

# 45<sup>th</sup> Day Enrollment Report – Comparing Fall 2020-2021

<\\Estrella.emc\Groups\OPIE\10. Enrollment Management\Enrollment and Demographic Change Reports\45th Day Fall 2021>

State and national data report overall student enrollment, retention, and transfer rate declines among public two-year colleges.

## Enrollment

National data report public two-year institutions enrolled 703,168 fewer students in fall 2020 than in fall 2019, a near 15 percent drop.

Source: National Center for Educational Statistics (<https://nces.ed.gov/ipeds/use-the-data/survey-components>)

Enrollment declines at Arizona's community colleges (-14.5%) mirrors national data.

Source: National Clearinghouse Research Center (<https://nscresearchcenter.org/current-term-enrollment-estimates/>) ([https://nscresearchcenter.org/wp-content/uploads/CTEE\\_Report\\_Fall\\_2020.pdf](https://nscresearchcenter.org/wp-content/uploads/CTEE_Report_Fall_2020.pdf))

Black students had the largest decrease in enrollment rates at public two-year colleges, with 15.5%, followed by 14.9% for Native Hawaiian or other Pacific Islander students and 14.8% for Hispanic students.

Source: The College Board, "College Enrollment and Retention in the Era of COVID" (<https://research.collegeboard.org/pdf/enrollment-retention-covid2020.pdf>)

## Retention

The retention rate at public two-year institutions for full-time students also fell to 60.7 percent compared to 62.7 percent the prior year. The retention rate for part-time community college students dropped to 40.7 percent from 44.7 percent in 2019.

Source: National Center for Educational Statistics (<https://nces.ed.gov/ipeds/use-the-data/survey-components>)

## Transfer

Public two-year colleges also reported low transfer rates. Transfer enrollment at two-year public colleges declined by 21.8% for continuing students. Students who continued school from fall 2020 – to spring 2021 reported larger declines (-11.9%) compared to the same group for spring 2020.

Public two-year school transfer enrollment fell the most compared with other school types – a 16.3% decline – more than double the 8% decrease for spring 2020.

Both community college transfer and non-transfer enrollments dropped double digits regardless of student age, gender, or race and ethnicity, except for adults ages 30 and older.

Source: National Student Clearinghouse Research Center (<https://nscresearchcenter.org/transfer-mobility-and-progress/>)

Maricopa Community College District 45<sup>th</sup> day summary data for EMCC indicate measured percentage changes among particular student demographics. Full-time student enrollment indicate an overall decline. Most pronounced are the percentage changes for categories representing the highest percent of total student headcount.

Categories recording the highest fall 2021 45<sup>th</sup> day student headcount include: 1) eighteen to twenty-four year olds, 2) first-generation students, 3) females, 4) White and Hispanic students, and 5) primary attendance being full-time and during the day. Changes within these categories support evidence indicating student populations' and corresponding dynamic profiles have had primary influence on overall headcount declines.

Overall fall 2021 45<sup>th</sup> day total headcount (n=8,516) indicates a -2.9% change from fall 2020 to 2021. Students identifying as White (n=2,190) represent the highest percent change decline (-8.6%) for fall 2021 45<sup>th</sup> day total student headcount. Over sixty percent (61.6%) of EMCC students identify as female. The 18-24 student age group represent the largest percent of total headcount (56.0%), and 62.7% of students identified as "first-generation" for fall 2021. Students attending full-time (27.5%) represent the highest percent of total student headcount, as a decline in full-time enrollment trends continues. The largest percent change decline (-12.5%) between fall, 2020 and 2021, is for students enrolled full-time.

### **Headcount Enrollment Changes and Course Delivery Modality**

Headcount enrollment by course delivery type (in-person, hybrid, and on-line) provides some evidence of preferred instructional delivery changes between 45<sup>th</sup> day fall 2020 and 2021. Hybrid and in-person delivery show overall positive percent change increases among all student ethnicity categories. Overall percent change decline for on-line course delivery includes all ethnic student categories. Students identifying as Hispanic or Black had the highest percent change increase for both hybrid and in-person course taking. Students identifying as Hispanic or White, enrolled in on-line courses, recorded the highest percent change decline from fall 2020 to 2021.

Leading data represent influential percentage headcount declines within the following categories.

- I. Age: under 18 and *22-24 year-olds*
- II. Ethnicity: *White and Hispanic*
- III. Gender: *Female*
- IV. *First generation*
- V. Academic load: *Full and half time*

- VI. Primary attendance: *Day*
- VII. Student headcount changes and time of attendance
- VIII. Student enrollment and academic course load
- IX. Class subject percent changes
- X. New, former, continuing students

## I. AGE GROUP

The percent change in 45<sup>th</sup> day age group headcount for fall 2020 to fall 2021 indicates a notable decrease. A measurable percent change (-8.2%) for the 18-24 year range student age group is recorded. Students within the 18-24 year range represent the highest percent of total student headcount.

### Age

AGE	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
Under 18	1,413	16.5%	1,695	20.0%	20.0%
<b>*18-24</b>	<b>5,188</b>	<b>61.0%</b>	<b>4,765</b>	<b>56.0%</b>	<b>(-8.2%)</b>
25-34	1,417	16.6%	1,334	15.6%	(-5.8%)
35-54	689	8.0%	657	7.7%	(-4.6%)
55+	61	0.7%	65	0.7%	6.5%

\*highest percent of total student headcount

## II. ETHNICITY

Student ethnic group headcount comparisons between fall 45<sup>th</sup> day 2020 and 2021 are telling. The negative percent change in White and Hispanic student headcount (-8.6%) and (-1.5%) respectively, holds a level of significance in relation to overall percent of total student representation. Although the decrease in percent change for American Indian students (-2.1%) and non-specified students (-15.4%) headcounts are notable, their numbers are measurably lower than either Hispanic or White enrollment headcounts.

### Ethnicity

Ethnicity	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
<b>*Hispanic</b>	<b>4,840</b>	<b>56.8%</b>	<b>4,767</b>	<b>56.0%</b>	<b>(-1.5%)</b>
<b>White</b>	<b>2,396</b>	<b>28.1%</b>	<b>2,190</b>	<b>25.7%</b>	<b>(-8.6%)</b>

\*highest percent of total student headcount

### III. GENDER

Female students represent the highest percent of total student headcount. There is a measurable percent decrease change in overall headcount for females (-4.7%) between 45<sup>th</sup> day fall 2020 and 2021, compared to a slight percent increase change 1.5% for male student headcount over the same period.

#### Gender

Gender	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
*Female	5,509	64.6%	5,249	61.6%	(-4.7%)

\*highest percent of total student headcount

### IV. FIRST GENERATION

Students identified as first generation represent the largest percent of total student headcount. Between fall 45<sup>th</sup> day 2020 and 2021, this population recorded a (-5.5%) change decrease. Students identified as non-first generation reported a percent change increase of 2.0%. This nearly 6% decline for first-generation students may serve as an influential determinate for this EMCC population.

#### First Generation

First Generation	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
*First Gen.	5,663	66.4%	5,348	62.7%	(-5.5%)

\*highest percent of total student headcount

### V. ACADEMIC LOAD

Students taking full time and half time academic loads indicated the largest negative change between 45<sup>th</sup> day fall 2020 and 2021. Full-time student enrollment represents the highest percent of student headcount. The percent change in headcount decreased -12.5% for full-time student enrollment and -2.4% for students taking a half time academic load. Students taking a three-quarter academic load also indicated a percent change decrease of -1.9%.

#### Academic Load

Academic Load	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
*Full-time	2,681	30.6%	2,346	27.5%	(-12.5%)
1/2 time	2,001	22.8%	1,954	22.9%	(-2.4%)

\*highest percent of total student headcount

## VI. PRIMARY TIME OF ATTENDANCE

Attendance during the day represents the highest percent of total student headcount. Students attending class times primarily during the day showed a -4.0% decrease in percent of total headcount change between fall 45<sup>th</sup> day 2021 and 2021. Class time attendance during the evening, over the same period; indicate a 29.0% measured percent change increase in headcount.

### Primary Time of Attendance

Attendance Time	Fall 2020		Fall 2021		
Category	Headcount	% Change	Headcount	% Change	
All	8,768	(-13.4%)	8,516	(-2.9%)	
*Day	8,502	(-5.4%)	8,158	(-4.0%)	
Evening	1,307	(-62.8%)	1,686	29.0%	

\*highest percent of total student headcount

## VII. Headcount Enrollment Changes: Time of Attendance

Student populations representing the highest percent of total student headcount provide evidence of time of attendance enrollment changes. Primary daytime attendance for Hispanic students indicate a 45<sup>th</sup> day percent change decrease of -2.8% between fall 2021 and 2021. Evening attendance for identified Hispanic students show a 34% percent change increase over the same period. Percent change headcount differences for White students also represent a daytime decrease of -9.8% and an evening increase of 21.4% between fall 2020 and 2021.

### Student Enrollment and Day/Evening Time of Attendance

Enrollment and Attendance	Fall 2020		Fall 2021		
Category	Headcount	% of Total	Headcount	% of Total	% Change
*All Hispanic	4,840	55.2%	4,767	56.0%	(-1.5%)
All White	2,396	27.3%	2,190	25.7%	(-8.6%)
Day *Hispanic	4,680	55.0%	4,549	55.8%	(-2.8%)
Day White	2,332	27.4%	2,102	25.8%	(-9.8%)
Evening *Hispanic	747	57.2%	1,002	59.4%	34.1%
Evening White	327	25.0%	397	23.5%	21.4%

\*highest percent of total student headcount

### VIII. Headcount Enrollment Changes: Academic Course Load

Student populations representing the highest percent of total student headcount provide evidence of academic load enrollment changes. Hispanic students show a percent change decrease (-11.8%) in full-time enrollment between 45<sup>th</sup> day fall 2020 and 2021. Declines in full-time headcount is also witnessed by White students with a -15.8% percent change over the same period.

#### Student Enrollment and Academic Course Load

Enrollment and Attendance Category	Fall 2020		Fall 2021		% Change
	Headcount	% of Total	Headcount	% of Total	
F.T. *Hispanic	1,514	56.5%	1,335	56.9%	(-11.8%)
F.T. White	699	26.1%	588	25.1%	(-15.8%)
P.T. *Hispanic	3,326	54.6%	3,432	55.6%	3.2%
P.T. White	1,697	27.9%	1,602	26.0%	(-5.6%)

\*highest percent of total student headcount

### IX. Class Subject Percent Changes

Class subject headcount and percent changes between 2020 and 2021 indicate fall 45<sup>th</sup> day declines. Behavioral Science Psychology (-14.8%) and Arts and Composition English (-6.7%) show higher measured declines.

#### Class Subject Percent Changes

Class Subject Category	Fall 2020		Fall 2021	
	Headcount	% of Change	Headcount	% Change
Life Sciences (BIO)	1,867	3.4%	1,873	0.3%
Physical Sciences (CHM)	436	(-4.8%)	422	(-3.2%)
Arts and Composition (ENG)	2,354	(-21.5%)	2,197	(-6.7%)
Mathematics (MAT)	3,354	(-14.7%)	3,277	(-2.3%)
Behavioral Science (PSY)	1,375	(-100%)	1,172	(-14.8%)

## XI. New, Former, Continuing Students

Continuing student 45<sup>th</sup> day headcount results indicate a -15% change. Continuing students also represent the largest percent of overall headcount. New and former students both show positive percent changes.

### New, Former, Continuing

<b>Student</b>	Fall 2020		Fall 2021		
Category	Headcount	Percent	Headcount	Percent	% Change
New	2,758	32%	3,123	37%	13%
Former	1,208	14%	1,315	15%	9%
<b>*Continuing</b>	<b>4,802</b>	<b>55%</b>	<b>4,078</b>	<b>48%</b>	<b>-15%</b>
Total	8,768		8,516		

\*highest percent of total student headcount