



# Academic Performance of 2010 Arizona High School Graduates

## “2040” Report for 2011

### Overview

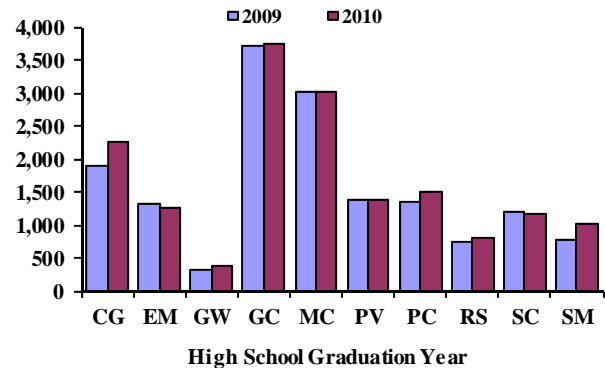
The Maricopa Community Colleges, as well as all other community colleges and universities in Arizona, provide an annual report to the state legislature on the academic performance of recent Arizona high school graduates during their first year of higher education. The detailed report is provided to each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

This year all but two colleges (Estrella Mountain and Scottsdale) experienced an increase in the number of recent high school graduates attending their college as illustrated in the graph below.

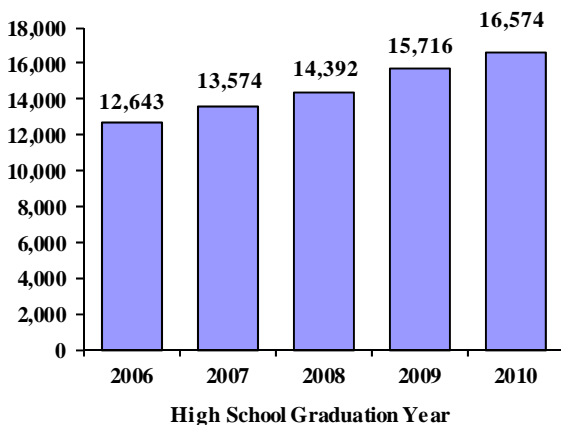
### Recent High School Graduates

More than 16,000 recent high school graduates chose to attend a Maricopa County Community College in the year following their graduation. Overall, the number of new high school students enrolled increased by 5.5% from the prior year.

Arizona High School Graduates Attending a Maricopa Community College



Arizona High School Graduates Attending a Maricopa Community College



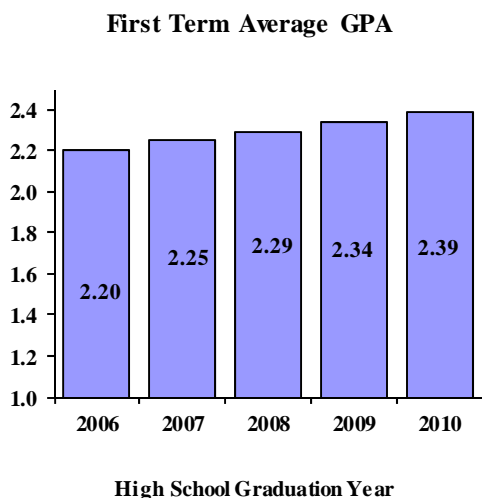
### Student’s First College Course

Of the 2010 graduates attending a Maricopa Community College, 68% enrolled in an English course within their first year. Of those, 56% were enrolled in college level English. Twelve percent of the graduates took pre-freshman (developmental) English.

Seventy-one percent of the graduates attending a Maricopa Community College enrolled in a math course within their first year. Of those, 27% were enrolled in a college level course. Twenty-one percent enrolled in an intermediate level math course. Twenty-three percent of the graduates enrolled in a pre-intermediate (developmental) algebra course.

### Student Performance

The average first-term GPA of students increased to 2.39 from 2.34 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.

#### 2010 Average Grade Point Average In First Level Class

Pre-Freshman English	2.09
Freshman English	2.61
Other English	2.73
Pre-Intermediate Algebra	1.96
Intermediate Algebra	2.09
College Algebra	2.37
Calculus	2.51
Other College Math	2.60

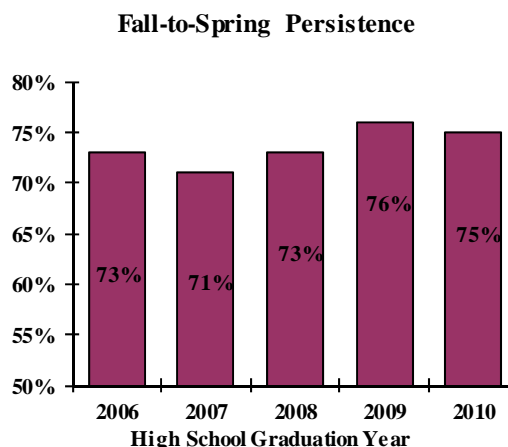
See page 4 for course category definitions.

The percent of grade '2.0' or higher are listed below by course category.

#### 2010 Percent of Grade '2.0' or Higher

	%
Pre-Freshman English	71
Freshman English	83
Other English	81
Pre-Intermediate Algebra	65
Intermediate Algebra	71
College Algebra	79
Calculus	83
Other College Math	83

The percent of the high school graduates enrolled in fall 2010 who continued to the spring 2011 semester at the same college decreased to 75% from 76% 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: **2010**

Report Year: **2011**

Summary Characteristics			
<b>Number of High School Students Enrolled at Community College</b>	16,574	<b>First Term Average GPA</b>  All Arizona H.S.	2.39
<b>Percent Who Are</b>		<b>Fall Enrollments Continuing in Spring</b>  All Arizona H.S.	75 %
American Indian	3 %		
Asian	3 %		
Black	8 %		
Hispanic	29 %		
Female	52 %		

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.	1,973	8,612	0	680	All Arizona H.S.	3,773	3,525	1,506	828	2,152
<b>Percent Enrolled</b>					<b>Percent Enrolled</b>					
All Arizona H.S.	12	52	0	4	All Arizona H.S.	23	21	9	5	13
<b>Average Grade</b>					<b>Average Grade</b>					
All Arizona H.S.	2.09	2.61	0.00	2.73	All Arizona H.S.	1.96	2.09	2.37	2.51	2.60
<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.	71	83	0	81	All Arizona H.S.	65	71	79	83	83

PFE = Pre-Freshman English  
FE = Freshman English  
AE = Advanced English  
OE = Other English

PIA = Pre-Intermediate Algebra  
IA = Intermediate Algebra  
CA = College Algebra  
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 2009-2010 graduates were enrolled in Maricopa Community College District

## HIGH SCHOOL GRADUATES: 2010 PERFORMANCE AS COLLEGE FRESHMEN: 2011

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 [http://www.maricopa.edu/business/ir/2040\\_reports.php](http://www.maricopa.edu/business/ir/2040_reports.php). Contact Cindy Almdarez at 480-731-8695 with questions.

<b>Summary Characteristics</b>			
The Summary Characteristics reports the overall enrollment, academic performance, and persistence of your 2010 graduates compared to other Arizona 2010 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 2010 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 2010 high school graduates enrolled in fall 2010 who continue to the spring 2011 semester.

<p><b>First English Course</b> - Includes information on the academic performance of 2010 high school graduates in the first English course taken at MCCCD compared to all Arizona 2010 high school graduates.</p> <p><b>PFE Pre-Freshman English</b>            ENG071 – Language Skills            ENG081 – Basic Writing Skills            ENG091 – Fundamentals of Writing</p> <p><b>FE Freshman English</b>            ENG101, <i>ENG102</i> – First Year Composition  <i>ENG107, ENG108</i> – First Year Composition 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</p> <p><b>NOTE:</b> In 2007 the italicized English and Math courses were re-categorized into different levels. Please consider these changes when comparing data to prior years.</p>	<p><b>First Math Course</b> - Includes information on the academic performance of 2010 high school graduates in the first Math course taken at MCCCD compared to all Arizona 2010 high school graduates.</p> <p><b>PIA Pre-Intermediate Algebra</b> – Any math course numbered below MAT100 except <i>MAT065</i> and <i>MAT066</i></p> <p><b>IA Intermediate Algebra</b> – MAT120, MAT121, MAT122 – Intermediate Algebra  <i>MAT126</i> – Problem Solving</p> <p><b>CA College Algebra</b>            MAT150, MAT151, MAT152 – College Algebra  <i>MAT225</i> – Elementary Linear Algebra</p> <p><b>C Calculus</b> – MAT212, <i>MAT213</i> – Brief Calculus  <i>MAT220, MAT221</i> – Calculus with Analytic Geometry  <i>MAT230, MAT231</i> – Calculus with Analytic Geometry II  <i>MAT240, MAT241</i> – Calculus with Analytic Geometry III  <i>MAT251</i> – Calculus for Life Science</p> <p><b>OCM Other College Math</b> – Other math courses numbered at or above MAT100 that are not included in other categories listed above</p>
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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.

**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	Linda Shaw	480-732-7307	Paradise Valley	Stella Napoles	602-787-7029
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GateWay	Brenda Starck	602-286-8060	Rio Salado	Ruby Miller	480-517-8152
Glendale	Angela Acuna	623-845-3307	Scottsdale	Fran Watkins	480-423-6133
Mesa	Laurel Redman	480-461-7479	South Mountain	Della Garcia	602-243-8124