



Success Profile Sketch

2004 to 2013

Success Profile Sketch

Mission State University

2004 to 2013
N = 58,610

Executive Summary

This summary is based on 58,610 students who matriculated at Mission State University between 2004 and 2013. This group was divided into three categories [COHORTS]—Completers (10,360), Non-Completers (41,970) and Current students (6,280). After describing the overall descriptive data, the report provides a summary of (1) Pre-Entry indicators, (2) Candidacy indicators, and (3) Origination indicators. There are distinct differences in the profile of successful and unsuccessful students at Mission State University.

- Comparing Completers to Non-Completers pre-entry, High school GPA and SAT Composite Score ($p < .001$) were key indicators.

[11% below 2.0 HSGPA, 57% at or below 2.5, & 20% were at or above 3.0]--C
[18% below 2.0 HSGPA, 71% at or below 2.5, & 09% were at or above 3.0]-NC

- Comparing Completers to Non-Completers as candidates, hours acquired during the first semester and hours acquired during the first year, as well initial GPA were key candidacy **SUCCESS** indicators.

First Semester Hours	15.3	versus	10.5
Second Semesters Hours	29.5	versus	22.5
Career Hours	126.016	versus	25.243

- We have identified the key predictor variables for Fall to Spring, as well as Fall to fall retention. Based on regression analysis, we identified a **Success Profile** that demonstrated a yield of 99.3% retained fall to spring versus 74% retained. Based on regression analysis, we identified a **Success Profile** that demonstrated a yield of 97.1% retained fall to fall versus 31% retained.

Fall to Spring	99.3%	versus	74.0%
Fall to Fall	97.1%	versus	31.0%

The data also suggested certain states tended to have different persistence levels for students in the Completers versus the Non-Completers cohorts.

- There was a 26% difference in fall to spring persistence comparing the Completers to the Non-completers from the eight highest yield states. The smallest difference was from the states of Montana, Illinois, New Jersey and Maryland, with the largest from Tennessee, South Carolina, and Washington, DC.
- The difference was more than two and a half time for fall to fall persistence, at 66%. The smallest difference was from Maryland with the largest again from Tennessee.

The Success Profile

High School GPA	Typical = 2.529	75 th Percentile = 2.824
High School Rank	Typical = .5343	75 th Percentile = .3597
SAT Composite Score	Typical = 1086.205	75 th Percentile = 1,203
First Semester Hours	15.3	
Second Semesters Hours	29.5	
Career GPA	3.014 with a low of 2.01	

For the top eight yield entities--District of Columbia, Georgia, Maryland, Tennessee, New York, North Carolina, South Carolina and Virginia,--completer profile students' persistence levels are historically 99%, fall to spring and 97% fall to fall.

We have drilled down into the data to identify (1) school district, (2) individual school, (3) key student demographics, (4) key socioeconomic status indicators, & (5) key academic performance and school-engagement variables that significantly add to the develop of an authentic Success Construct.

OVERALL KEY DESCRIPTIVE DATA

This summary is based on 58,610 students who matriculated at Mission State University between 2004 and 2013. The average per year was 5,860 with the highest enrollment occurring in 2010 (7,250) and the lowest in 2004 (4,490). (See table 1.0 below)

Table 1.0—Cohort year

COHORT YEAR					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2004	4490	7.7	7.7	7.7
	2005	6000	10.2	10.2	17.9
	2006	7220	12.3	12.3	30.2
	2007	6060	10.3	10.3	40.6
	2008	5560	9.5	9.5	50.0
	2009	6120	10.4	10.4	60.5
	2010	7250	12.4	12.4	72.9
	2011	5470	9.3	9.3	82.2
	2012	5070	8.7	8.7	90.8
	2013	5370	9.2	9.2	100.0
	Total	58610	100.0	100.0	

Of the 58,610 students who matriculated at Mission State University between 2004 and 2013, 72% did not complete their program of study, 18% graduated, and 11% are currently enrolled at the University. (See table 2.0 below).

Table 2.0—Matriculation Status

CURRENT MATRICULATION STATUS					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not enrolled and did not graduate	41970	71.6	71.6	71.6
	Graduated	10360	17.7	17.7	89.3
	Still enrolled Fall 2014	6280	10.7	10.7	100.0
	Total	58610	100.0	100.0	

Of the 58,610 students who enrolled at Mission State University between 2004 and 2013, on average, 81% were retained to the subsequent spring semester. (See table 3.0 below).

Table 3.0—Fall to spring retention

RETAINED TO SPRING					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	YES	47340	80.8	80.8	80.8
	NO	11270	19.2	19.2	100.0
	Total	58610	100.0	100.0	

Of the 58,610 students who enrolled at Mission State University between 2004 and 2013, on average, 49% were retained to the following fall semester. (See table 4.0 below).

Table 4.0—Fall to spring retention

RETAINED TO 2ND FALL					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	YES	28890	49.3	49.3	49.3
	NO	29720	50.7	50.7	100.0
	Total	58610	100.0	100.0	

Completers and non-completers--the success profile?

Completers

Table 5.0—Pre-Entry Indicators Cohort A

High School GPA	Typical =	75 th Percentile =
High School Rank	Typical =	75 th Percentile =
SAT Composite Score	Typical =	75 th Percentile =
SAT Math Score	Typical =	75 th Percentile =
SAT Writing Score	Typical =	75 th Percentile =
[11% below HSGPA, 57% at or below , & 20% were at or above]		

Non-Completers

Table 6.0---Pre-Entry Indicators Cohort-B

High School GPA	Typical =	75 th Percentile =
High School Rank	Typical =	75 th Percentile =
SAT Composite Score	Typical =	75 th Percentile =
SAT Math Score	Typical =	75 th Percentile =
SAT Writing Score	Typical =	75 th Percentile =
[18% below HSGPA, 71% at or below , & were at or above]		

WHAT IS YOUR SUCCESS PROFILE?

COMPLETERS

Table 7.0--Candidacy Indicators Cohort A

First Semester Hours	##.#	
Second Semesters Hours	##.#	
Career GPA	#####	Minimum = #####
Career Hours	#####	
Fall to Spring	99.3%	
Fall to Fall	97.1%	

NON-COMPLETERS

Table 8.0---Candidacy Indicators Cohort B

First Semester Hours	##.#	
Second Semesters Hours	##.#	
Career GPA	#.####	Minimum = #.###
Career Hours	##.###	
Fall to Spring	74.0%	
Fall to Fall	31.0%	

Note: Mission State University has used the [Noel Levitz College Student Inventory](#) to provide support for incoming first-year students. Based upon our analysis, the CSI has provided valuable data for your retention efforts in the following areas: []. Based upon our analysis, your use of the CSI would be enhanced by the following actions: [].

Location Profile

In addition to the PRE-ENTRY and CANDIDACY data presented earlier, the REGION of origin (combined with the aggregated variables identified earlier) is an important part of the University Success Construct. Persistence is a key variable and is measured below in terms of fall to spring and then fall to fall retention. The top eight states are listed in the tables below. There is a 26% difference in persistence comparing the Completers (A) to the non-completers (B). The smallest difference was for students from New Jersey and Maryland, with the largest from South Carolina.

Table 9.0--Fall to Spring Persistence Cohorts A & B

State of Origin/Metric									AVERAGE
Retained to Spring--A	100%	98%	100%	100%	96%	99%	100%	100%	99.125%
Retained to Spring--B	80%	72%	85%	86%	71%	69%	55%	70%	73.50%
Difference	-20%	-26%	-15%	-14%	-	-30%	45%	-30%	-25.62%

The difference was more than two and half times for fall to fall persistence at 66%. The smallest difference was from [] with the largest again from [].

Table 10.0--Fall to Fall Persistence Cohorts A & B

State of Origin/Metric	FL	FR	IL	IR	MI	MR	OR	OT	AVERAGE
Retained to Fall--A	94%	98%	100%	100%	93%	96%	100%	98%	97.37%
Retained to Fall--B	30%	46%	40%	39%	36%	36%	28%	42%	31.125%
Difference	-64%	-52%	-60%	-61%	-57%	-60%	-72%	-56%	-66.125%

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In Conclusion

We hope that this brief summary and the supplementary slide-show have provided you with insights into how to improve retention and graduation at Mission State University. In updated standards published in recent years, regional and national accreditors are emphasizing the importance of advanced research methodology, appropriate statistical analysis, and informed action based upon proper data modeling. This Success Profile Sketch has provided significant evidence of continual improvement for institutions involved in the reaffirmation process.

Your complete Success Profile Document was derived from an aggregate-level analysis of nearly six thousand (5,861) students who matriculated at Mission State University between 2004 and 2013. In addition, we added aggregated data from thousands of internal surveys, and from standardized assessments such as the *College Student Inventory*, *Student Satisfaction Inventory*, *National Survey of Student Engagement*, *Faculty Survey of Student Engagement*, and *the College Senior Survey*.

As part of this analysis, we have provided Mission State University with a web-based system that will help you collect and use data germane to what your students Know, how they Think, and what they can Do. This system has the following characteristics:

- Pertains to assessing and evaluating a great number of things and persons, especially things and persons in motion.
- Pertains to micro-assessments that activate at temporally and situationally specific periods.
- Pertains to a manner of being situated; location or position with reference to the environment.

By collecting inter-related data from students, faculty, staff, alumni, and administrators at temporally (at the same time) and situationally (environmental conditions) sequenced instants, over time, the impact of your Program Learning Outcomes, Student Learning Outcomes, and Unit Engagement Outcomes on overall institutional effectiveness will become clearer.

We conclude this report with suggestions for your (1) Next 90-days, (2) Next 12 months, and (3) Next 5 to 10 years.

Operational Plans:

- 1.
- 2.
- 3.
- 4.
- 5.

Tactical Plans:

- 1.
- 2.
- 3.
- 4.
- 5.

Strategic Plans:

- 1.
- 2.
- 3.
- 4.
- 5.

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