



PRESENTATION HANDOUT

An Unexpected Story: the Effect of Housing Locations on Retention

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- Texas A&M University – Corpus Christi



About TAMU-CC

- Located in Corpus Christi, Texas
- Public, 4-year regional, HSI institution that is part of Texas A&M System
- Founded in 1947 and became a regional university in 1993.
- In Fall 2021, served 10,762 students from 48 states and 49 countries.
- 47.9% of our students are Hispanic & 49.9% are first-generation.
- In Fall 2021, we employed 1,676 full and part-time faculty and staff as well as graduate assistants.



TAMU-CC: Now & Then

In 1947, Ward Island becomes home to TAMU-CC, serving 312 students the first year.

1947

In 2019, TAMU-CC established a presence in downtown Corpus Christi.

2019

2007

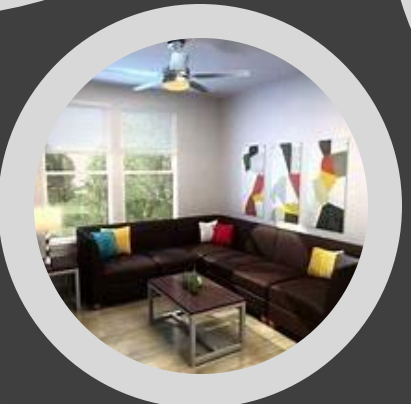
In 2007, the city of Corpus Christi donated 156 acres for the expansion of TAMU-CC.





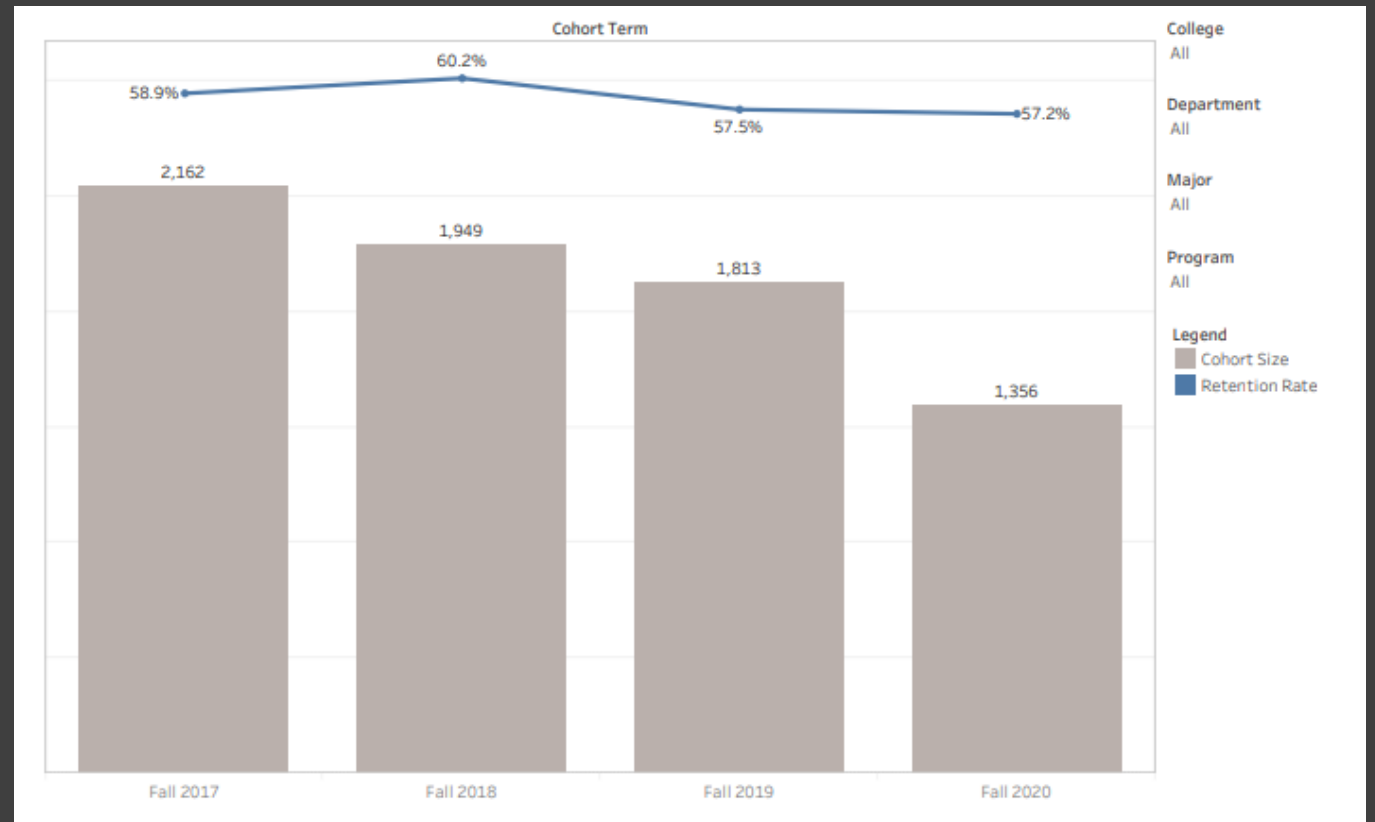
Miramar



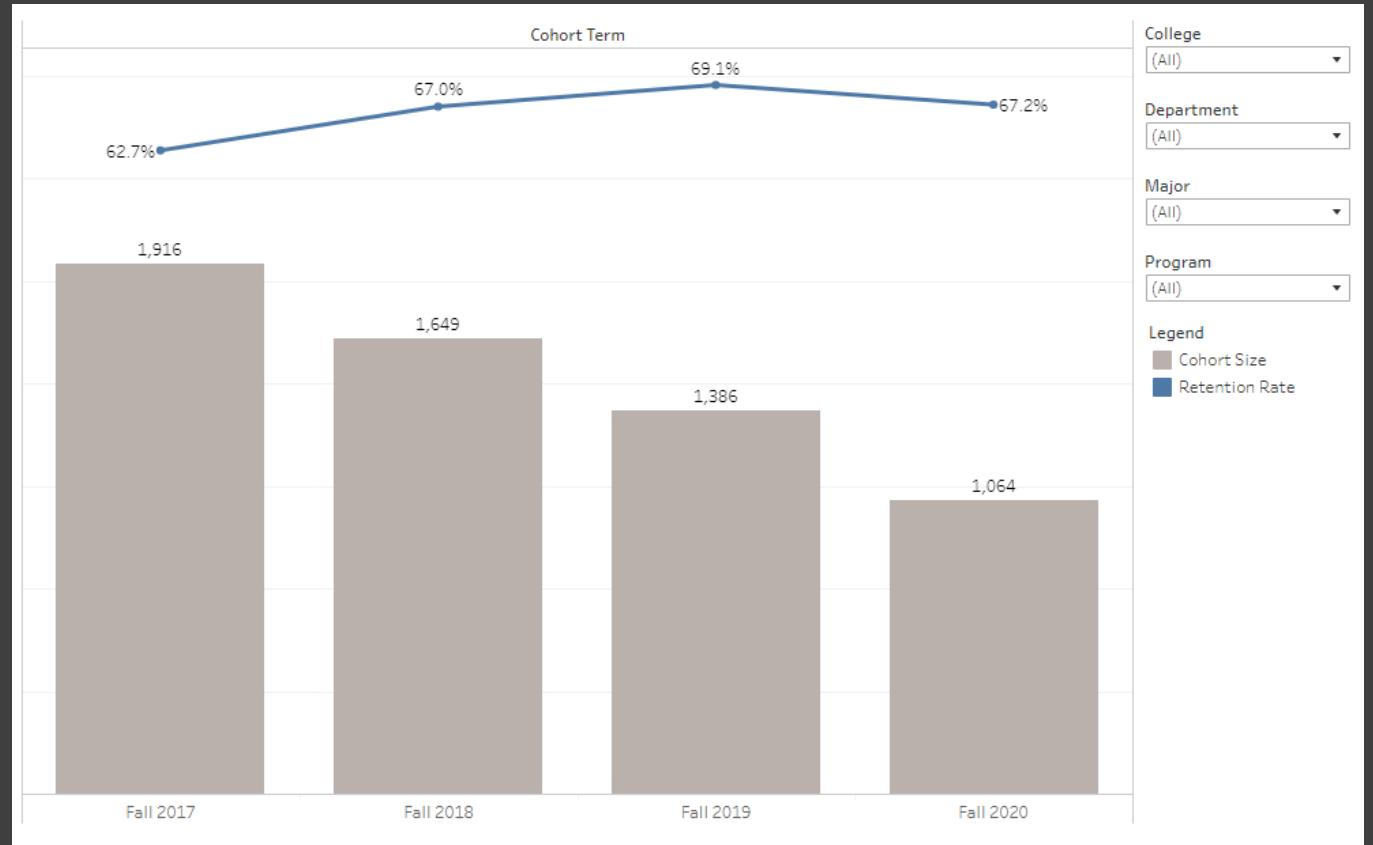


Momentum Village

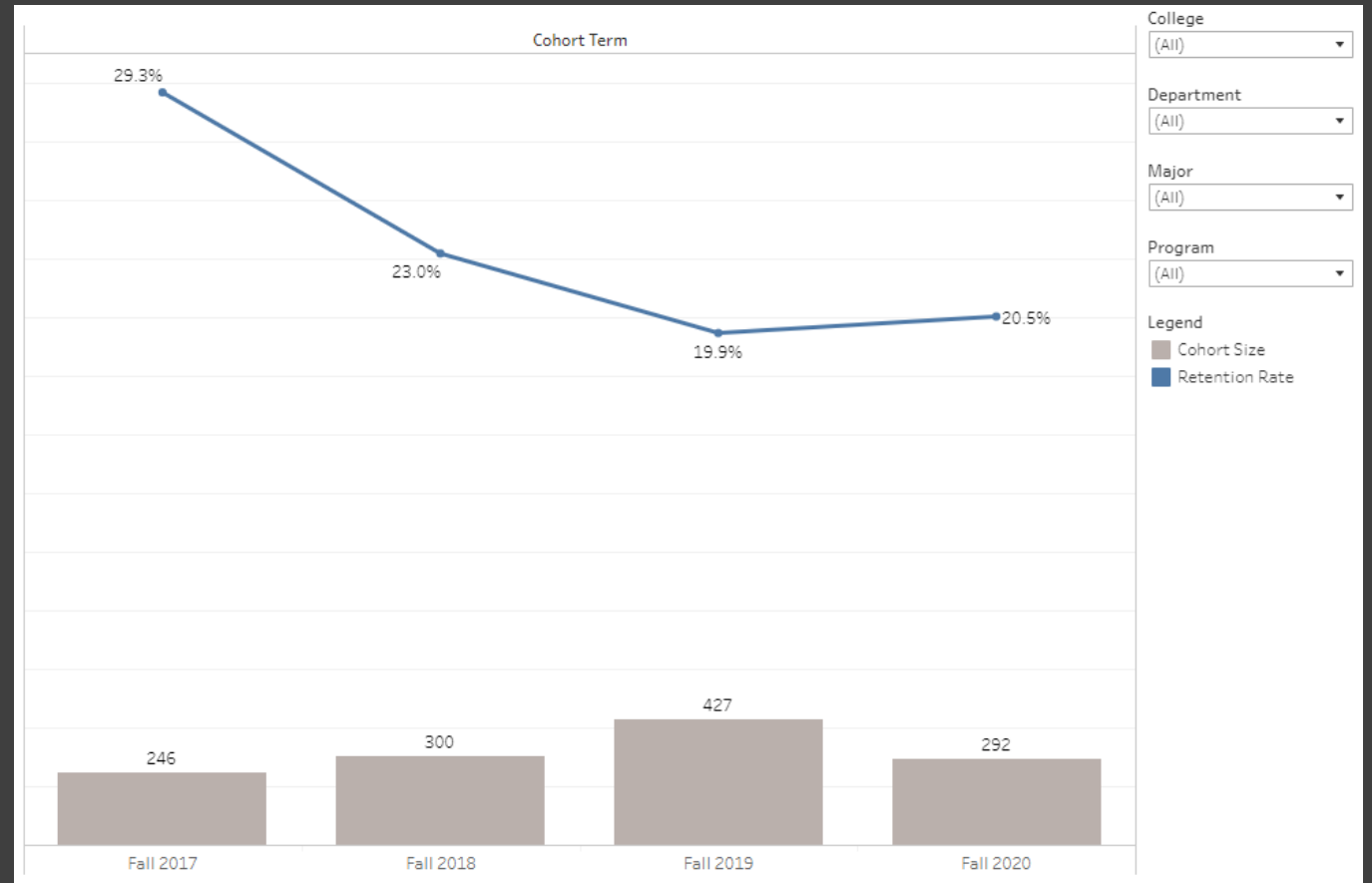
First-Time Full Time Cohort



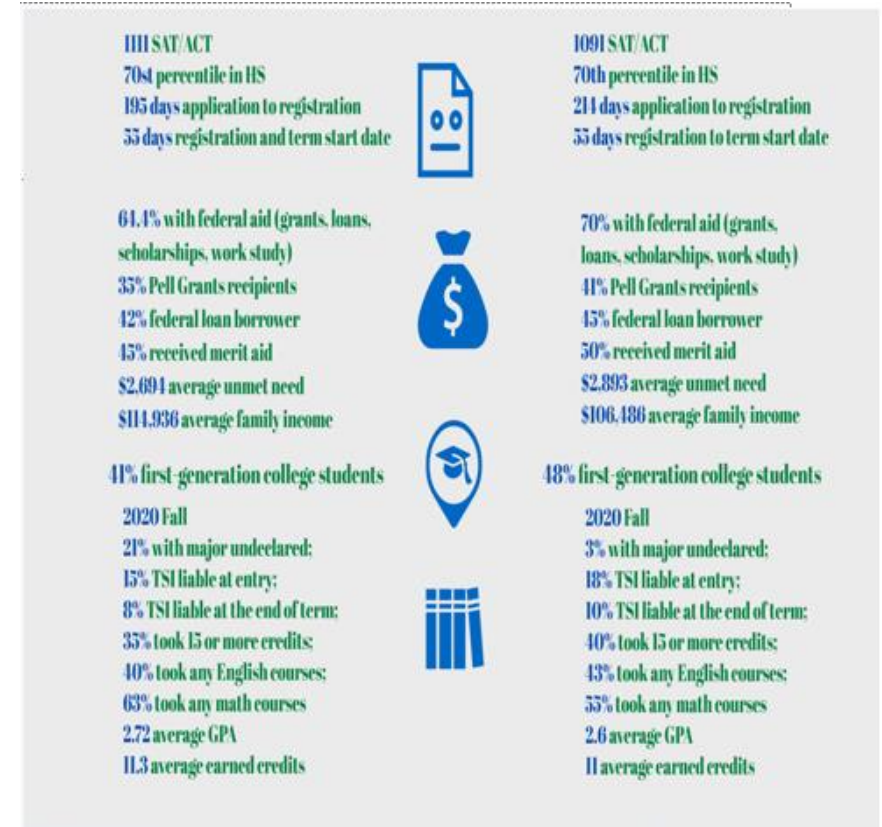
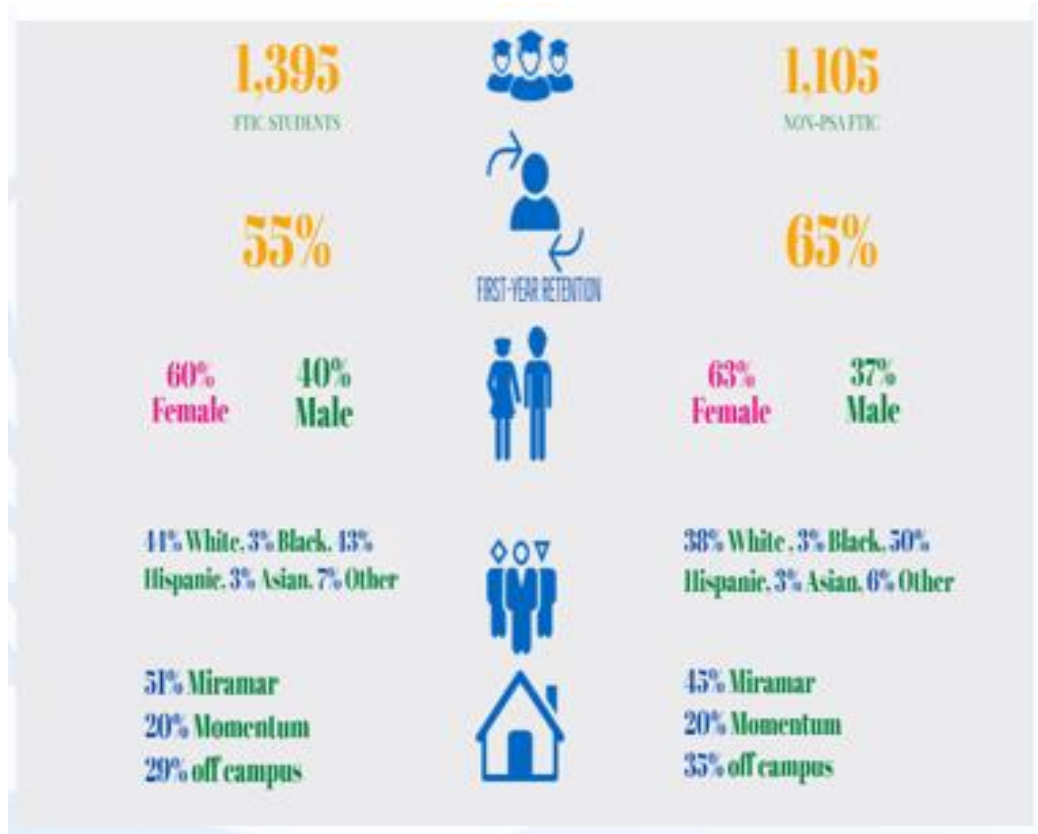
First-Time Full Time Cohort- Excluding PSA Students









First-Time Full Time Cohort- PSA Students




















Cohort Profile-Fall 2020



Cohort Profile-Fall 2016-2021

	2,380	2,224	1,887	1,744	1,395	1,703	
	FTR STUDENTS	FTR STUDENTS	FTR STUDENTS	FTR STUDENTS	FTR STUDENTS	FTR STUDENTS	
	59% Female	57% Female	61% Female	60% Female	60% Female	61% Female	
	White 34%, 35%, 36%, 41%, 44%, 37%	Black 8%, 6%, 5%, 3%, 3%, 3%	Hispanic 49%, 52%, 53%, 47%, 43%, 52%	Asian 2%, 3%, 2%, 3%, 3%, 3%			
	Miramar 51%, 49%, 47%, 55%, 51%, 44%	Momentum 6%, 4%, 16%, 10%, 20%, 24%	Off campus 43%, 46%, 37%, 35%, 29%, 32%				

	SAT/ACT	1053, 1054, 1074, 1108, 1111, 1078	
	HS percentile	63rd, 63rd, 69th, 71st, 70th, 68th	
	Pct. with fed aid	76%, 75%, 77%, 68%, 64%, 76%	
	Pct. Pell	43%, 46%, 44%, 38%, 35%, 43%	
	Pct. with fed loan	56%, 55%, 48%, 45%, 42%, 40%	
	Pct. with merit aid	11%, 11%, 30%, 40%, 45%, 41%	
	Average income	74K, 74K, 82K, 99K, 114K, 98K	
	Average unmet need	4.8K, 5.4k, 5.6k, 2.6k, 2.6k, 1.3K*	
	First Gen	54%, 52%, 50%, 42%, 41%, 45%	
	Pct. major UNDC	15%, 15%, 17%, 26%, 21%, 17%	
	Pct. 15 credits up	15%, 12%, 33%, 31%, 35%, 42%	
	Aug. GPA	2.7, 2.7, 3.0, 2.9, 2.7, 2.5	
	Aug. earned credits	10.4, 10.6, 12.6, 12, 11.3, 11.1	

Background



A data request from the Housing Department.



Off-campus students' first-year retention > on-campus students' first-year retention rate (Contradicts to the Retention Literature)



Factors that may be attributing to the retention rate being lower for on campus students



What can we do about it?

Research Questions



What is the first-year retention rate and progression rate for students with different housing locations?



Do the students in apartment style have lower retention rate than res halls?



What are the factors that may be attributing to the retention rate being lower for on campus students? Is PSA student one of the contributing factor for that?



Who or which areas need intervention?

Data



- ID
- Gender
- Age
- Race/ethnicity
- Class levels
- Retention rate to second fall term
- Progression
- Semester credit hours (first term)

- Housing status (12th day)
- PSA status
- Pell grant recipients
- Unmet need
- First generation college students
- High school percentile
- SAT/ACT score
- First term GPA
- First-term earned credit hours
- Family income

Cohorts: Fall 2016-2020 first-time, full-time, degree-seeking, undergraduate students.

First-year retention rate: The percentage of first-time, full-time, degree seeking undergraduate students being retained to the second fall term.

Progression rates: it is calculated by the proportion of first-time, full-time, degree-seeking freshmen progressed to sophomore, sophomore to junior and junior to senior.

FTIC Full-time Students by Housing Types

Figure 1. All FTIC full-time student by housing status

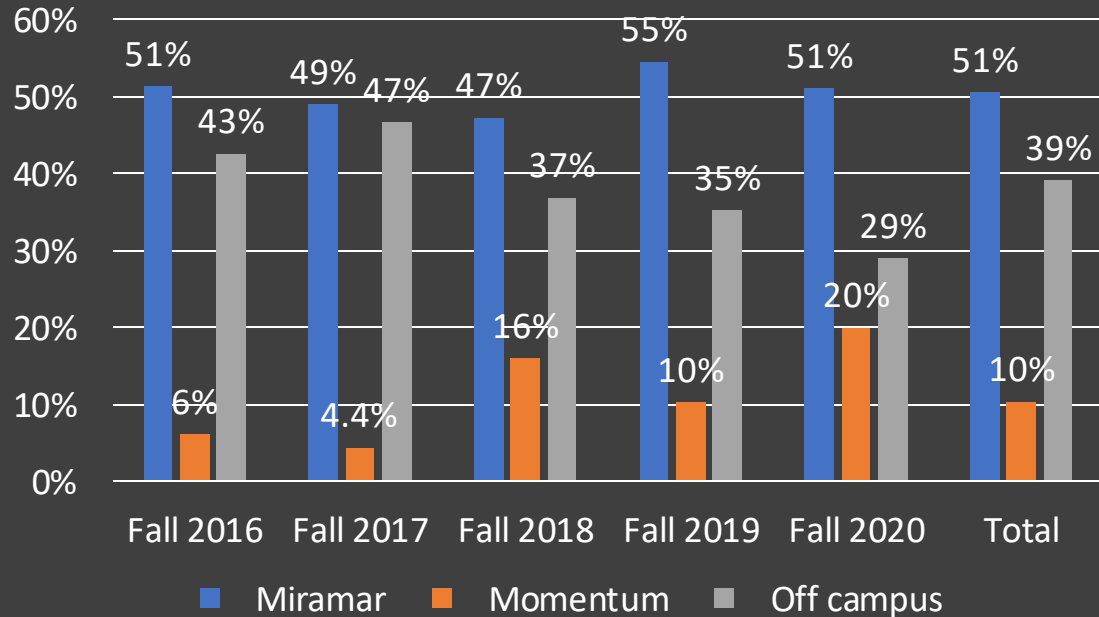
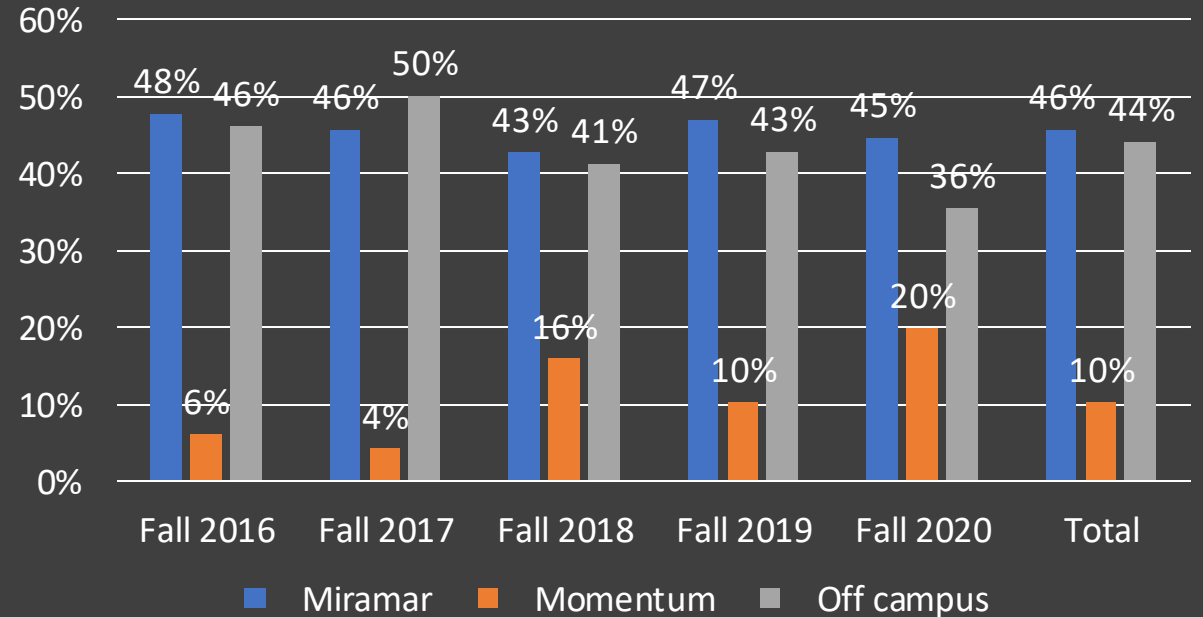


Figure 2. NonPSA full-time student proportions by housing status



Retention Rate by Cohorts

Figure 3. FTIC Full-time Students Retained from Fall 2016-Fall 2020

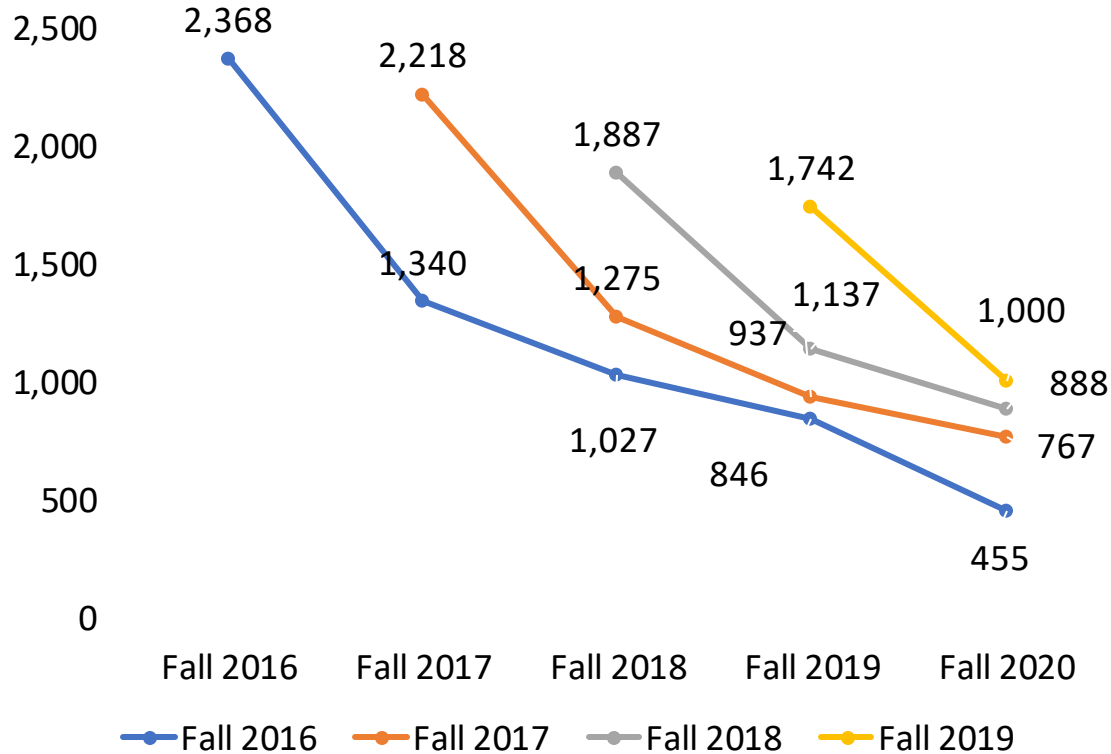
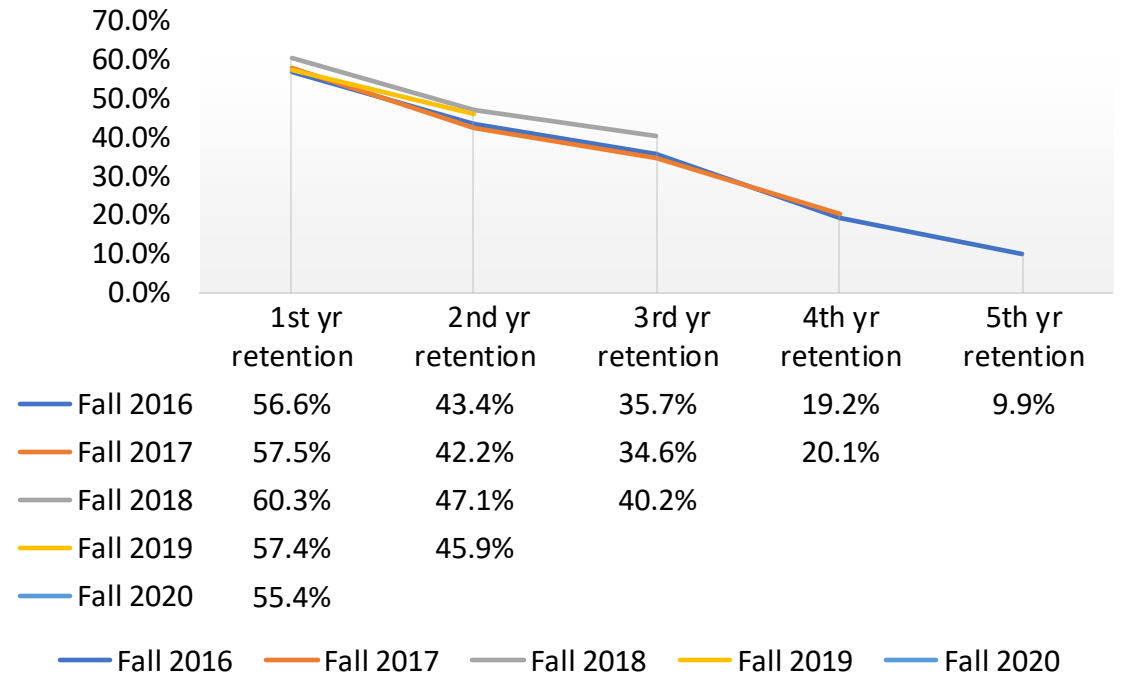


Figure 4. Retention rate for first-time, full-time, degree-seeking undergraduate students enrolled from fall 2016 to fall 2020



Retention Rate by Housing Locations and Years in TAMUCC

Table 1. Retention rate for first-time, full-time, degree-seeking undergraduate students enrolled from fall 2016 to fall 2020

	1st yr retention	2nd yr retention	3rd yr retention	4th yr retention	5th yr retention
Fall 2016	57%	43%	36%	19%	10%
Miramar	56%	43%	36%	19%	7%
Momentum	54%	40%	31%	23%	10%
Off campus	58%	44%	38%	23%	13%
Fall 2017	57%	42%	35%	20%	
Miramar	55%	41%	35%	18%	
Momentum	50%	36%	31%	16%	
Off campus	60%	44%	37%	23%	
Fall 2018	60%	47%	40%		
Miramar	56%	44%	37%		
Momentum	52%	40%	35%		
Off campus	69%	54%	46%		
Fall 2019	57%	46%			
Miramar	50%	40%			
Momentum	49%	34%			
Off campus	71%	58%			
Fall 2020	55%				
Miramar	55%				
Momentum	50%				
Off campus	56%				

Table 2. Retention rate for first-time, full-time, degree-seeking undergraduate students enrolled from fall 2016 to fall 2020

	1st yr retention	2nd yr retention	3rd yr retention	4th yr retention	5th yr retention
Fall 2016	57%	43%	36%	19%	10%
Apartment	55%	44%	37%	22%	7%
Residence halls	56%	46%	38%	20%	7%
Off campus	58%	46%	40%	25%	13%
Fall 2017	57%	42%	35%	20%	
Apartment	55%	42%	36%	18%	
Residence halls	55%	42%	36%	18%	
Off campus	60%	46%	39%	23%	
Fall 2018	60%	47%	40%		
Apartment	52%	40%	35%		
Residence halls	60%	47%	39%		
Off campus	69%	54%	46%		
Fall 2019	57%	46%			
Apartment	52%	40%			
Residence halls	47%	38%			
Off campus	71%	58%			
Fall 2020	55%				
Apartment	54%				
Residence halls	47%				
Off campus	66%				



Progression Rates by Housing Location and Class Levels

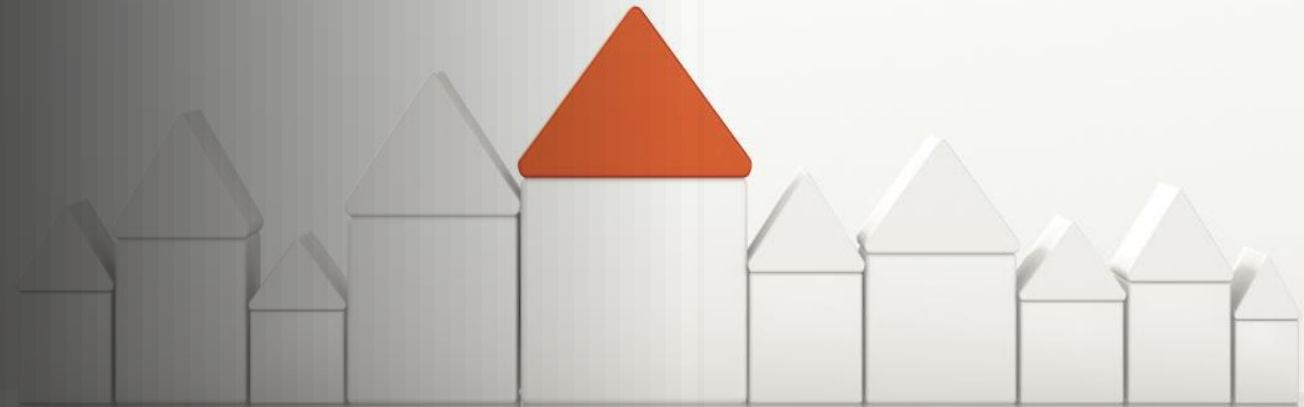


Figure 5. Fall 2016 FTIC Full-time Students Progression Rates by Housing Locations

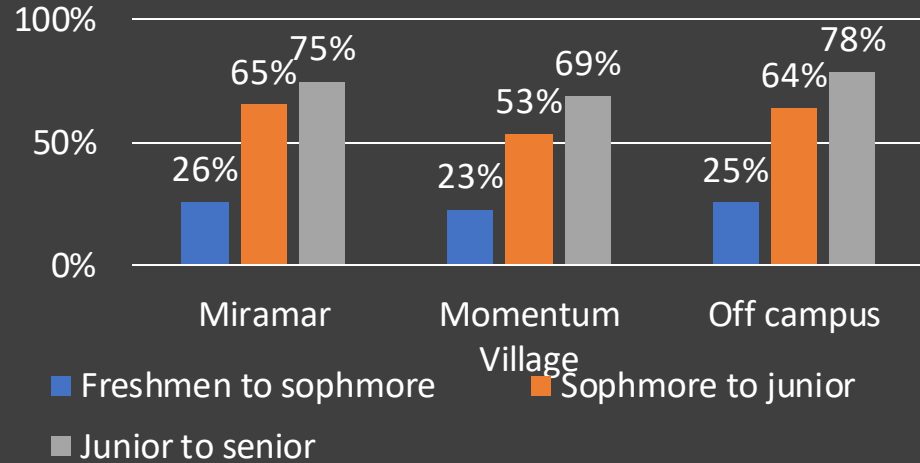


Figure 6. Fall 2016 FTIC Full-time Students Progression Rates by Housing Types

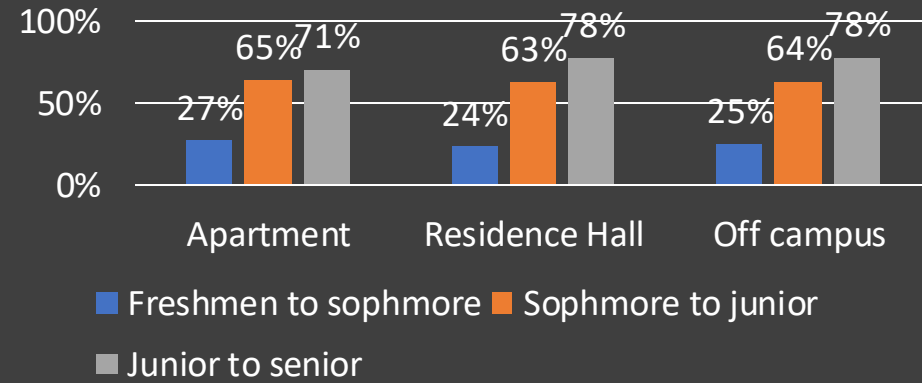


Figure 7. Fall 2017 FTIC Full-time Students Progression Rates by Housing Locations

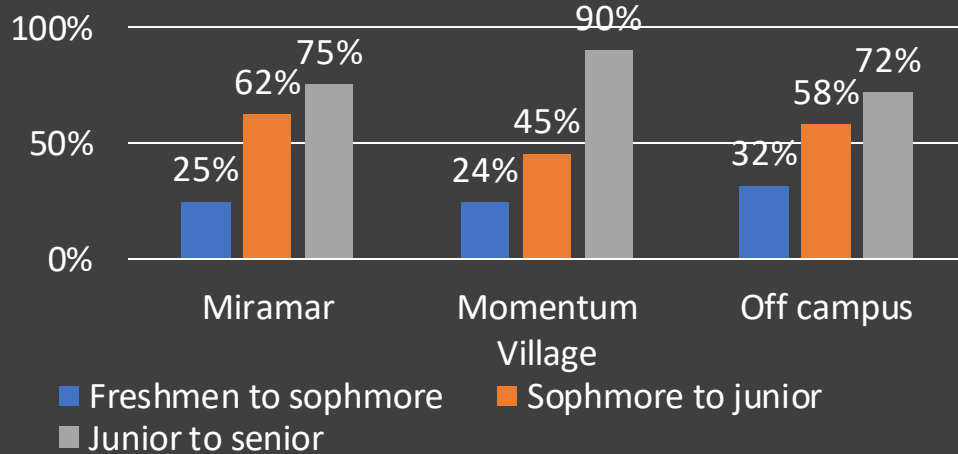


Figure 8. Fall 2017 FTIC Full-time Students Progression Rates by Housing Types

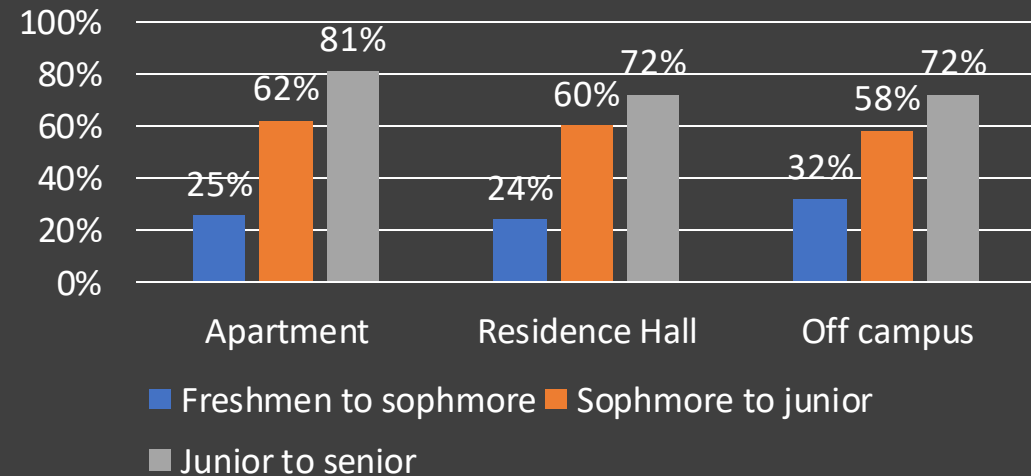


Figure 9. Fall 2018 Figure 6. Fall 2017 FTIC Full-time Students Progression Rates by Housing Locations

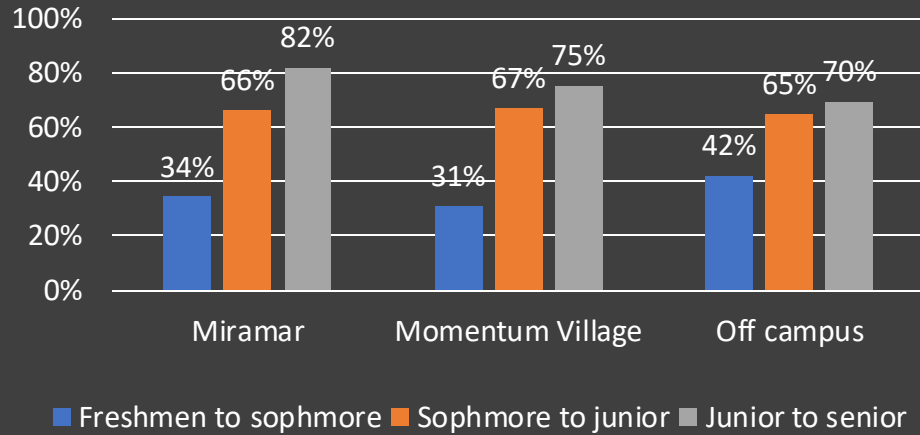


Figure 10. Fall 2018 FTIC Full-time Students Progression Rates by Housing Types

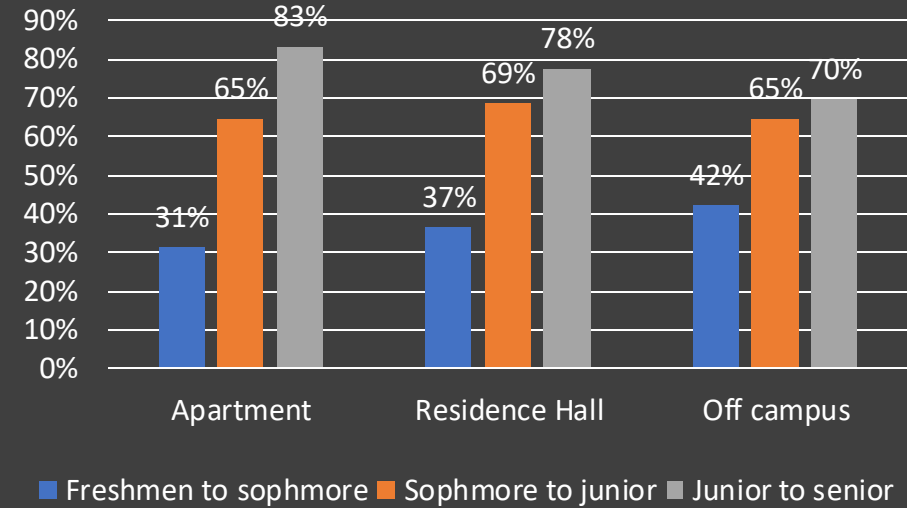


Figure 11. Fall 2019 FTIC Full-time Students Progression Rates by Housing Locations

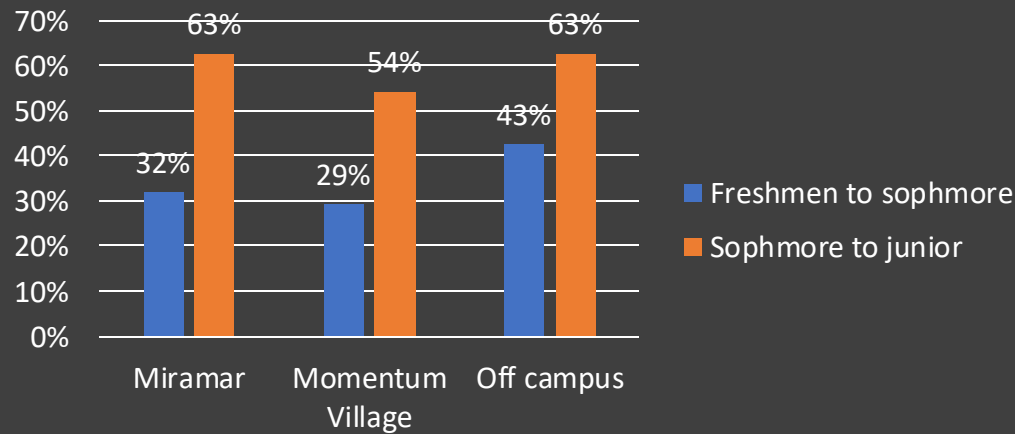
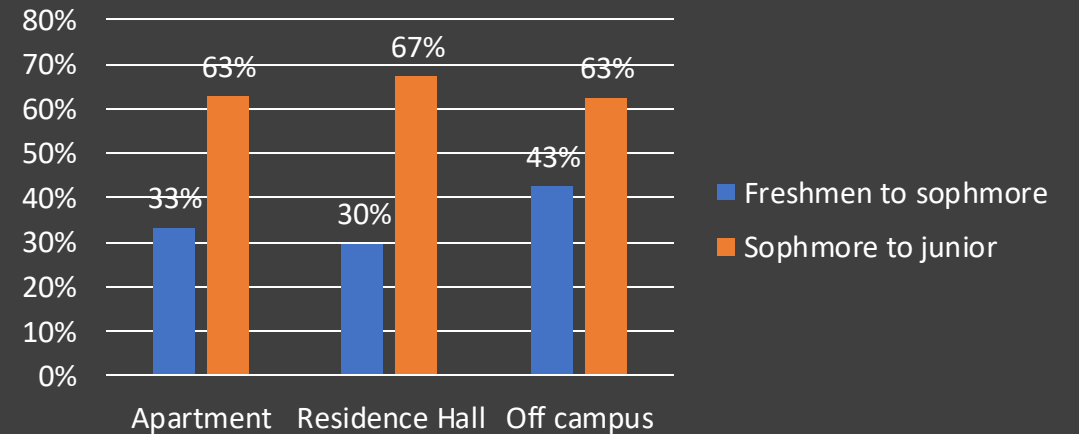



Figure 12. Fall 2019 FTIC Full-time Students Progression Rates by Housing Types

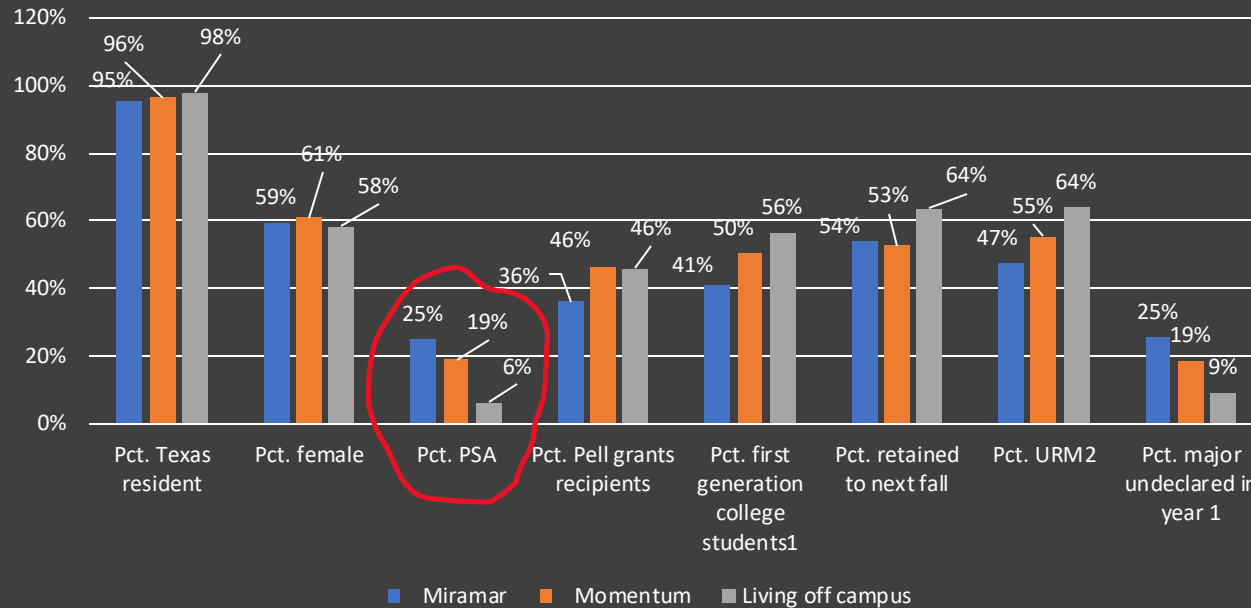




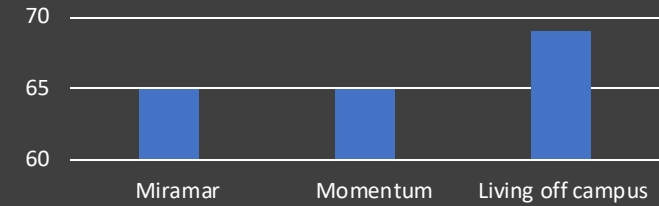
Student's
Background
Characteristics and
Outcomes by
Housing Types

Miramar vs. Momentum vs. Off campus

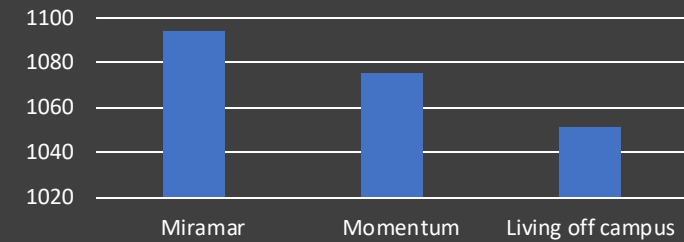
Figure 13. student's enrollment characteristics and outcomes by housing status



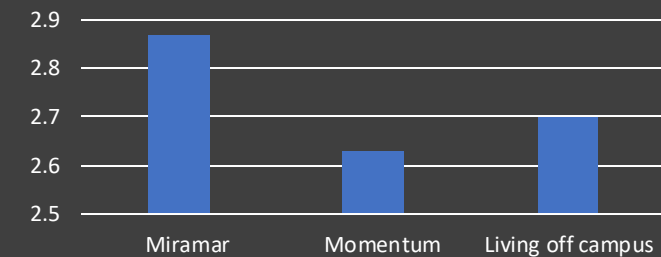
Average high school percentile



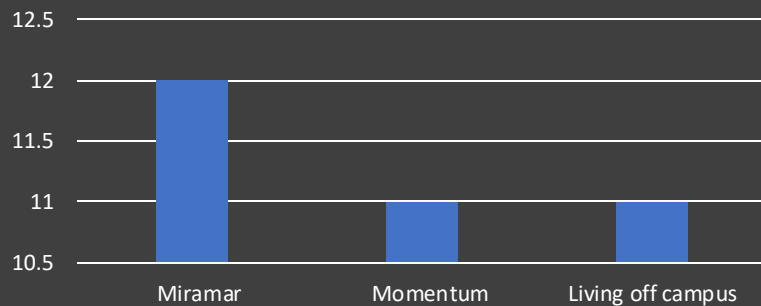
Average SAT score



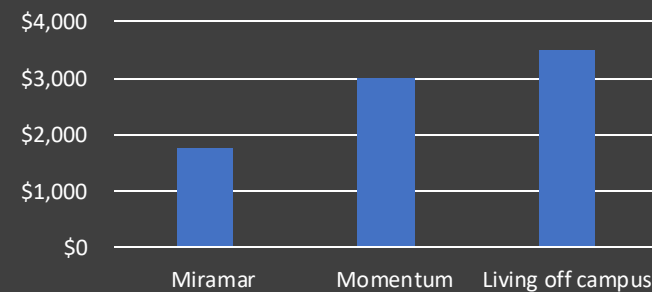
Average first term GPA



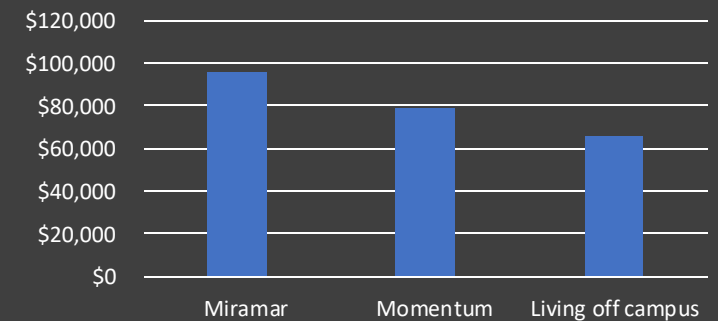
Average first term credits earned



Average unmet need in first year

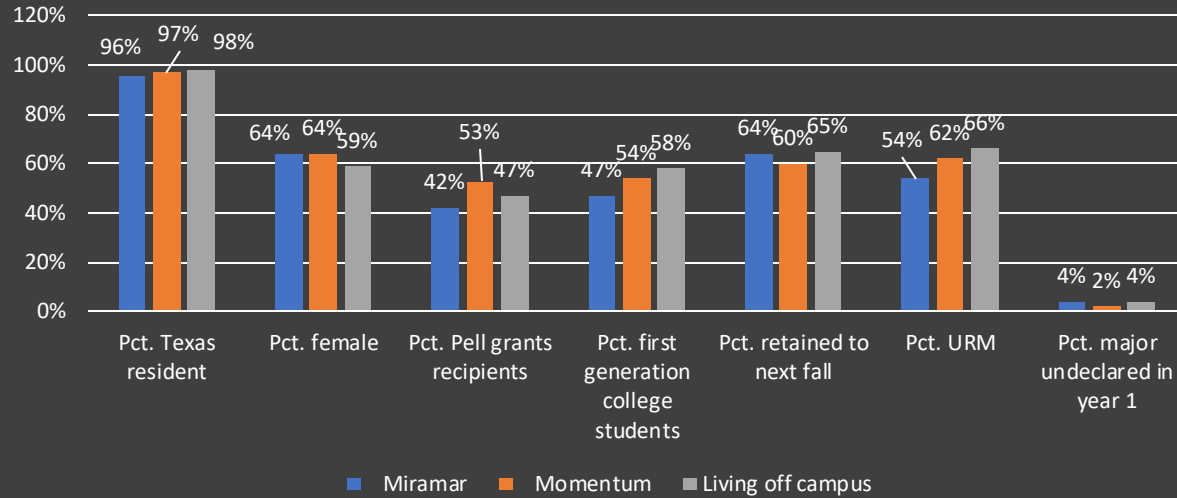


Average family income

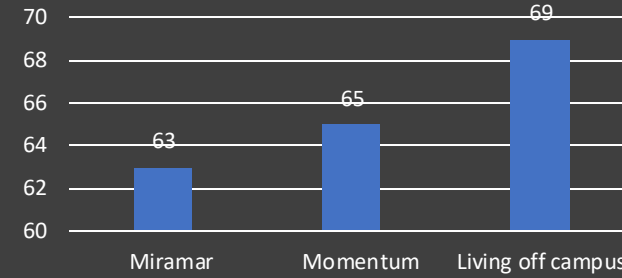


Miramar vs. Momentum vs. Off campus (Non-PSA)

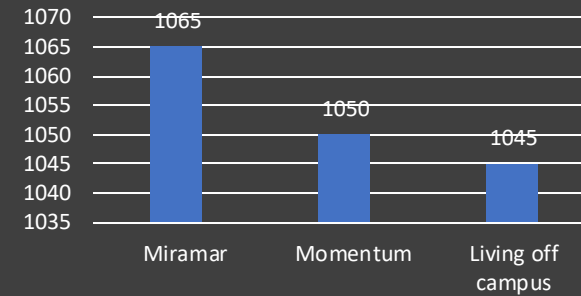
Figure 14. student's enrollment characteristics and outcomes by housing status without PSA students



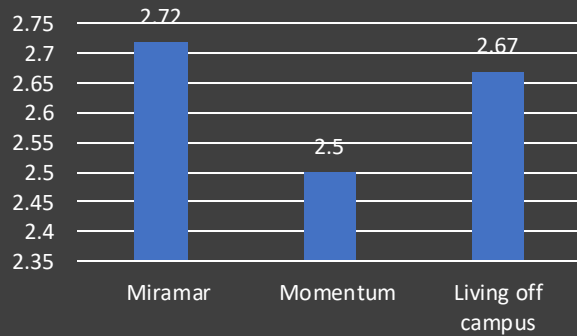
Average high school percentile



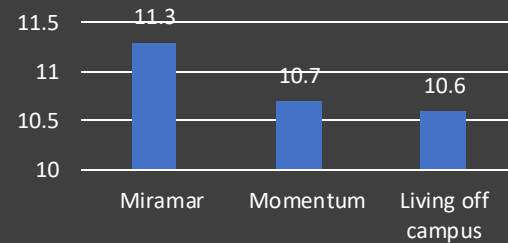
Average SAT score



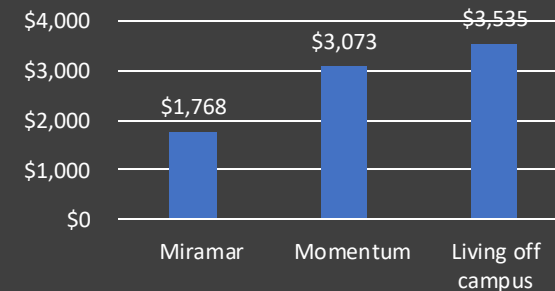
Average first term GPA



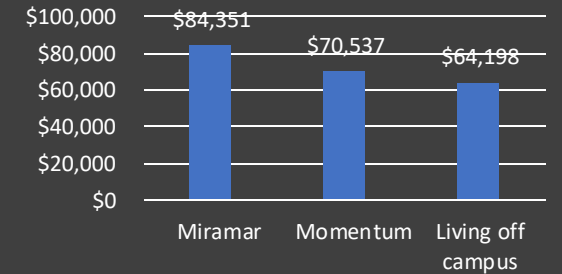
Average first term credits earned



Average unmet need in first year

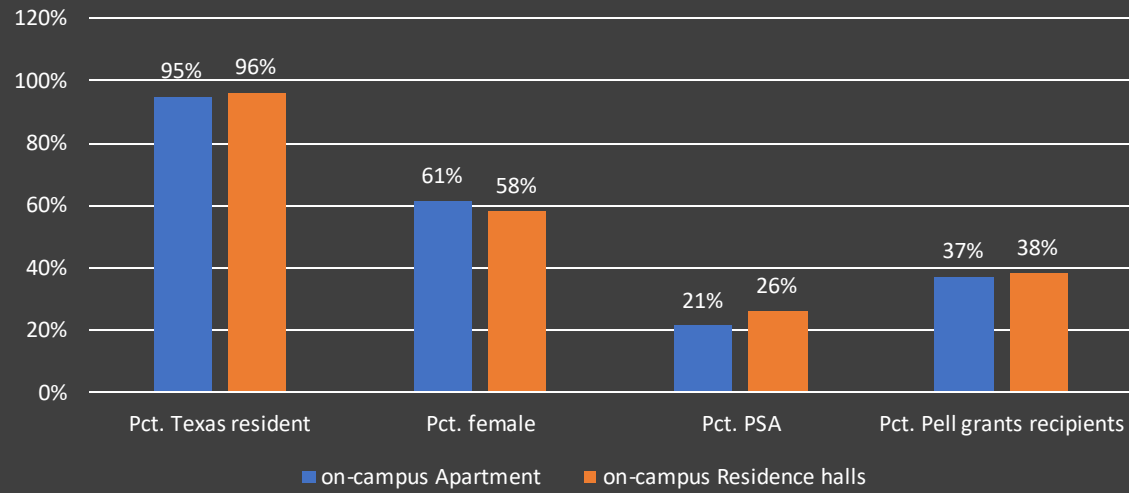


Average family income

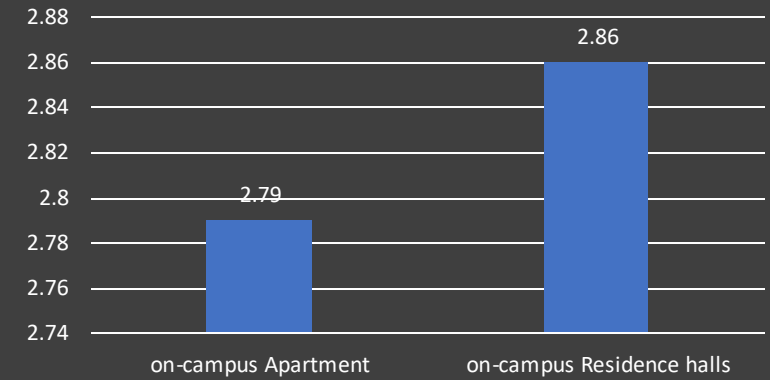


On-campus apartment vs. on-campus residence halls

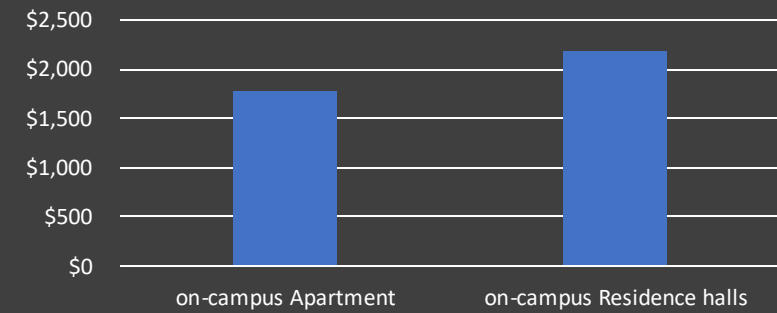
Figure 15. student's enrollment characteristics and outcomes by type of housing on campus



Average first term GPA

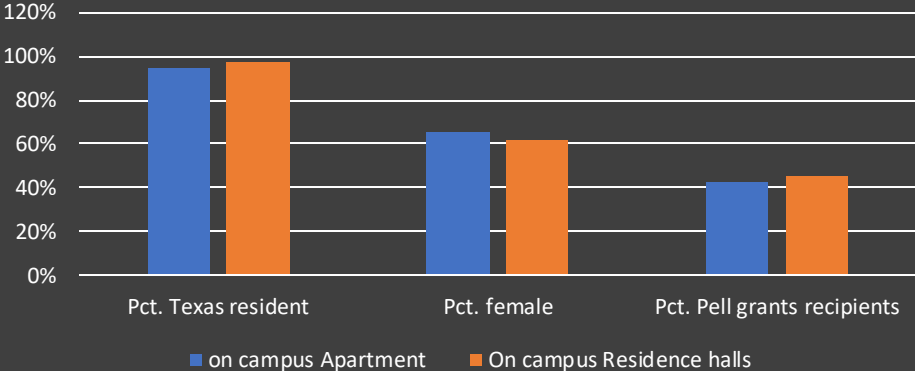


Average unmet need in first year

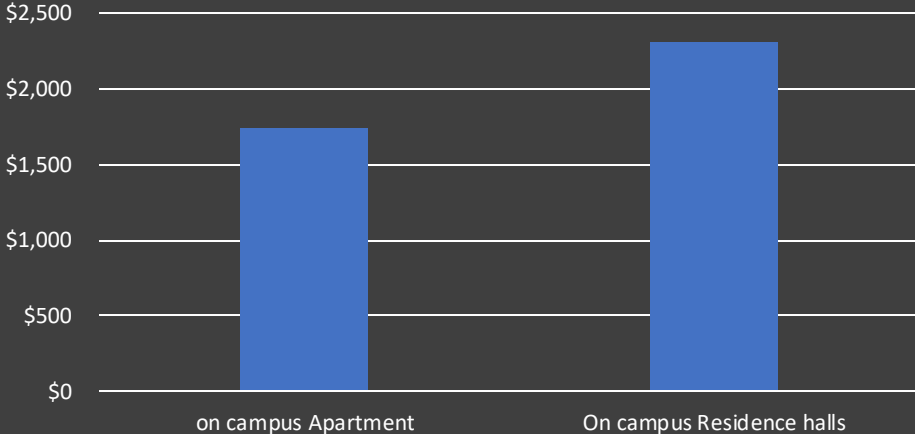


On-campus apartment vs. on-campus residence halls (non-PSA)

Figure 16. student's enrollment characteristics and outcomes by type of housing on campus without PSA students

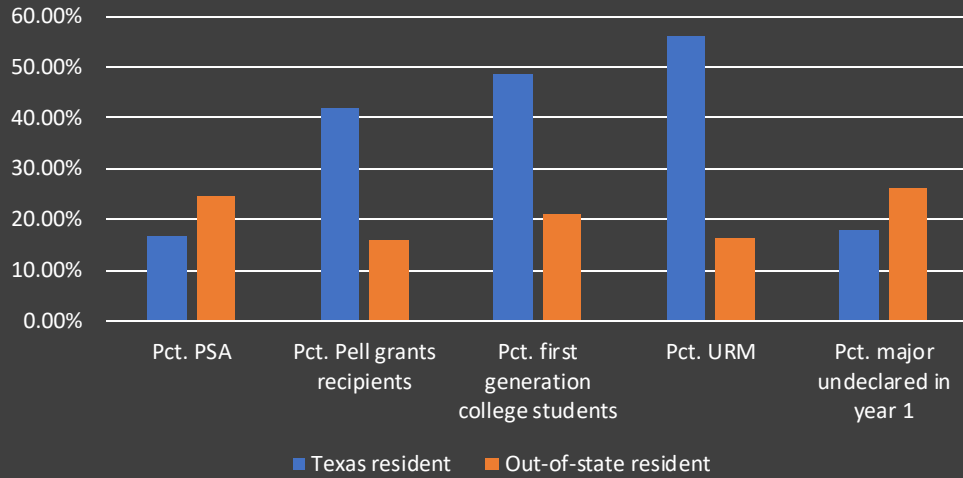


Average unmet need in first year

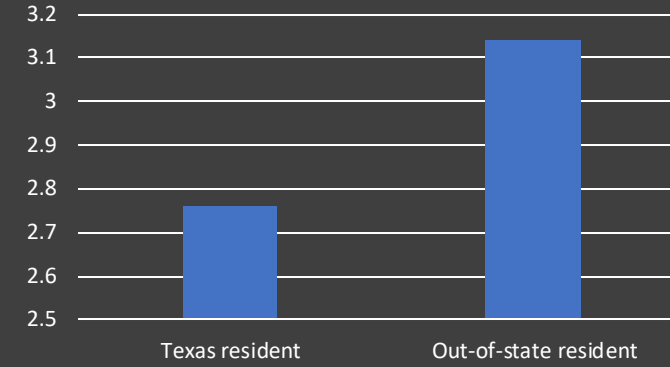


Texas resident vs. Out-of-state resident

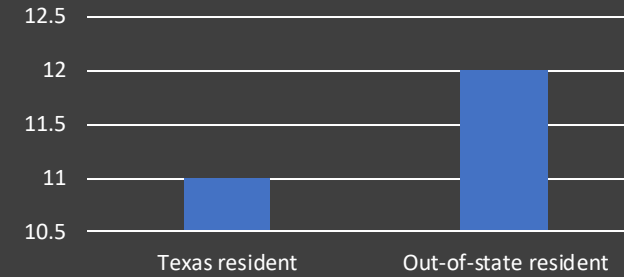
Figure 17. On campus student's enrollment characteristics and outcomes by residency



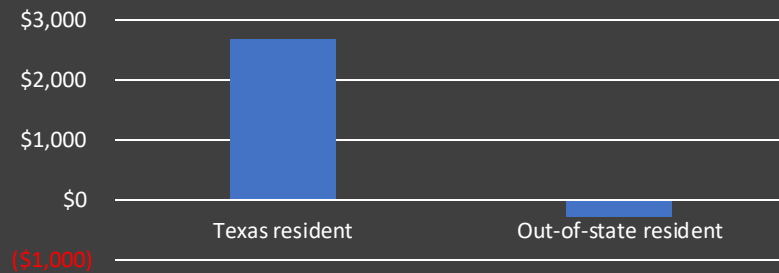
Average first term GPA



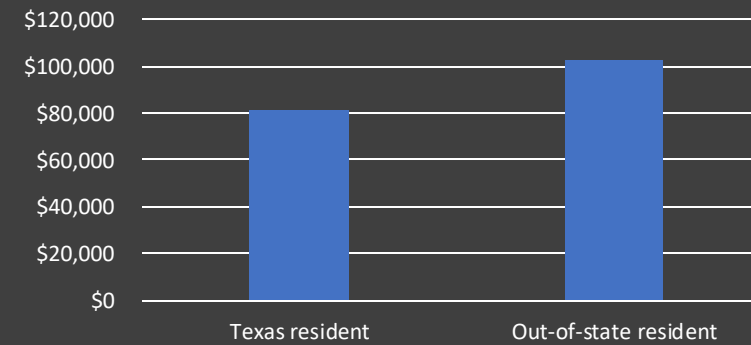
Average first term credits earned



Average unmet need in first year

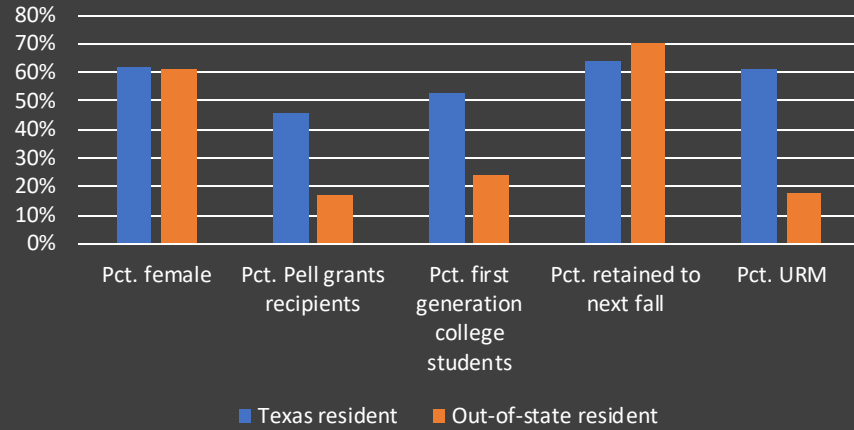


Average family income

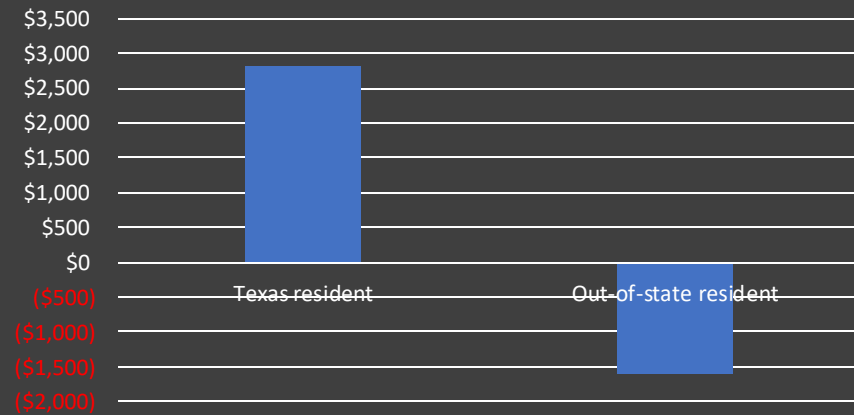


Texas resident vs. Out-of-state resident (non-PSA)

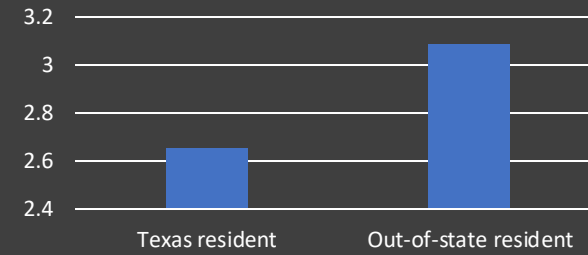
Figure 18. On campus student's enrollment characteristics and outcomes by residency without PSA students



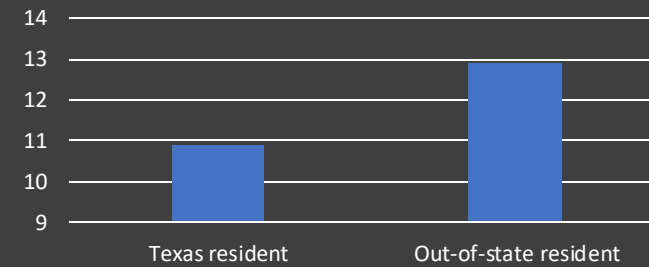
Average unmet need in first year



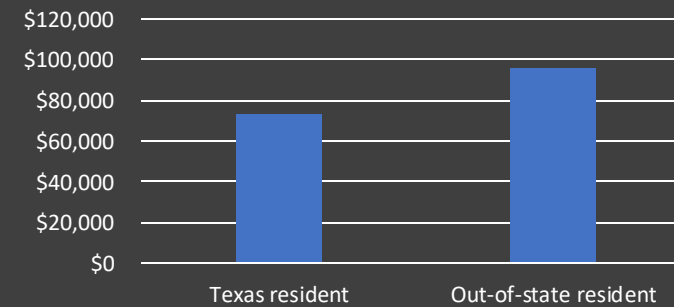
Average first term GPA



Average first term credits earned



Average family income



Predicting first-year retention rate

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a Pell_eligible(1)	-.034	.061	.312	1	.576	.967
Ageatentry	.031	.049	.404	1	.525	1.032
URM(1)	.106	.062	2.871	1	.090	1.112
female(1)	-.014	.059	.059	1	.808	.986
first_gen(1)	-.017	.060	.085	1	.771	
SORHSCH_PERCENTILE	.005	.001	12.618	1	<.001	1.
SHRTGPA201409	.890	.039	516.934	1	<.001	2.
shrtgpa_hours_earned201409	.055	.010	28.794	1	<.001	1.
momentum(1)	-.013	.094	.019	1	.890	
offcam(1)	.123	.060	4.237	1	.040	1.
COMPOSITESATSCORE	.000	.000	.727	1	.394	1.000
Constant	-3.508	.950	13.649	1	<.001	.030

a. Variable(s) entered on step 1: Pell_eligible, Ageatentry, URM, female, first_gen, SORHSCH_PERCENTILE, SHRTGPA201409, shrtgpa_hours_earned201409, momentum, offcam, COMPOSITESATSCORE.

Classification Table^a

Observed		Predicted		Percentage Correct
		retained_to_second_fall 0	1	
Step 1 retained_to_second_fall	0	1692	1046	61.8
	1	933	3995	81.1
Overall Percentage				74.2

a. The cutvalue is .620

Future Research Directions

- Phase 1: FAFSA data: Living on campus/Living off campus.
- Phase 2: Banner data 12th day of class to designate where students lived on campus (Miramar or Momentum) as well students who live off campus.
- Phase 3:
 - a. Outcomes in living learning communities.
 - b. For those who live off campus: whether they live with their parents or another address.
 - i. Consider looking at outcomes by a radius who live off campus (e.g within 10 miles, 11-20 miles, etc.).
 - ii. Could do a hybrid between FAFSA and Banner.

Recommendations to SEAS Leadership

- Change residency requirement for first-year students
- Creating a first-gen living and learning community in Miramar
- Expand living/Learning communities
- Greek life halls and affinity groups
- On-site tutoring services: Bus tutors to Momentum
- Drop in advisor at Momentum: Create an "after hours" stipend for advisors to participate in the program
- Provide financial aid counselling services to students living in Momentum
- Increase the number of Resident Assistants for on-campus housing to reduce the RA to student ratio



STUDENT ENGAGEMENT & SUCCESS



Islander Housing Requirement for First-Year Students

In the 2020-2021 academic year, Texas A&M-Corpus Christi implemented a requirement that first-year students live on campus. A review of university success data for first-year students living in campus housing has shown that first-year students living in Miramar, on the Island Campus, have higher rates of success. Due to these findings, Islander Housing has modified the housing requirement to include that all first-year students live at Miramar on the Island campus. Reserving Miramar as the primary housing location for first-year students will ensure that they have close access to academic resources, student support services, and co-curricular engagement opportunities.

While there will be limited space available at Miramar for upperclassmen and graduate students, Momentum Village will serve as the primary housing property for returning and transfer students.

More information about the First-Year Student Residency Requirement can be found [here](#). If you have questions, please contact Islander Housing at housing@tamucc.edu or 361. 825.4663.

First Year Residency Policy Change



Questions and Comments