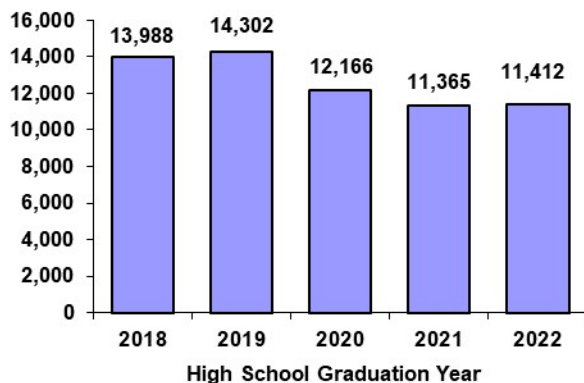
### Recent High School Graduates

This year a total of 11,412 recent high school graduates chose to attend a Maricopa County Community College in the year following their graduation. The number of recent high school students enrolled increased by 47 students or 0.4% higher than last year.

Arizona High School Graduates Attending a Maricopa Community College



Arizona High School Graduates Attending a Maricopa Community College



### Student’s First College Course

Of the 2022 graduates attending a Maricopa Community College, 60% enrolled in an English course within their first year. Fifty-nine percent of the graduates enrolled in a college level English course and one percent enrolled in a pre-freshman (developmental) English course.

Sixty percent of the graduates attending a Maricopa Community College, in the first year following graduation, enrolled in a math course. Forty-six percent of the graduates enrolled in a college level math course, 11% enrolled in an intermediate level math course, and three percent enrolled in a pre-intermediate (developmental) algebra course.

### Student Performance

The average first-term GPA of students was 2.48, which was higher by 0.03 compared to last year (on a 4.0=A scale).



As a group, students perform better in their first English course than in their first math course. The average grades received this year are listed below.

**2022 Average Grade Point Average  
In First Level Class**

|                          |      |
|--------------------------|------|
| Pre-Freshman English     | 2.72 |
| Freshman English         | 2.89 |
| Other English            | 3.25 |
| Pre-Intermediate Algebra | 2.42 |
| Intermediate Algebra     | 2.04 |
| College Algebra          | 2.51 |
| Calculus                 | 2.89 |
| Other College Math       | 2.59 |

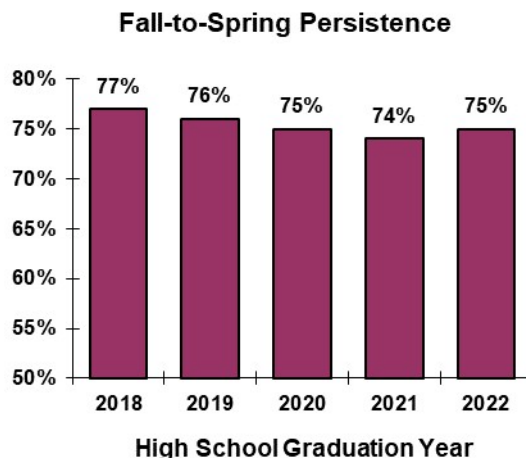
See page 4 for course category definitions.

The percent of students with a grade of '2.0' or higher results are listed below by course category.

**2022 Percent with Grade '2.0' or Higher**

|                          | <u>%</u> |
|--------------------------|----------|
| Pre-Freshman English     | 79       |
| Freshman English         | 86       |
| Other English            | 94       |
| Pre-Intermediate Algebra | 77       |
| Intermediate Algebra     | 68       |
| College Algebra          | 79       |
| Calculus                 | 87       |
| Other College Math       | 82       |

The percent of the high school graduates enrolled in Fall 2022 who continued to the Spring 2023 semester at the same college was 75%, which was one percentage point higher than last year.



The following page summarizes the data for all Arizona high schools and all Maricopa Community Colleges.

# Maricopa Community College District ALL ARIZONA HIGH SCHOOLS Summary

High School Graduation Year: **2022**

Report Year: **2023**

| Summary Characteristics   |        |  |      |
|---|--------|--|------|
| <b>Number of High School Students Enrolled at Community College</b> | 11,412 | <b>First Term Average GPA</b><br><br>All Arizona H.S.                | 2.48 |
| <b>Percent Who Are</b>  |        | <b>Fall Enrollments Continuing in Spring</b><br><br>All Arizona H.S. | 75 % |
| American Indian   | 2 %    |  |      |
| Asian   | 4 %    |  |      |
| Black   | 5 %    |  |      |
| Hispanic  | 46 %   |  |      |
| Female  | 53 %   |  |      |

| FIRST English Course                         | PFE  | FE    | AE   | OE   | FIRST Math Course                            | PIA  | IA    | CA    | C    | OCM   |
|--|------|-------|------|------|--|------|-------|-------|------|-------|
| <b>Number Enrolled</b>                       |      |       |      |      | <b>Number Enrolled</b>                       |      |       |       |      |       |
| All Arizona H.S.                             | 113  | 6,546 | 0    | 196  | All Arizona H.S.                             | 370  | 1,309 | 2,518 | 537  | 2,142 |
| <b>Percent Enrolled</b>                      |      |       |      |      | <b>Percent Enrolled</b>                      |      |       |       |      |       |
| All Arizona H.S.                             | 1    | 57    | 0    | 2    | All Arizona H.S.                             | 3    | 11    | 22    | 5    | 19    |
| <b>Average Grade</b>                         |      |       |      |      | <b>Average Grade</b>                         |      |       |       |      |       |
| All Arizona H.S.                             | 2.72 | 2.89  | 0.00 | 3.25 | All Arizona H.S.                             | 2.42 | 2.04  | 2.51  | 2.89 | 2.59  |
| <b>Percent with a Grade of 2.0 or Higher</b> |      |       |      |      | <b>Percent with a Grade of 2.0 or Higher</b> |      |       |       |      |       |
| All Arizona H.S.                             | 79   | 86    | 0    | 94   | All Arizona H.S.                             | 77   | 68    | 79    | 87   | 82    |

|                            |                                |
|----------------------------|--------------------------------|
| PFE = Pre-Freshman English | PIA = Pre-Intermediate Algebra |
| FE = Freshman English      | IA = Intermediate Algebra      |
| AE = Advanced English      | CA = College Algebra           |
| OE = Other English         | C = Calculus                   |
|                            | OCM = Other College Math       |

The "Average Grade" is calculated based on the students that received a grade of A, B, C, D, or F in the First English Course or First Math Course. Grades are assigned a numerical value (A = 4.0, B = 3.0, C = 2.0, D = 1.0, F = 0). For the First English Course or First Math Course, the numerical values are summed and then divided by the number of students that received a grade of A, B, C, D, or F.

**Note:**

"All Arizona H.S." include only Arizona H.S. whose 2021-2022 graduates were enrolled in Maricopa Community College District

## HIGH SCHOOL GRADUATES: 2022 PERFORMANCE AS COLLEGE FRESHMEN: 2023

The Academic Performance of High School Graduates summary is provided to assist you in assessing the overall academic performance and participation of your recent high school graduates at the Maricopa Community Colleges (MCCCD). The statistics are based on Arizona freshmen attending the summer, fall, or spring terms immediately following high school graduation. Students self-report the high school they attended when they register for classes. This information can be accessed on the web at: <https://www.maricopa.edu/about/institutional-data/az2040-reports>. Send questions to: [dl-compliance-reporting@memo.Maricopa.edu](mailto:dl-compliance-reporting@memo.Maricopa.edu)

| <b>Summary Characteristics</b>   |   |  |   |
|--|---|--|---|
| The Summary Characteristics reports the overall enrollment, academic performance, and persistence of your 2022 graduates compared to other Arizona 2022 high school graduates. |   |  |   |
| <b>Number of High School Students Enrolled at Community College</b>  | This is the total number of your graduates who enrolled in the summer, fall, or spring terms.                         | <b>First Term Average GPA</b>                | This is the first term grade point average of your graduates compared to all Arizona 2022 high school graduates enrolled. |
| <b>Percent Who Are</b>   | This is the distribution of your graduates who enrolled in the summer, fall, or spring terms by gender and ethnicity. | <b>Fall Enrollments Continuing in Spring</b> | This is the percent of 2022 high school graduates enrolled in Fall 2022 who continue to the Spring 2023 semester.         |

|  |   |
|--|---|
| <p><b>First English Course</b> - Includes information on the academic performance of 2022 high school graduates in the first English course taken at MCCCD compared to all Arizona 2022 high school graduates.</p> <p><b>PFE Pre-Freshman English</b><br/>           ENG071, 081, 091 – Preparatory Academic Writing<br/>           ENG100AA-AE – Amer-Eng Spelling System - Composition Skills<br/>           WAC101 – Writing Across the Curriculum</p> <p><b>FE Freshman English</b><br/>           ENG101, 102 – First-Year Composition<br/>           ENG101LL – First-Year Composition Lab<br/>           ENG107, 108 – First-Year Composition for ESL<br/>           ENG107LL – First-Year Composition Lab for ESL</p> <p><b>AE Advanced English</b> – No MCCCD courses are classified as Advanced English</p> <p><b>OE Other English</b> – Other English courses numbered at or above ENG100 that are not included in other categories listed above.</p> <p><i>Please consider the First English Course and First Math Course changes, that are listed in italics, when comparing data to prior years.</i></p> | <p><b>First Math Course</b> - Includes information on the academic performance of 2022 high school graduates in the first Math course taken at MCCCD compared to all Arizona 2022 high school graduates.</p> <p><b>PIA Pre-Intermediate Algebra</b> – Any math course numbered below MAT114</p> <p><b>IA Intermediate Algebra</b><br/>           MAT114, 115 – College Algebra Prep<br/>           MAT120, 121, 122 – Intermediate Algebra<br/>           MAT126 – Intermediate Algebra with Review</p> <p><b>CA College Algebra</b><br/>           MAT150, 151, 152 – College Algebra/Functions<br/>           MAT155, 156 – College Algebra/Functions w/Review</p> <p><b>C Calculus</b><br/>           MAT212, 213 – Brief Calculus<br/>           MAT217, 218 – Math Analysis for Business<br/>           MAT220, 221 – Calculus with Analytic Geometry I<br/>           MAT230, 231 – Calculus with Analytic Geometry II<br/>           MAT240, 241 – Calculus with Analytic Geometry III</p> <p><b>OCM Other College Math</b> – Other math courses numbered above MAT126 that are not included in other categories listed above.</p> |
|--|---|

**Number Enrolled/Percent Enrolled (Your High School/All Arizona High Schools)**  
 These statistics are based on the number of students who enrolled in an English or math course at the community college in the summer, fall, or spring terms immediately following high school graduation. The percent distribution indicates where your students entered the curriculum as compared to other Arizona high school graduates. The percentages are computed based on the total number of high school graduates enrolled at the community college (see Summary Characteristics); therefore, the percentages do not sum to 100 percent. The difference is due to those not taking any English or math during the summer, fall, or spring terms following graduation from high school.

**Average Grade** is calculated based on the students that received a grade of A, B, C, D, or F in the First English Course or First Math Course. Grades are assigned a numerical value (A = 4.0, B = 3.0, C = 2.0, D = 1.0, F = 0). For the First English Course or First Math Course, the numerical values are summed and then divided by the number of students that received a grade of A, B, C, D, or F.

**Percent of students with a Grade of 2.0 or Higher (Your High School/All Arizona High Schools)**  
 This is the percent of your graduates who received a grade of 2.0 or higher in the first English or math course attempted.

| <b>College Contacts:</b> |                |              |                 |               |              |
|--------------------------|----------------|--------------|-----------------|---------------|--------------|
| Chandler-Gilbert         | Paul Tran      | 480-732-7307 | Paradise Valley | Frank Amparo  | 602-787-7029 |
| Estrella Mountain        | Ralph Campbell | 623-935-8051 | Phoenix College | Brenda Starck | 602-285-7503 |
| GateWay                  | Kristie Fok    | 602-286-8062 | Rio Salado      | Laurel Redman | 480-517-8563 |
| Glendale                 | Angie Acuna    | 623-845-3307 | Scottsdale      | Laura Krueger | 480-423-6116 |
| Mesa                     | Jeff Rhoads    | 480-461-7565 | South Mountain  | Nicole Wetzel | 602-305-5677 |