



Academic Performance of 2020 Arizona High School Graduates

“2040” Report for 2021

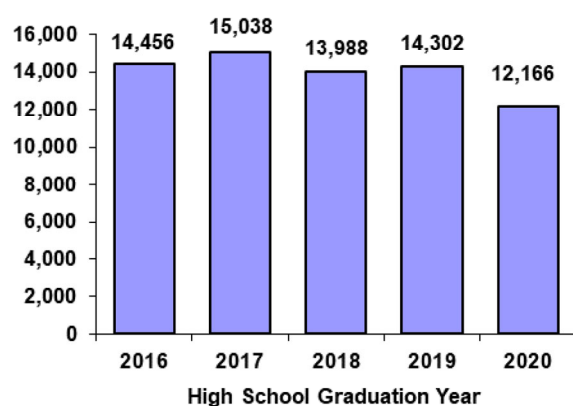
Overview

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.

Recent High School Graduates

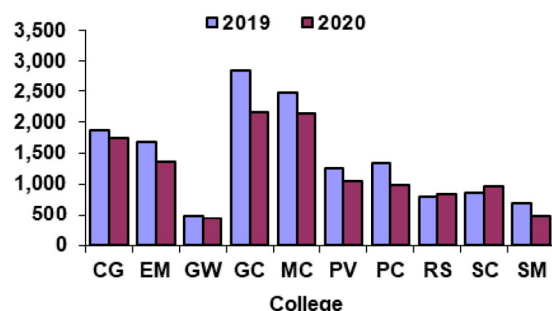
This year a total of 12,166 recent high school graduates chose to attend a Maricopa County Community College in the year following their graduation. The number of recent high school students enrolled decreased by 2,136 students or 14.9% lower than last year.

Arizona High School Graduates Attending a Maricopa Community College



All but two of the colleges (Rio Salado and Scottsdale) experienced a decrease in the number of recent high school graduates attending their college, compared to last year, as illustrated in the graph below.

Arizona High School Graduates Attending a Maricopa Community College



Student's First College Course

Of the 2020 graduates attending a Maricopa Community College, 61% enrolled in an English course within their first year. Fifty-nine percent of the graduates enrolled in a college level English course and two percent enrolled in a pre-freshman (developmental) English course.

Sixty-four percent of the graduates attending a Maricopa Community College, in the first year following graduation, enrolled in a math course. Forty-seven percent of the graduates enrolled in a college level math course, 12% enrolled in an intermediate level math course, and five percent of the graduates enrolled in a pre-intermediate (developmental) algebra course.

Student Performance

The average first-term GPA of students was 2.51 which was lower by 0.01 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.

2020 Average Grade Point Average In First Level Class

Pre-Freshman English	2.35
Freshman English	2.92
Other English	3.06
Pre-Intermediate Algebra	2.62
Intermediate Algebra	2.26
College Algebra	2.62
Calculus	2.75
Other College Math	2.61

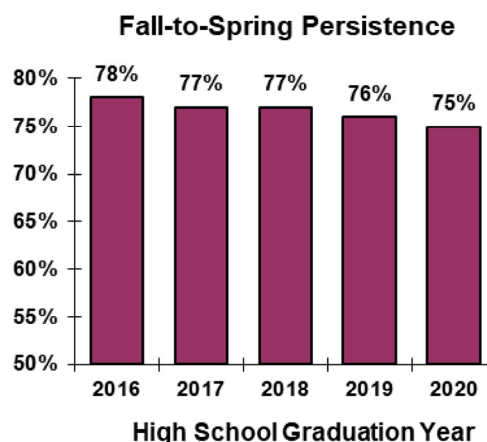
See page 4 for course category definitions.

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

2020 Percent with Grade '2.0' or Higher

	<u>%</u>
Pre-Freshman English	78
Freshman English	87
Other English	87
Pre-Intermediate Algebra	81
Intermediate Algebra	72
College Algebra	82
Calculus	85
Other College Math	82

The percent of the high school graduates enrolled in Fall 2020 who continued to the Spring 2021 semester at the same college was 75%, which was one percentage point lower 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: **2020**

Report Year: **2021**

Summary Characteristics			
Number of High School Students Enrolled at Community College	12,166	First Term Average GPA All Arizona H.S.	2.51
Percent Who Are American Indian Asian Black Hispanic Female	 2 % 4 % 6 % 42 % 55 %	Fall Enrollments Continuing in Spring All Arizona H.S.	75 %

FIRST English Course	PFE	FE	AE	OE	FIRST Math Course	PIA	IA	CA	C	OCM
Number Enrolled All Arizona H.S.	298	6,893	0	258	Number Enrolled All Arizona H.S.	557	1,482	2,313	526	2,913
Percent Enrolled All Arizona H.S.	2	57	0	2	Percent Enrolled All Arizona H.S.	5	12	19	4	24
Average Grade All Arizona H.S.	2.35	2.92	0.00	3.06	Average Grade All Arizona H.S.	2.62	2.26	2.62	2.75	2.61
Percent with a Grade of 2.0 or Higher All Arizona H.S.	78	87	0	87	Percent with a Grade of 2.0 or Higher All Arizona H.S.	81	72	82	85	82
<div style="display: flex; justify-content: space-between;"> <div> PFE = Pre-Freshman English FE = Freshman English AE = Advanced English OE = Other English </div> <div> PIA = Pre-Intermediate Algebra IA = Intermediate Algebra CA = College Algebra C = Calculus OCM = Other College Math </div> </div>										

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 2019-2020 graduates were enrolled in Maricopa Community College District

HIGH SCHOOL GRADUATES: 2020 PERFORMANCE AS COLLEGE FRESHMEN: 2021

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>. Submit questions to: analytics.maricopa@domail.maricopa.edu.

Summary Characteristics			
The Summary Characteristics reports the overall enrollment, academic performance, and persistence of your 2020 graduates compared to other Arizona 2020 high school graduates.			
Number of High School Students Enrolled at Community College	This is the total number of your graduates who enrolled in the summer, fall, or spring terms.	First Term Average GPA	This is the first term grade point average of your graduates compared to all Arizona 2020 high school graduates enrolled.
Percent Who Are	This is the distribution of your graduates who enrolled in the summer, fall, or spring terms by gender and ethnicity.	Fall Enrollments Continuing in Spring	This is the percent of 2020 high school graduates enrolled in Fall 2020 who continue to the Spring 2021 semester.

First English Course - Includes information on the academic performance of 2020 high school graduates in the first English course taken at MCCCD compared to all Arizona 2020 high school graduates. PFE Pre-Freshman English ENG071, 081, 091 – Preparatory Academic Writing ENG100AA-AE – Amer-Eng Spelling System - Composition Skills WAC101 – Writing Across the Curriculum FE Freshman English ENG101, 102 – First-Year Composition ENG101LL – First-Year Composition Lab ENG107, 108 – First-Year Composition for ESL ENG107LL – First-Year Composition Lab for ESL AE Advanced English – No MCCCD courses are classified as Advanced English OE Other English – Other English courses numbered at or above ENG100 that are not included in other categories listed above. Please consider the First English Course and First Math Course changes, that are listed in <i>italics</i> , when comparing data to prior years.		First Math Course - Includes information on the academic performance of 2020 high school graduates in the first Math course taken at MCCCD compared to all Arizona 2020 high school graduates. PIA Pre-Intermediate Algebra – Any math course numbered <i>below MAT114</i> IA Intermediate Algebra MAT114, 115 – College Algebra Prep MAT120, 121, 122 – Intermediate Algebra MAT126 – Intermediate Algebra with Review CA College Algebra MAT150, 151, 152 – College Algebra/Functions MAT155, 156 – College Algebra/Functions w/Review C Calculus MAT212, 213 – Brief Calculus MAT217, 218 – Math Analysis for Business MAT220, 221 – Calculus with Analytic Geometry I MAT230, 231 – Calculus with Analytic Geometry II MAT240, 241 – Calculus with Analytic Geometry III OCM Other College Math – Other math courses numbered <i>above MAT126</i> that are not included in other categories listed above.	
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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.
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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.
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