



# Academic Performance of 2006 Arizona High School Graduates

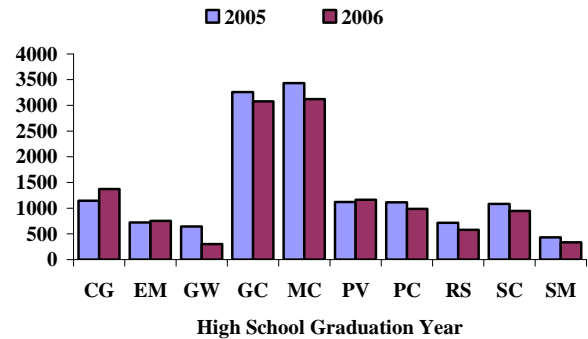
## “2040” Report for 2007

### 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. This detailed report is an accountability tool, intended to help Arizona high schools monitor their students’ post-secondary success. Statistics are provided about each high school’s most recent graduating class, including the group’s average first term GPA, success in first English and math course, and fall-to-spring persistence.

Seven colleges experienced a decrease in the number of high school graduates attending the colleges while the remaining three colleges increased as illustrated in the graph which follows.

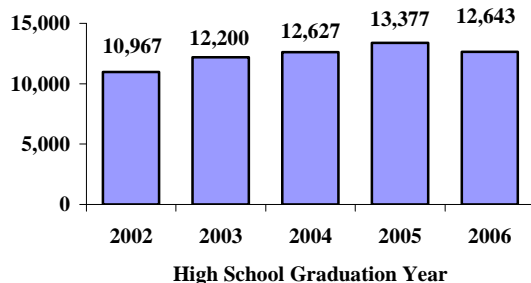
Arizona High School Graduates Attending a Maricopa Community College



### Recent High School Graduates

More than 12,000 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 decreased by 5.5% from the prior year.

Arizona High School Graduates Attending a Maricopa Community College



### Student’s First College Course

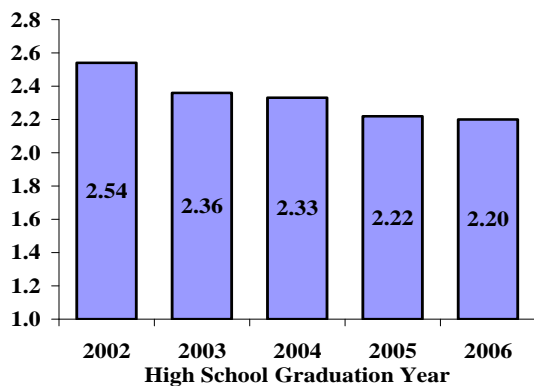
Of the 2006 graduates, 73% enrolled in an English course. Of those, 58% were enrolled in college level English. A smaller percentage, 15%, of the graduates took pre-freshman (developmental) English.

Sixty-eight percent of the graduates enrolled in a math course. Of those, 27% were enrolled in a college level course. A smaller percentage, 19%, enrolled in an intermediate level math course. Twenty-three percent of the new high school graduates enrolled in a pre-intermediate (developmental) algebra course.

### Student Performance

The average first-term GPA of students dropped slightly to 2.20 from 2.22 last year.

**First Term Average GPA**



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.

**2006 Average Grades**

|                      |      |                          |      |
|----------------------|------|--------------------------|------|
| Pre-Freshman English | 2.29 | Pre-Intermediate Algebra | 2.05 |
| Freshman English     | 2.68 | Intermediate Algebra     | 2.16 |
| Advanced English     | N/A  | College Algebra          | 2.26 |
| Other English        | 3.01 | Calculus                 | 2.52 |
|                      |      | Other College Math       | 2.49 |

Several English and math courses have changed from prior year's categories as listed on the last page of this report containing definitions. A comparison to prior year's data by course is no longer possible.

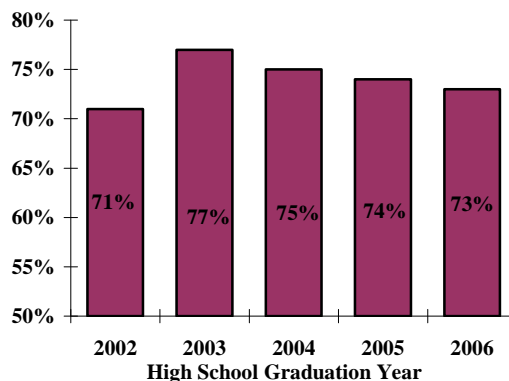
The students in English courses earned better grades than the students in the math courses. The percent of 'C' or higher results are listed below by course.

**2006 Percent of 'C' or Higher**

|                      | %   |                          | %  |
|----------------------|-----|--------------------------|----|
| Pre-Freshman English | 78  | Pre-Intermediate Algebra | 69 |
| Freshman English     | 86  | Intermediate Algebra     | 70 |
| Advanced English     | N/A | College Algebra          | 73 |
| Other English        | 90  | Calculus                 | 82 |
|                      |     | Other College Math       | 80 |

Fall-to-spring persistence decreased slightly from last year, with 73% of the students persisting to the spring semester at the same college.

**Fall-to-Spring Persistence**



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



## HIGH SCHOOL GRADUATES: 2006 PERFORMANCE AS COLLEGE FRESHMEN: 2007

The 2040 High School Summary is provided to assist you in assessing the overall academic performance and participation of your 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. Report tracks the performance of the 2006 high school graduates who attended MCCCD in 2007. 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 Almendarez at 480-731-8695 with report questions.

### Summary Characteristics

The Summary Characteristics reports the overall enrollment, academic performance, and persistence of your 2006 graduates compared to other Arizona 2006 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 2006 high school graduates enrolled. |
| <b>Percent Who Are</b>  | This is the cultural and gender distribution of your graduates who enrolled in the summer, fall, or spring terms. | <b>Fall Enrollments Continuing in Spring</b> | This is the percent of 2006 high school graduates enrolled in fall 2006 who continue to the spring 2007 semester.         |

**First English Course** - This section includes information on the academic performance of 2006 high school graduates in the first English course taken at MCCCD compared to all Arizona 2006 high school graduates.

- PFE Pre-Freshman English**  
 ENG061 – Basic Writing Skills  
 ENG071 – Fundamentals of Writing  
 ENG091 – Writing and Editing for the Workplace
- FE Freshman English**  
 ENG101, *ENG102* – First Year Composition  
*ENG107, ENG108* – First Year Composition for ESL
- AE Advanced English** – No MCCCD courses are classified as Advanced English
- OE Other English** – Other English courses numbered at or above ENG100

**NOTE:** Several English and Math courses shown in *italics* have changed from prior years categories. Please consider these changes when comparing data to prior years.

**First Math Course** - This section includes information on the academic performance of 2006 high school graduates in the first Math course taken at MCCCD compared to all Arizona 2006 high school graduates.

- PIA Pre-Intermediate Algebra** – Any math course numbered below MAT100 except *MAT065* and *MAT066*
- IA Intermediate Algebra** – MAT120, MAT121, MAT122, *MAT122AA/AB/AC* – Intermediate Algebra  
*MAT126* – Problem Solving
- CA College Algebra**  
 MAT150, MAT151, *MAT151AA/AB/AC/AD*,  
 MAT152 – College Algebra  
*MAT225* – Elementary Linear Algebra
- C Calculus** – MAT212, *MAT213* – Brief Calculus  
*MAT220, MAT221* – Calculus with Analytic Geometry  
*MAT230, MAT231* – Calculus with Analytic Geometry II  
*MAT240, MAT241* – Calculus with Analytic Geometry III  
*MAT251* – Calculus for Life Science
- OCM Other College Math** – Other math courses numbered at or above MAT100 that are not included in other categories listed above

### 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** – This is an average of grades received by your graduates in the first English or math course attempted.

### Percent 'C' or Higher (Your High School/All Arizona High Schools)

This is the percent of your graduates who received a grade of 'C' or higher in the first English or math course attempted.

### College Contacts:

|                   |                      |              |                 |                 |              |
|-------------------|----------------------|--------------|-----------------|-----------------|--------------|
| Chandler-Gilbert  | Irene Pearl          | 480-732-7307 | Paradise Valley | Stella Napoles  | 602-787-7029 |
| Estrella Mountain | Lauren Shellenbarger | 623-935-8808 | Phoenix College | Debbie Kushibab | 602-285-7503 |
| GateWay           | Cathy Gibson         | 602-286-8052 | Rio Salado      | Ruby Miller     | 480-517-8152 |
| Glendale          | Mary Blackwell       | 623-845-3500 | Scottsdale      | Fran Watkins    | 480-423-6133 |
| Mesa              | Barbara Boros        | 480-461-7477 | South Mountain  | Angie Montano   | 602-243-8124 |