

A group of people, likely students or staff, are gathered around several large display boards. The boards are covered with numerous colorful sticky notes (yellow, pink, green, orange) and some have diagrams or charts on them. One person in the foreground is holding a smartphone and looking at the board. The scene is outdoors, with trees and a building visible in the background. The overall atmosphere is collaborative and focused.

# **CERRITOS COLLEGE**

**2018 FACILITIES MASTER PLAN**

**FMP Subcommittee Meeting #3**

**November 14, 2018**

# AGENDA

ONLINE SURVEY RESULTS

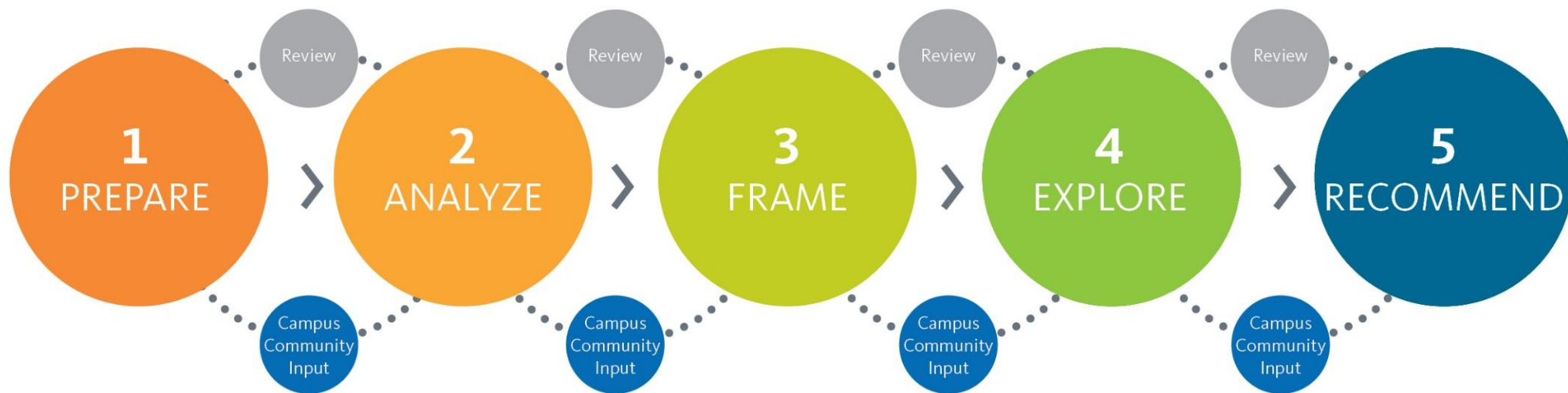
LINKING THE EMP TO THE FMP  
+ SUMMARY OF MEETINGS  
+ ANALYSIS OF DATA  
+ COMMON THEMES  
+ THINGS TO CONSIDER

PLANNING DATA

PRELIMINARY CONCEPTS

NEXT STEPS

# 5 STEP PLANNING PROCESS



- ✓ Organize
- ✓ Schedule
- ✓ Vision

- ✓ Collect
- ✓ Assess
- ✓ Document

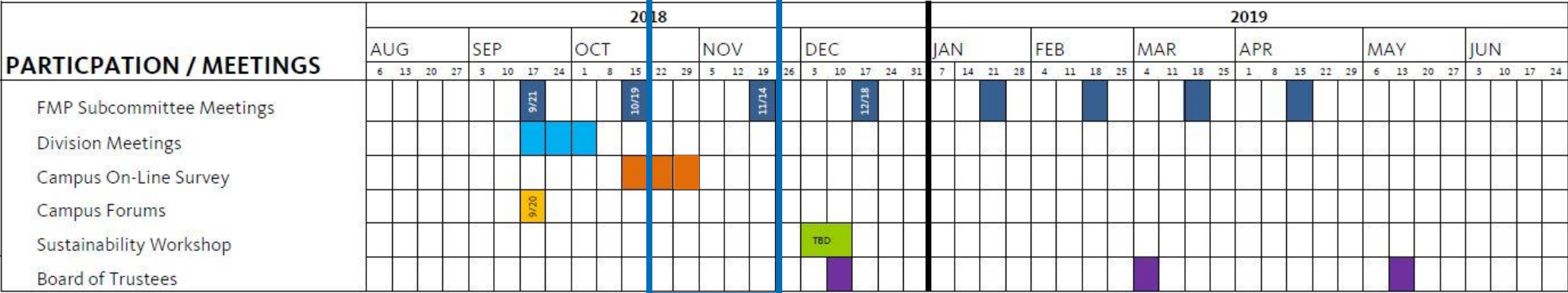
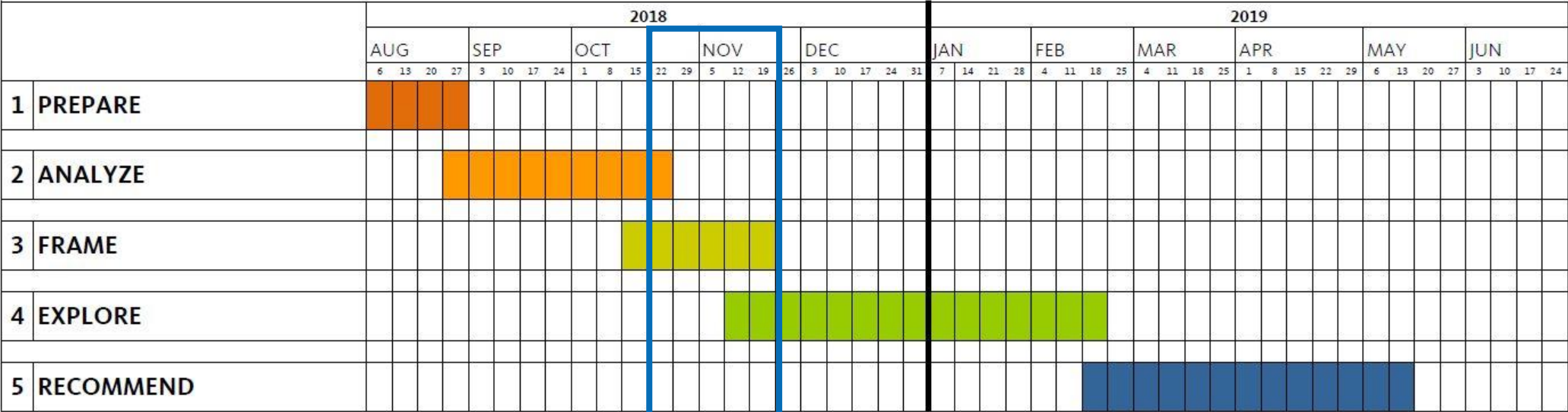
- ✓ Link
- Forecast
- Quantify

- Develop
- Evaluate
- Strategize

- Share
- Document
- Approve



# TIMELINE



# CAMPUS EXPERIENCE SURVEY

OFFICE OF BUSINESS SERVICES



**To:** Colleagues  
**From:** Felipe R. Lopez, Vice President of Business Services  
**Date:** October 15, 2018  
**Subject:** Campus Experience Survey

Cerritos College is updating its Facilities Master Plan and we value your input. A visioning session took place on September 20, 2018, and while great feedback was received, more is needed as the college begins the process of planning for the future of our campus.

Below is a link for a Campus Experience Survey. I encourage you to take part in this evaluation process as your feedback is fundamental for updating the Facilities Master Plan.

**Please complete the survey below by November 2, 2018.**

<https://www.surveygizmo.com/s3/4548507/Cerritos-College-Campus-Experience-Survey>

If you should have any questions, please feel free to contact me at [flopez@cerritos.edu](mailto:flopez@cerritos.edu), or at x2242.

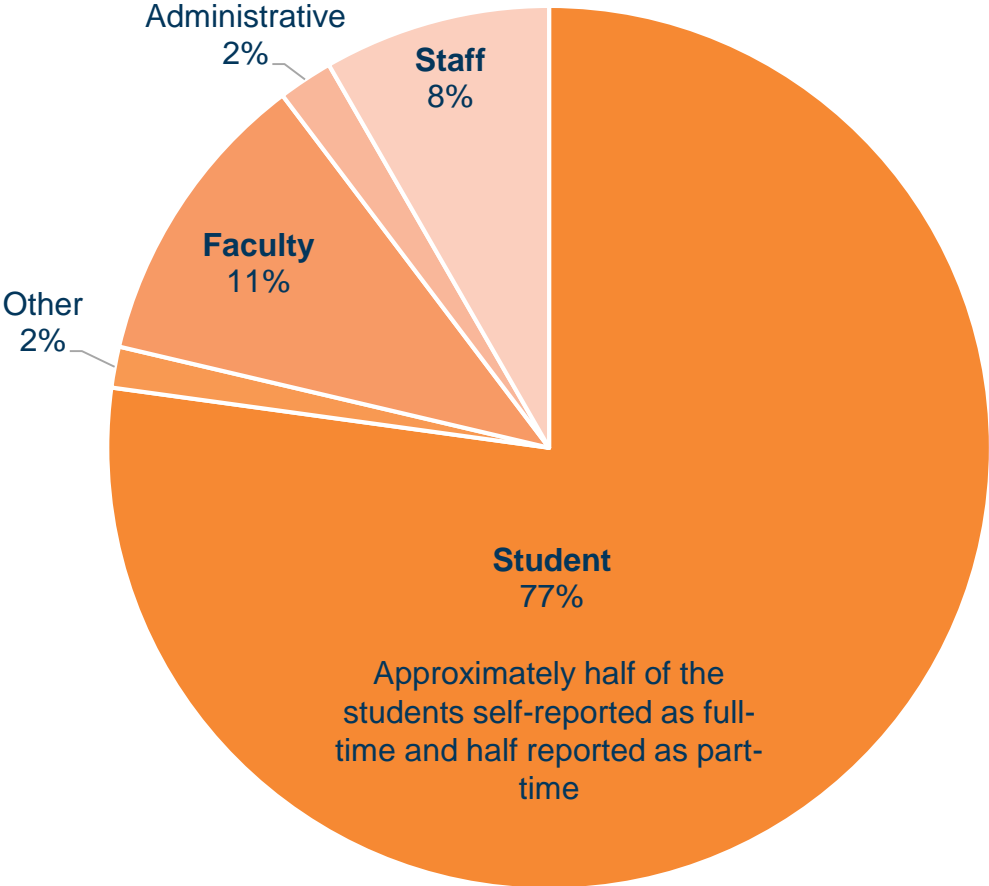
# 2 ON-LINE SURVEY RESULTS

# Survey Participation

Total Respondents



Respondents by self-reported role

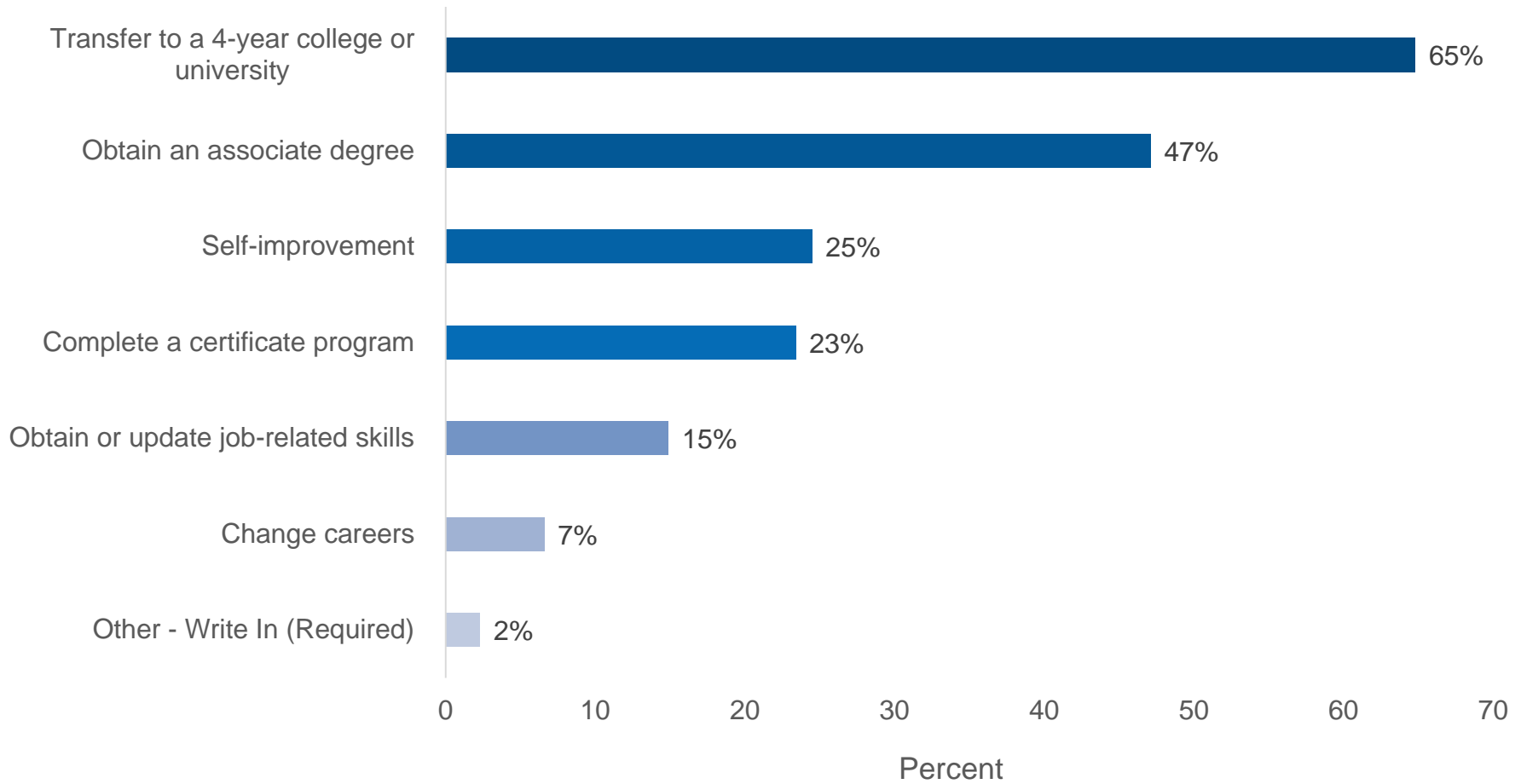




# Survey Participation

## What is your motivation for attending Cerritos?

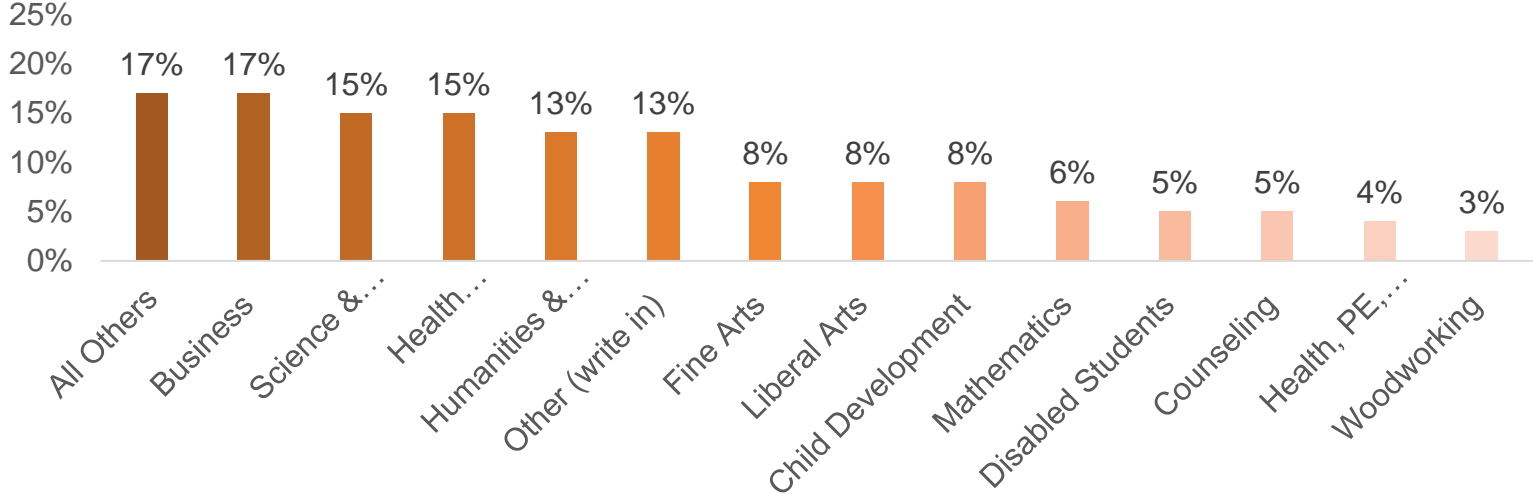
### Students, Alumni, and Prospective Students



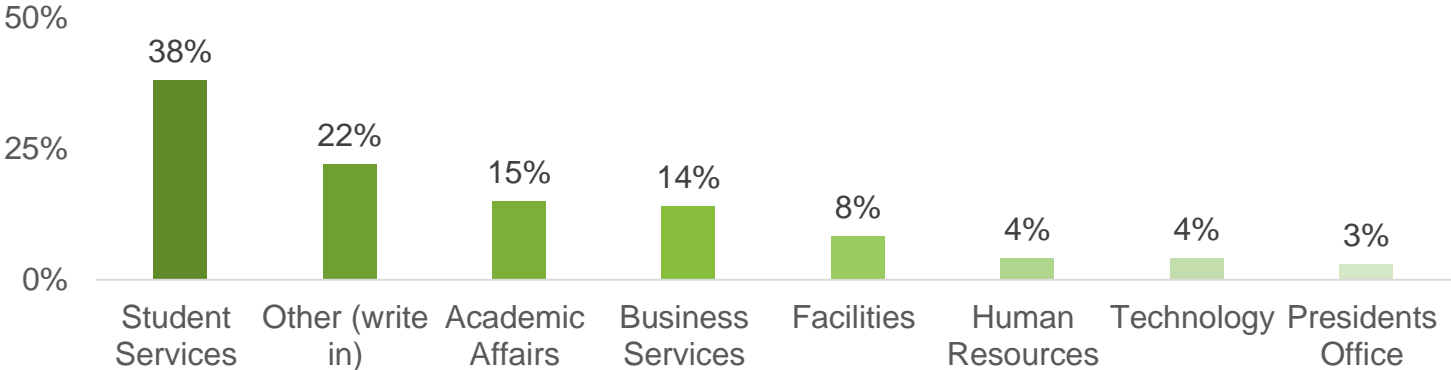


# Survey Participation

## Self-Reported Academic Departments: Students, Alumni, and Faculty



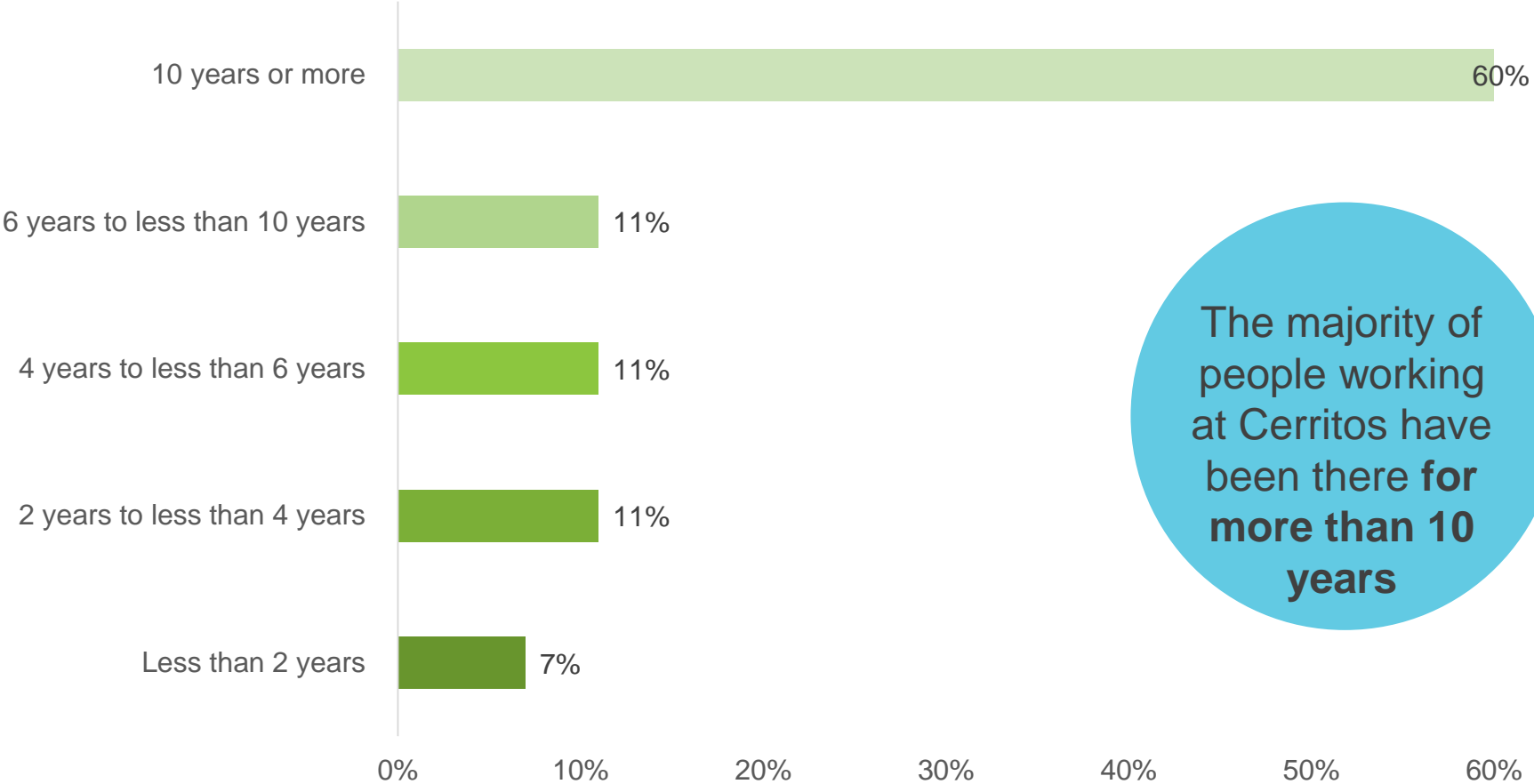
## Self-Reported Operational Departments: Staff and Admin



# Survey Participation

## How long have you worked at Cerritos?

### Faculty, Admin, and Staff

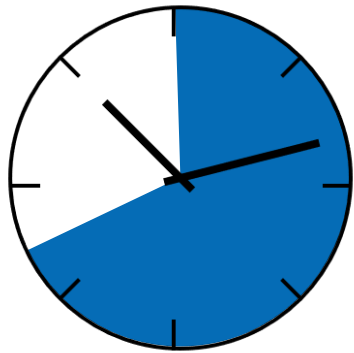


The majority of people working at Cerritos have been there for **more than 10 years**

# Commuting to Campus

## How long is your commute?

Average Commute Time **Students**



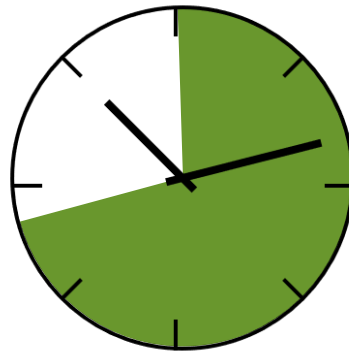
**37**

**Minutes**

28% of students self reported a commute time of

**>** 60 minutes

Average Commute Time **Admin, Faculty & Staff**



**38**

**Minutes**

25% of faculty, staff, and admin self reported a commute time

**>** 60 minutes

## How do you commute?

**68%**

Drive alone

**10%**

Are dropped off

**9%**

Take the bus

**7%**

Carpool

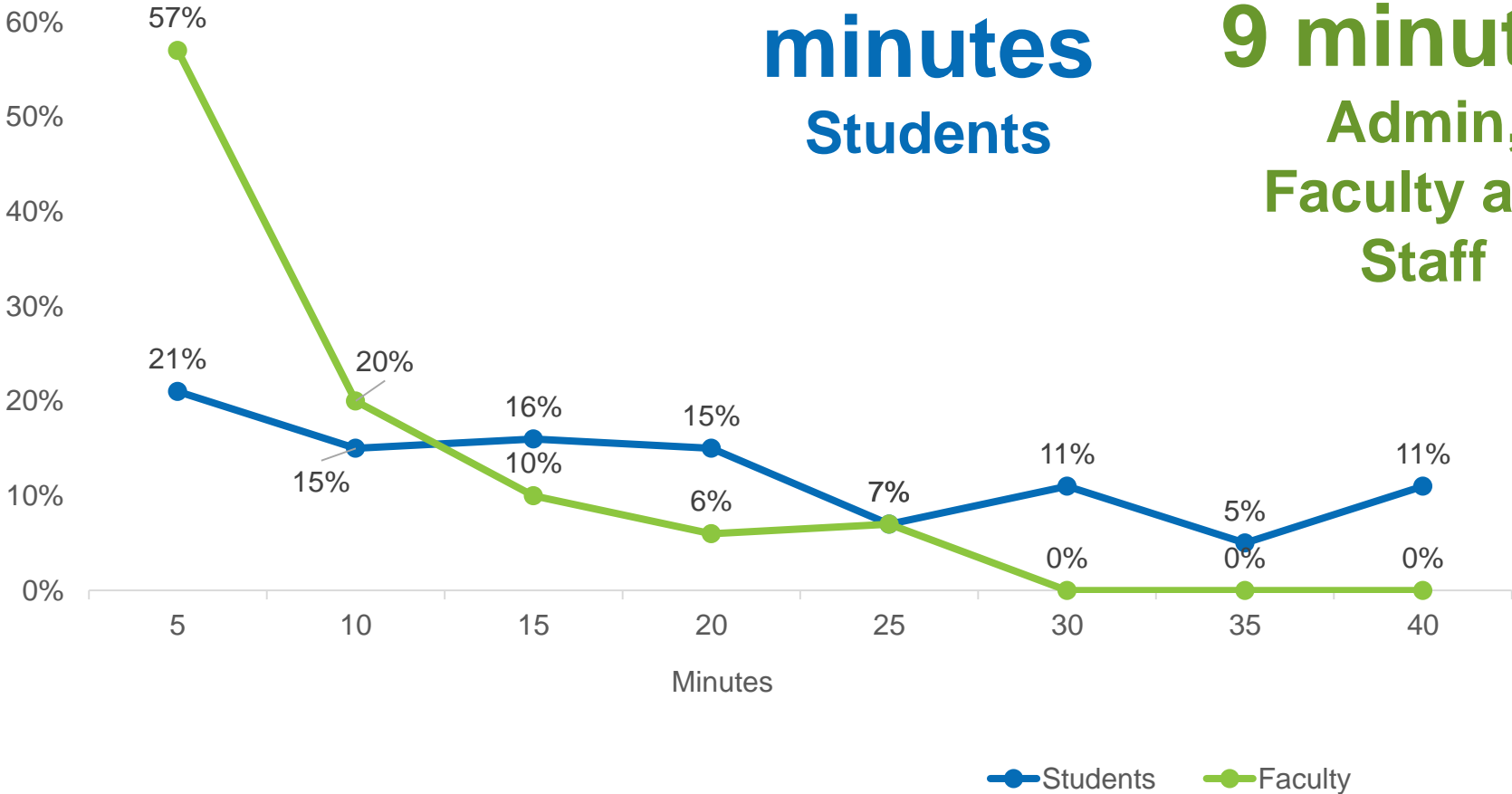
# Parking on Campus

How long does it take to park?

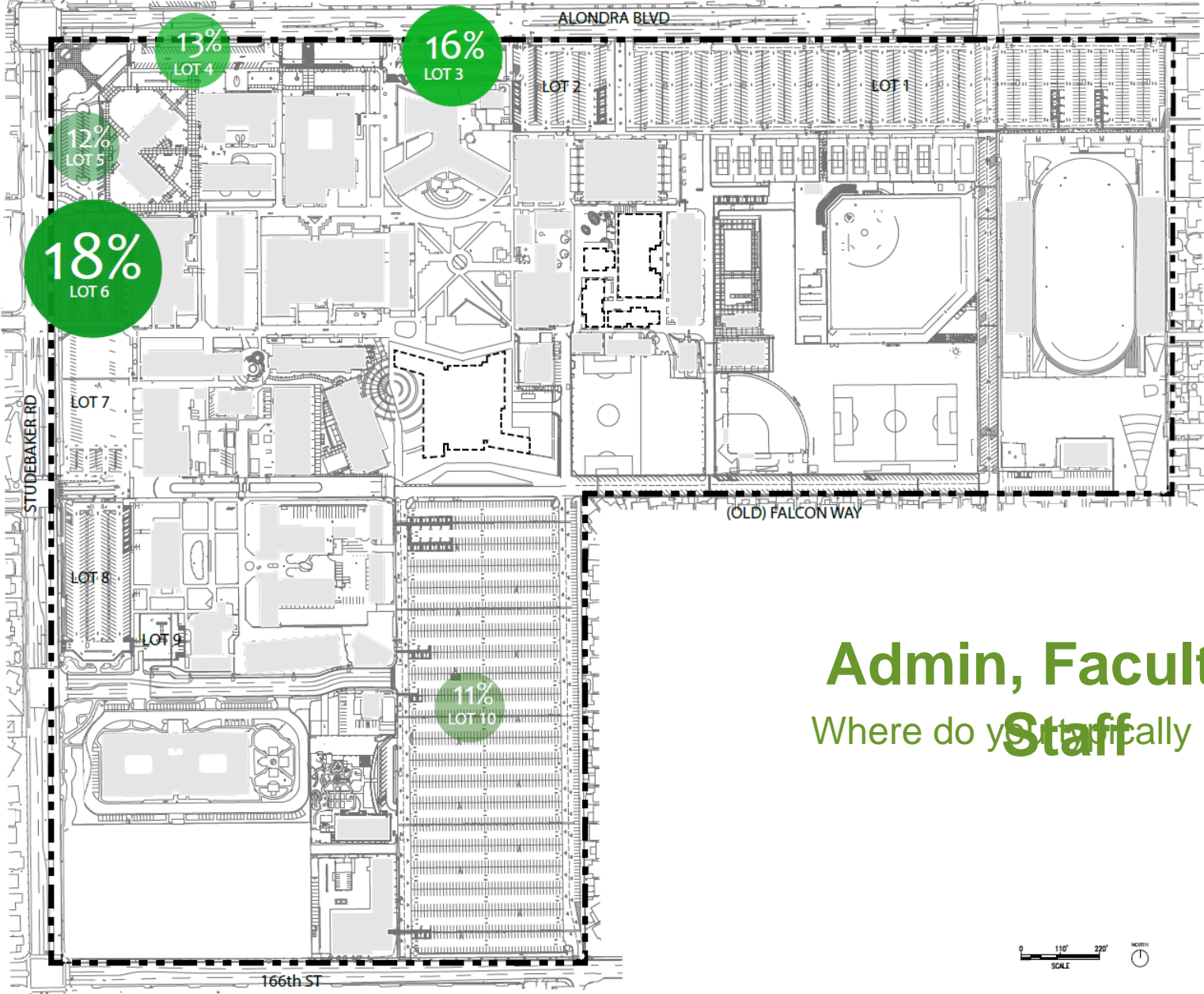
Average Time Spent Finding A Parking Space

**19**  
**minutes**  
**Students**

**9 minutes**  
**Admin,**  
**Faculty and**  
**Staff**

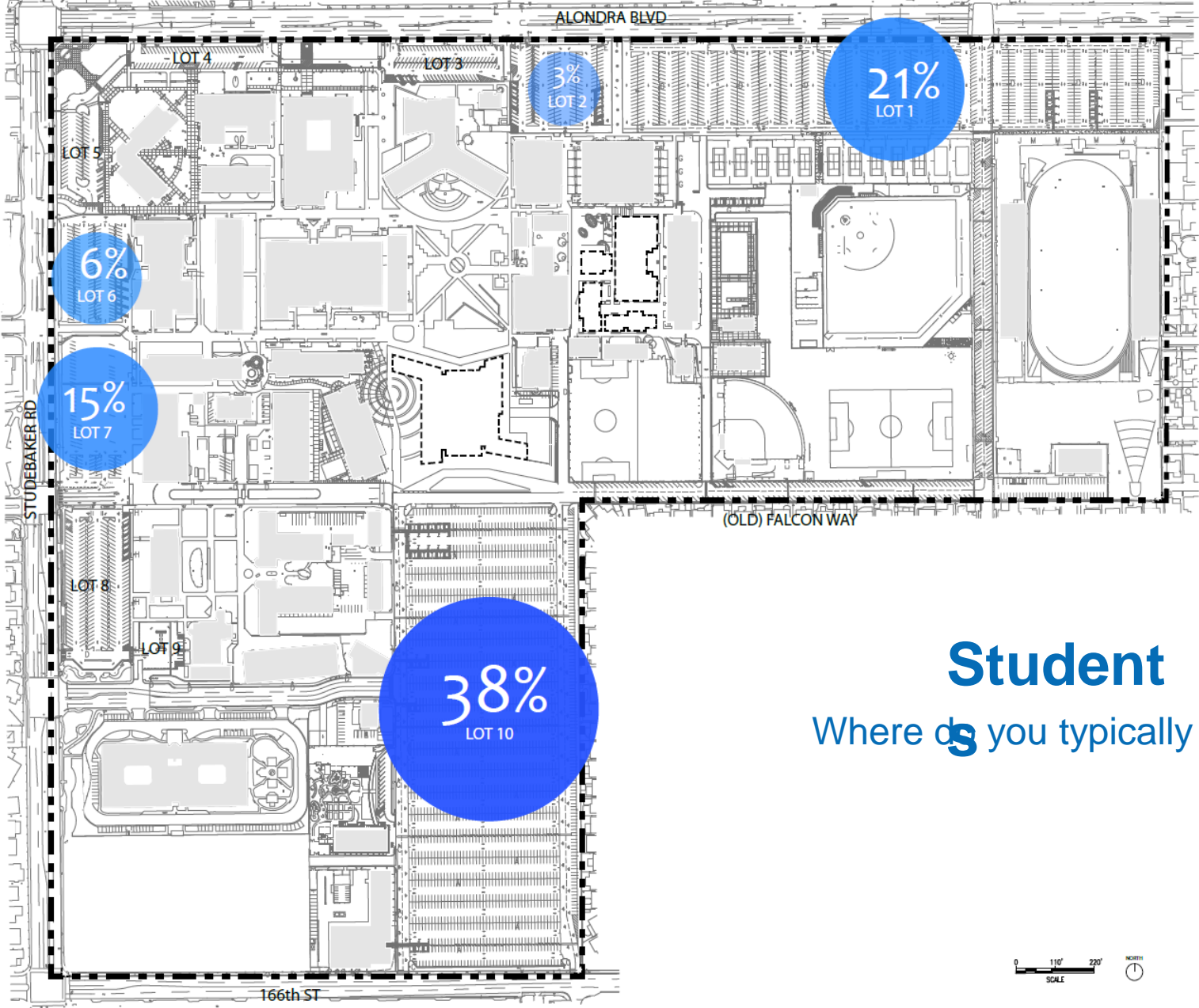


# Parking on Campus



**Admin, Faculty & Staff**  
Where do you typically park?

# Parking on Campus



**Student**  
Where do you typically park?

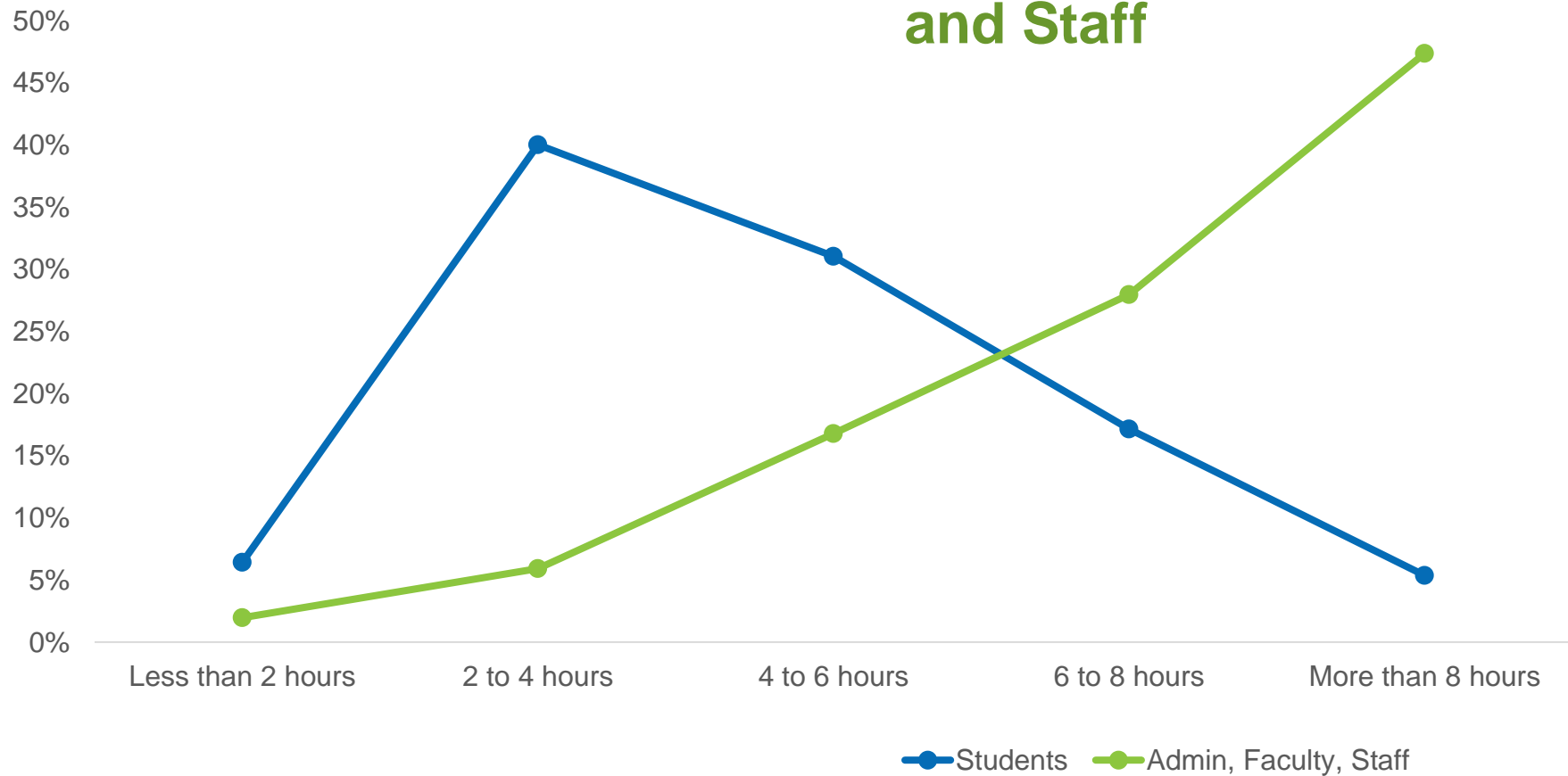
# Time on Campus

How long are your visits to campus?

Average Time Spent on Campus

**7 hours**  
Admin, Faculty  
and Staff

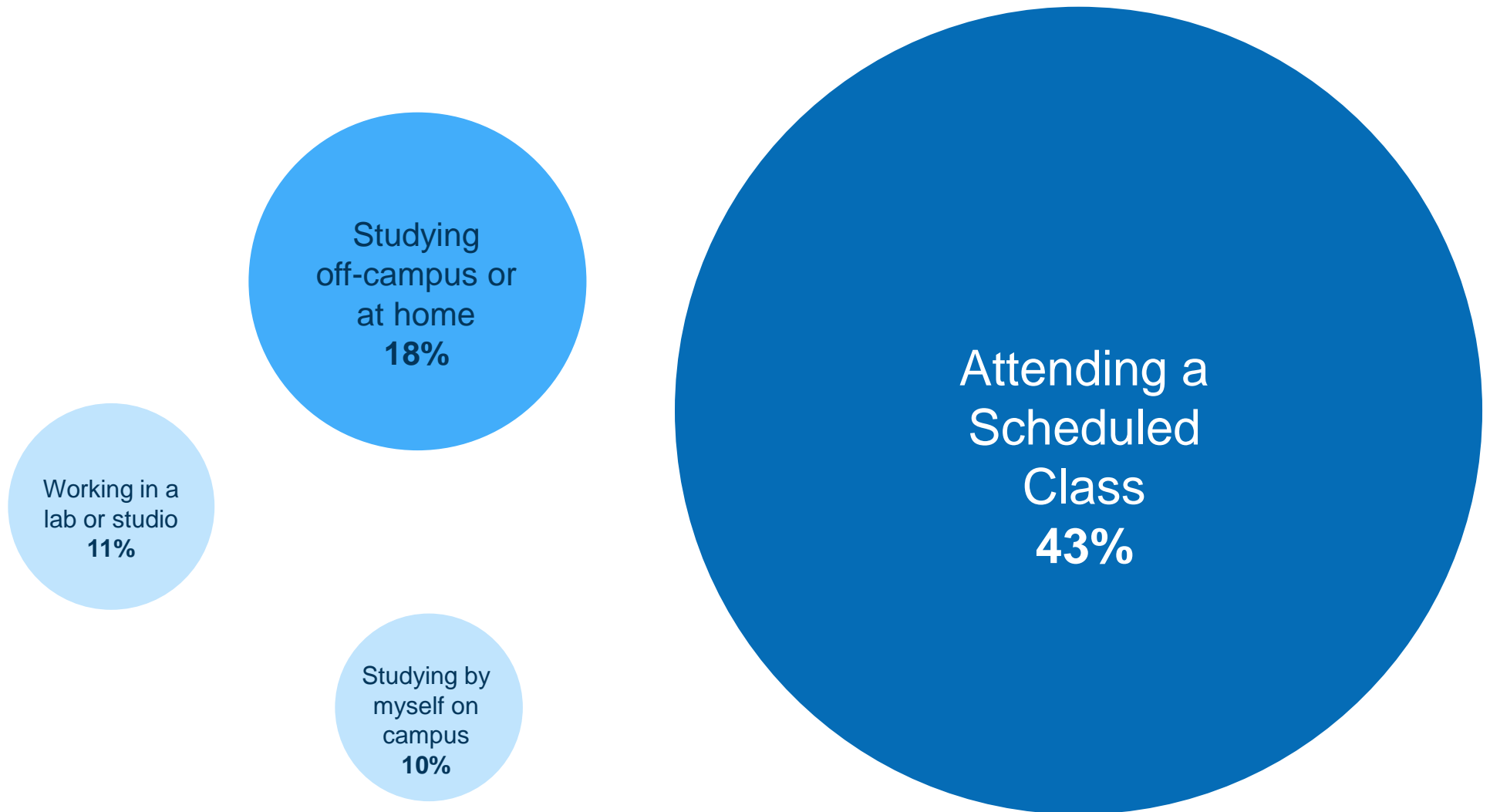
**5 hours**  
Students





# Time on Campus

How do you spend your time on campus?

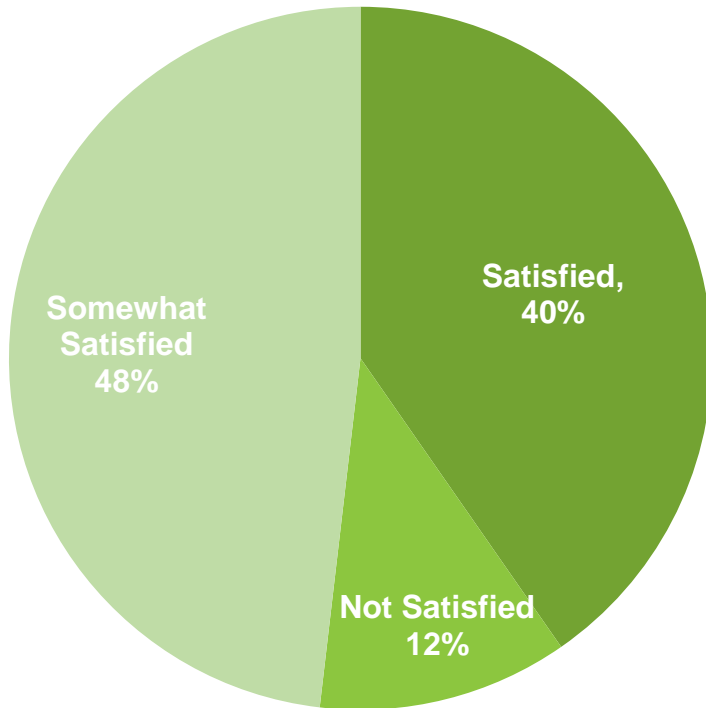


# Campus Satisfaction

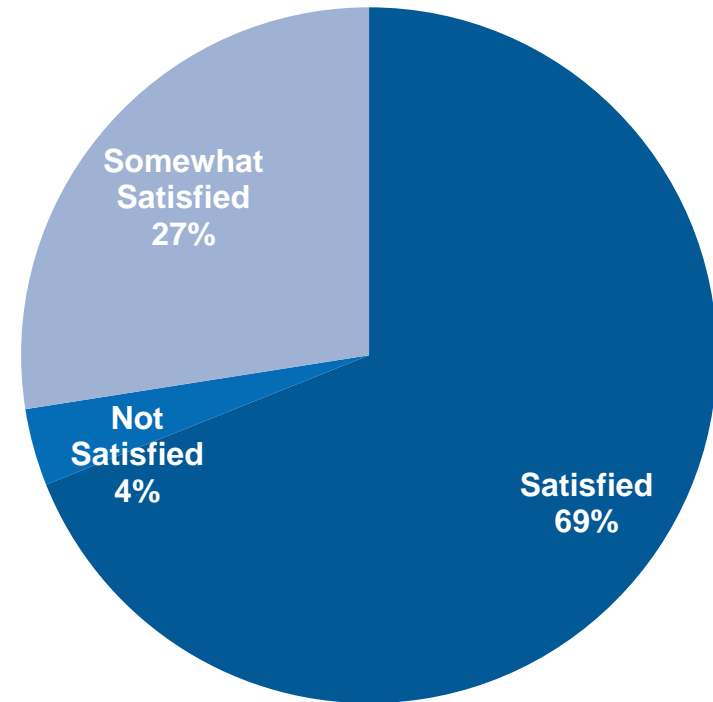
How satisfied are you with classroom & lecture space?

More students are satisfied with classroom and lecture spaces than Admin, Faculty, and Staff

**Administration, Faculty & Staff**



**Students**

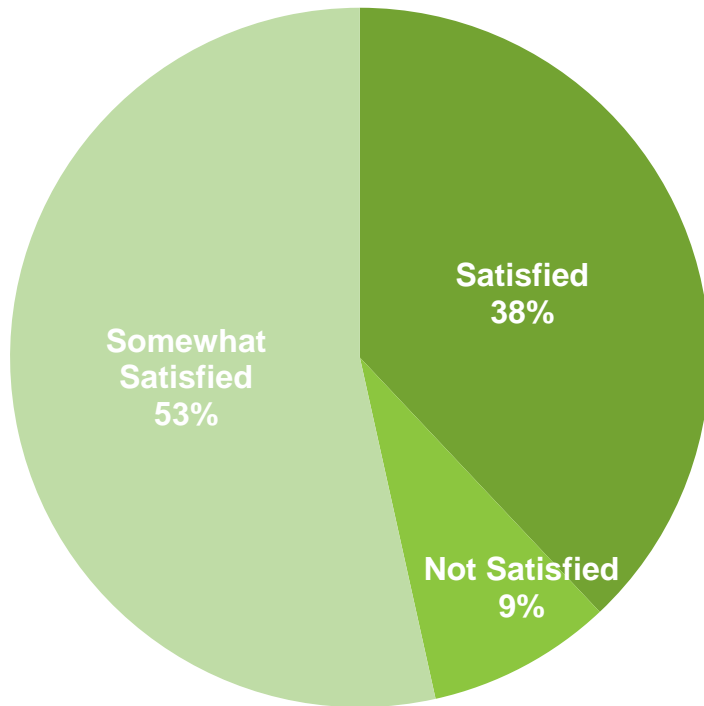


# Campus Satisfaction

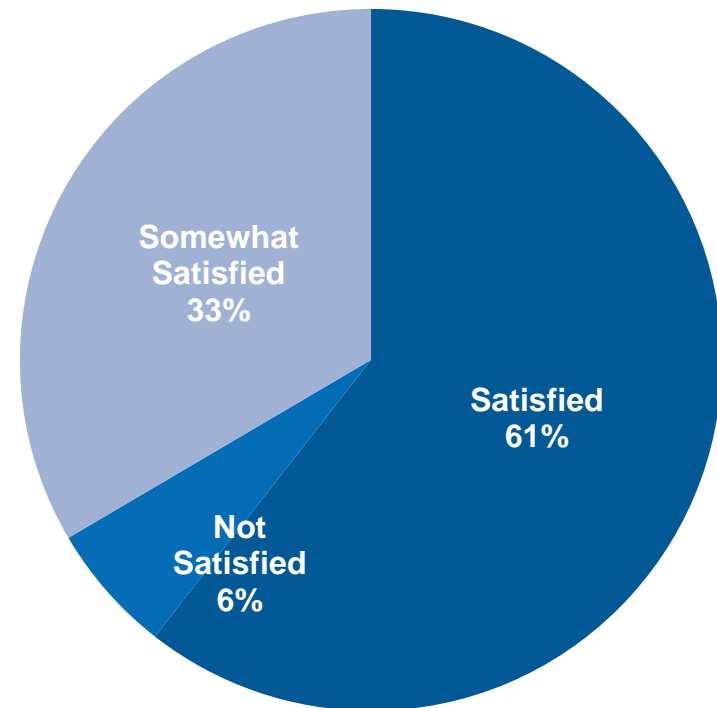
How satisfied are you with library & tutorial spaces?

Overall, Admin, Faculty & Staff are less satisfied with library & tutorial spaces than students

**Administration, Faculty & Staff**



**Students**

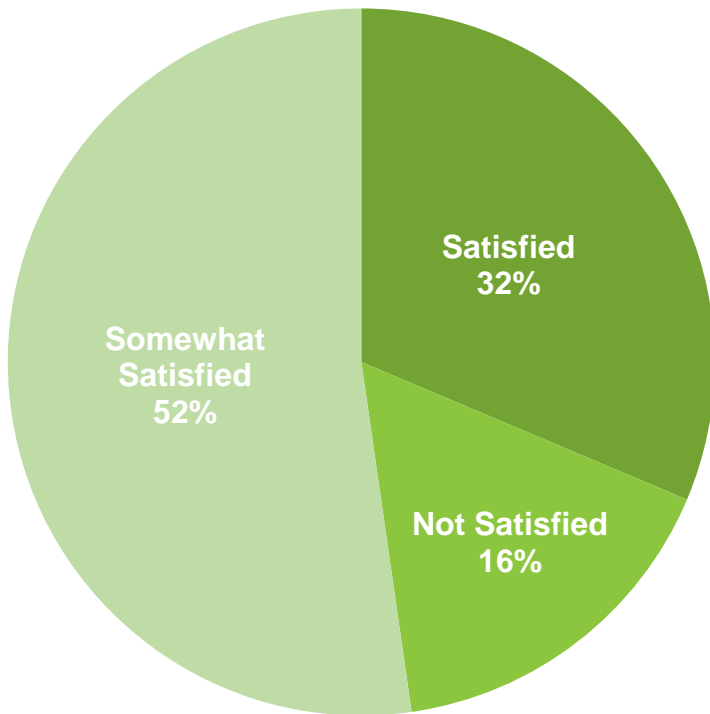


# Campus Satisfaction

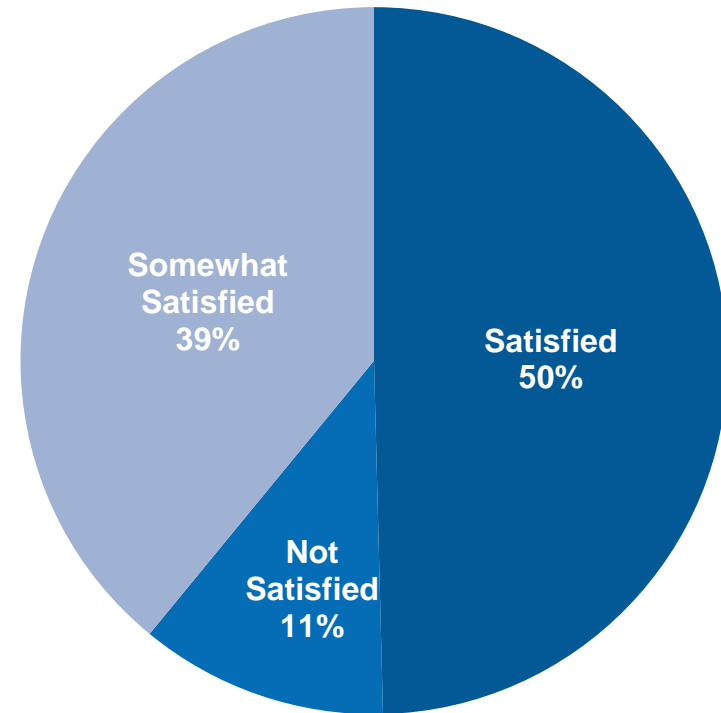
## How satisfied are you with outdoor spaces?

Students are more satisfied with outdoor spaces (plazas, lawns, patios) than admin, faculty, and staff

**Administration, Faculty & Staff**



**Students**

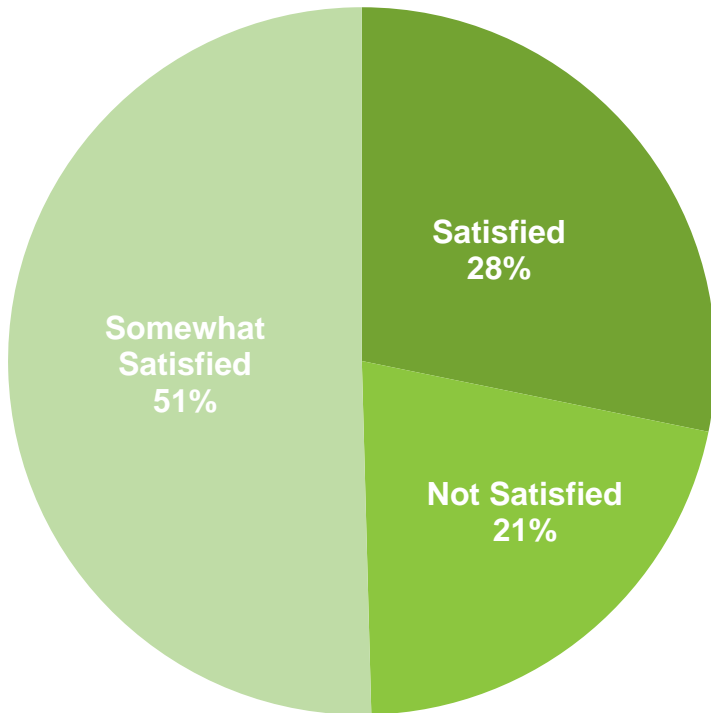


# Campus Satisfaction

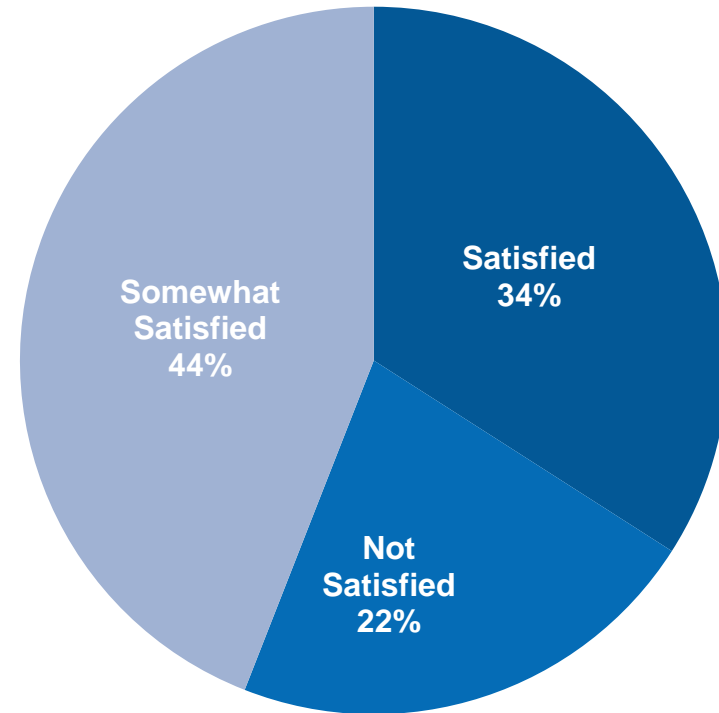
How satisfied are you with cafeteria and food service areas?

For cafeteria and food service areas, overall level of satisfaction is very similar between students versus admin, faculty, and staff

**Administration, Faculty & Staff**



**Students**

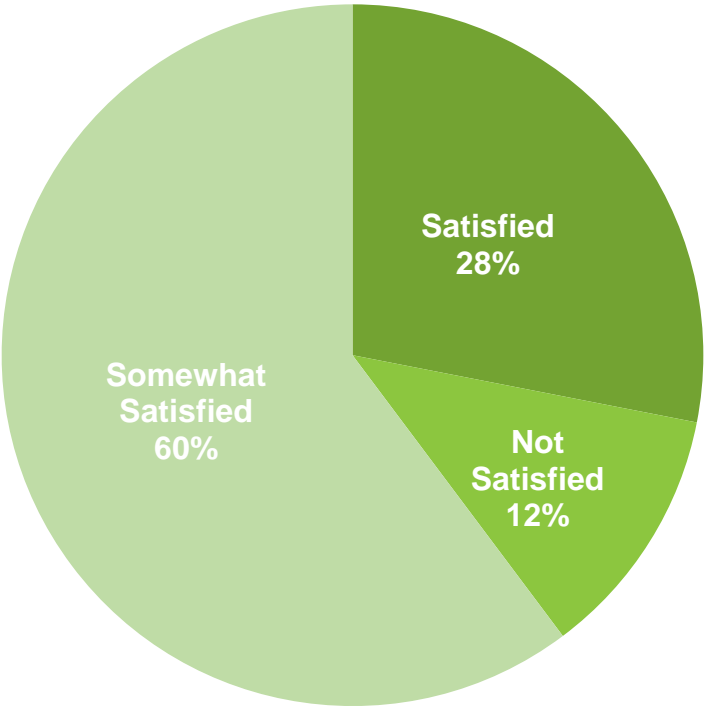


# Campus Satisfaction

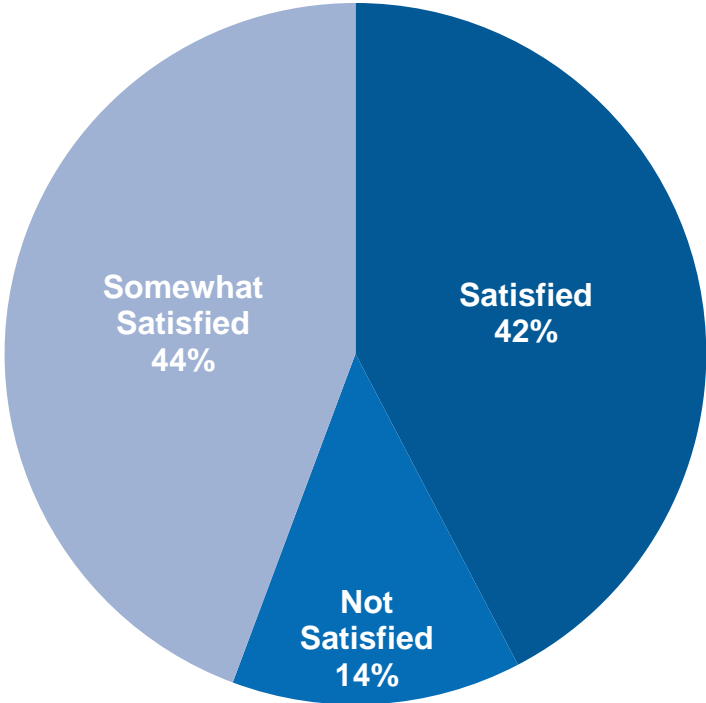
How satisfied are you with student life and activity spaces?

Compared to students, admin, faculty and staff are less satisfied with student life and activity spaces

Administration, Faculty & Staff



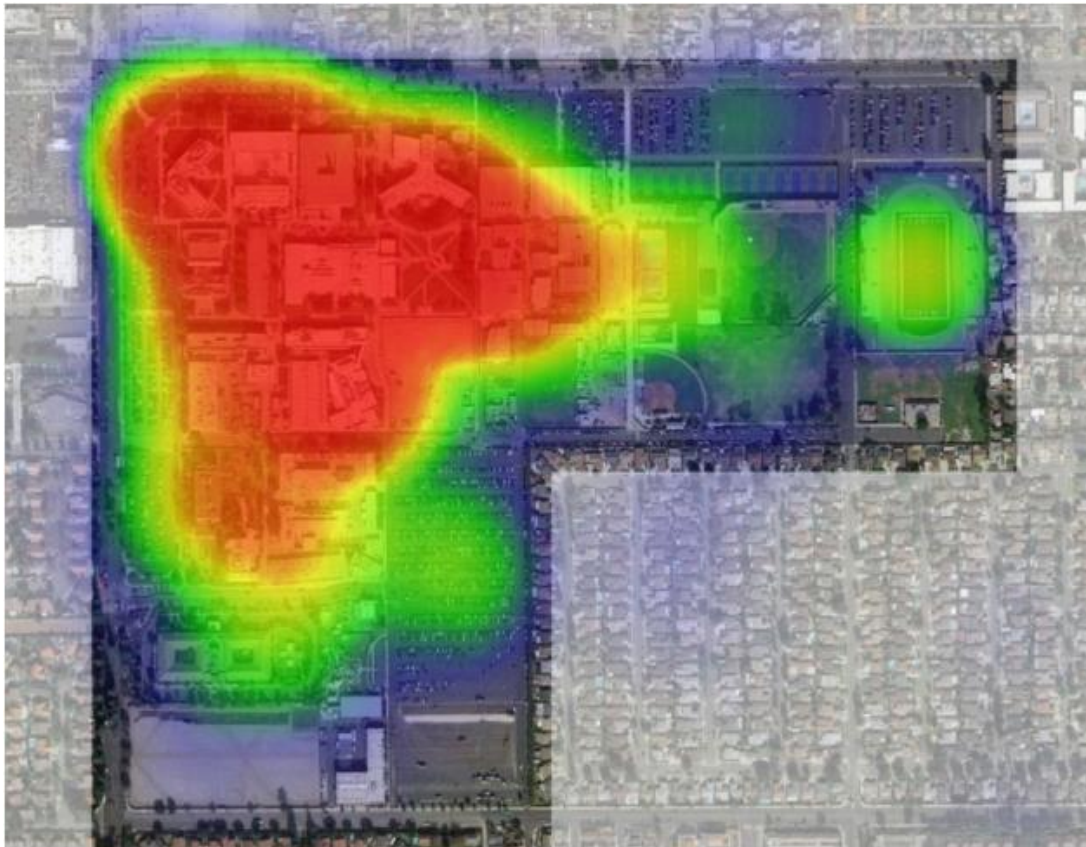
Students



# Favorite Spaces



Most people report that their favorite spaces are located towards the center of campus



*Clean and beautiful buildings*

*Places to relax and exercise*

*Quiet and wi-fi enabled place to study*

*Outdoor shaded areas to meet friends*



# Favorite Spaces

“My favorite space is the library because I get the quiet space I need to complete my work and the wifi is stronger if I chose to bring my own laptop or use my phone.”

“The classrooms: I love all my professors and I learn something new each day I come to class. I have a passion for learning and never once does it feel like any of my professors are reading from the textbook.”

“The pool is one of my favorite spaces, always clean and looks so refreshing.”

“The LA building offers beautiful, useful classrooms and offices to faculty, staff, and students. It also set a high standard that is offered to disabled students through the Disabled Students Programs and Services department.”

“The Fine Arts building is beautiful and the walkway just outside is a lovely space to enjoy a few minutes of quiet.”

“The learning center is one of my favorite spaces because it provides help for classes I struggle with. This is important because without the learning center there is not many places I would be able to go for help.”

“The outdoor hangout areas are a nice addition to the campus and they provide a couple outlets to charge phones or computers, so you can be outside and do your homework if you want.”

# Least Favorite Spaces



People's least favorite spaces are scattered throughout the campus map.

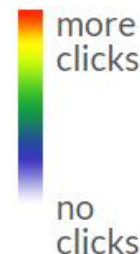
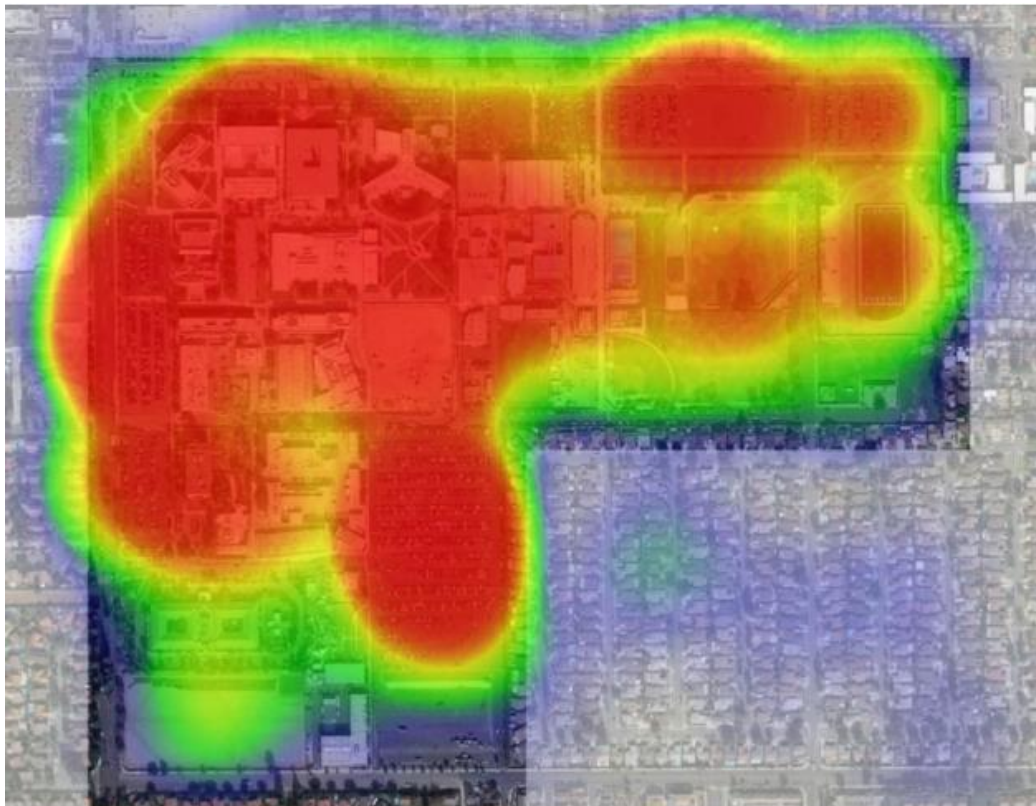
Unlike the map of favorite spaces, this distribution extends far outside the center of campus.

***Poor outdoor lighting  
between buildings and  
in the parking lot***

***Difficulty  
finding  
parking***

***Outdated and  
dirty bathrooms***

***Old and poorly  
maintained  
buildings***



# Least Favorite Spaces

“The Health Science building is the oldest building on this campus. It houses the most programs and yet looks the worst and is the most run down. It's quite sad.”

“The food selection is not good at all. I wish there were cleaner options, especially for people who are trying to eat healthy. And save money.”

“The staff lounge in LRC is used by all staff, faculty and hourly workers for breaks and lunch. The table we use to eat is located right outside the bathrooms. It makes it awkward and smelly.”

“Parking is awful. It takes forever to find a spot and then it ends up being far away from where my class is.”

“I work in the adult education department, and we do not have enough space to support all our students. Our space is not an effective workspace for all of our staff and students.”

“I don't like that homeless people comes up to me at the drop off, makes me feel unsafe and scared.”

“Some of the restrooms are pretty bad. The one by Student Activities is gross. The one by the front entrance of the library is getting bad too.”

“The Police Department is a small building that is beat up inside due to overuse. Designed as a temporary ‘10 year building,’ it's long exhausted it's time frame for usage.”

# 2 LINKING THE EMP TO THE FMP

# Stakeholder Meetings

## OBJECTIVES

- >> **UNDERSTAND**...how Departments'/Divisions' current and/or planned actions/initiatives align to the 6 EMP goals

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...how current facilities help or hinder the accomplishment of the goals & objectives

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>> **EXPLORE**

...how current facilities help or hinder the accomplishment of the goals & objectives

>> **ACQUIRE**

...contextualizing information regarding program growth, stability, or contraction



# Stakeholder Meetings

## SCHEDULE

### SEPTEMBER 25-26

- Department Chairs
- Faculty
- Academic Deans
- Academic Success Center
- Library
- Student Services Managers

### OCTOBER 31

- Student Services Managers & Faculty
- Guided Pathways Committee
- Enrollment Management Committee

# Translating the EMP to the FMP

## PROCESS

### 1. EXTERNAL DATA

#### City Data

- Population Trends
- Educational Attainment
- Unemployment Rates
- Poverty Rates

#### K-12 Data

- K12 Growth Rates
- Kindergarten Enrollments
- HS Graduation Rates

#### Workforce Data

- Fastest Growing and Largest Occupations aligned to Cerritos programs
- Annual Job Openings by Entry Level Education

FMP

# Translating the EMP to the FMP

## PROCESS

### 1. EXTERNAL DATA

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- Annual Job Openings by Entry Level Education

### 2. INTERNAL DATA

#### Trend Data:

##### Quantitative

- Headcount
- # of Sections by Method of Instruction, Discipline
- Average Class Size
- WSCH
- Degrees/Certificates Awards

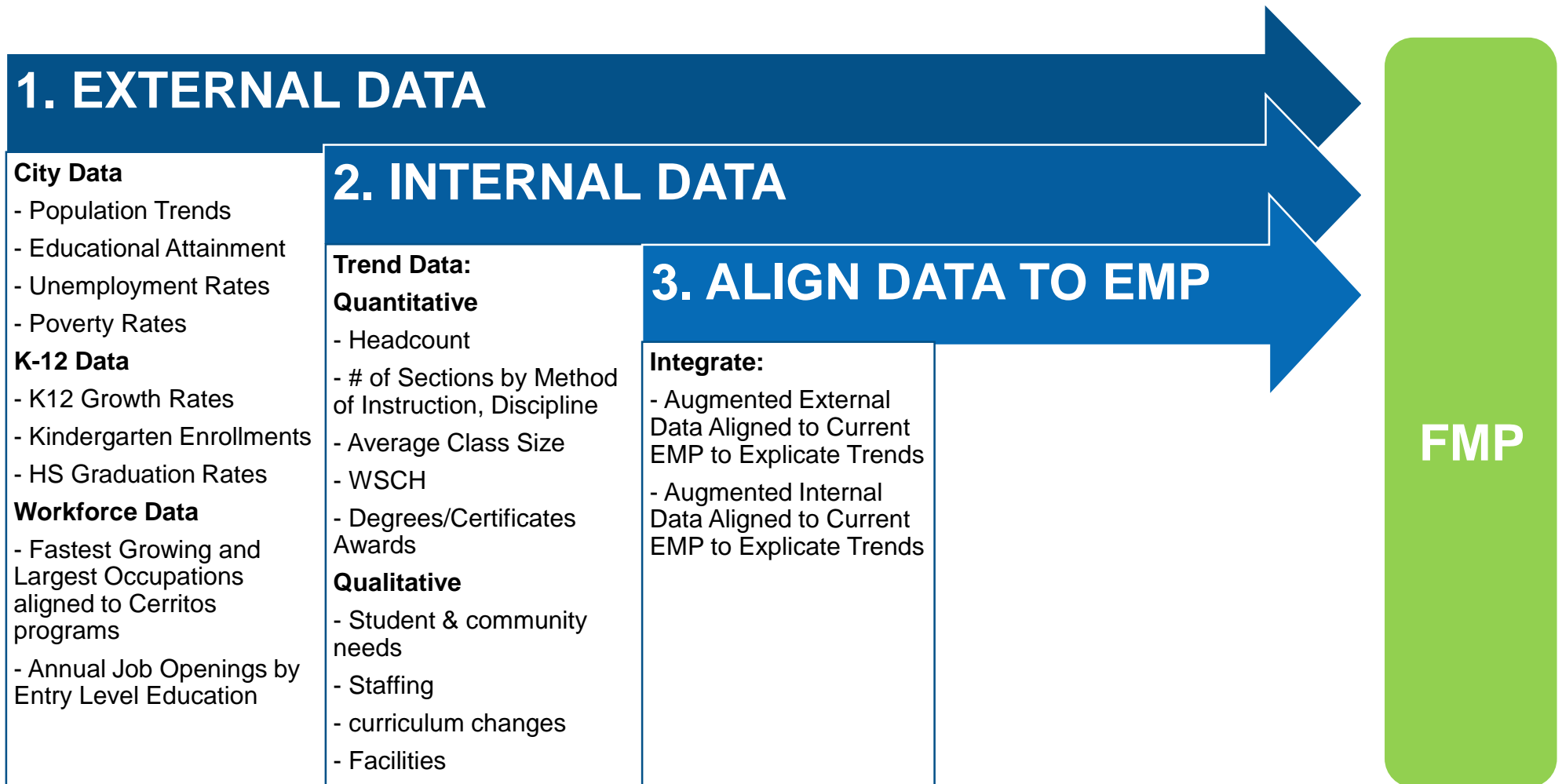
##### Qualitative

- Student & community needs
- Staffing
- curriculum changes
- Facilities

FMP

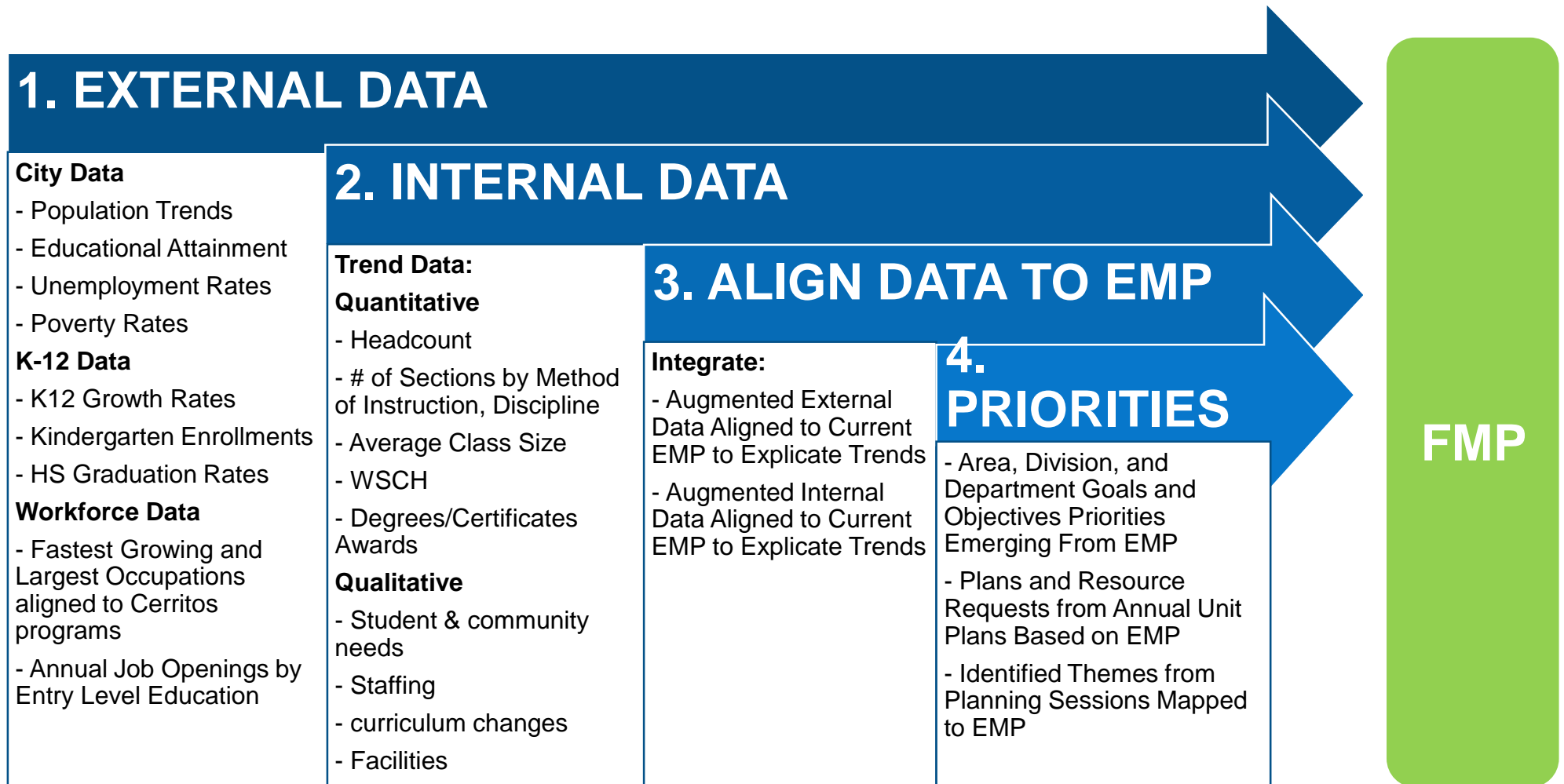
# Translating the EMP to the FMP

## PROCESS



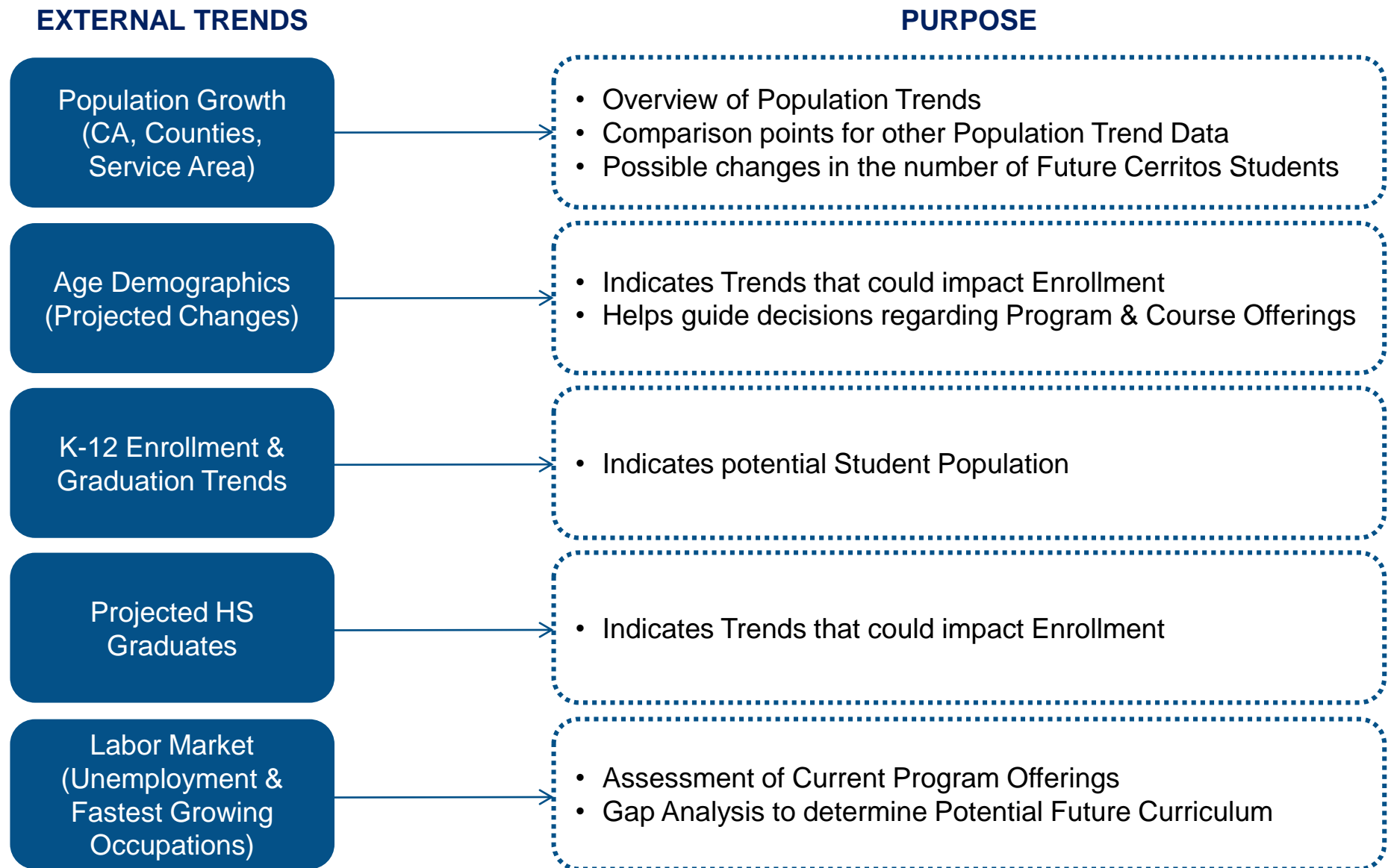
# Translating the EMP to the FMP

## PROCESS



# Translating the EMP to the FMP

## PART 1: EXTERNAL DATA



# Translating the EMP to the FMP

## PART 2: INTERNAL DATA

### INTERNAL TRENDS

#### QUANTITATIVE:

- Enrollment Headcount
- WSCH
- Sections & Fill Rates
- Efficiency (WSCH/EFTEF)
- Student Edu. Goals
- Top 20 Majors
- Degree & Certificate Completions

#### QUALITATIVE:

- Student Needs/Expectations
- Community Needs/Expectations
- Recent Initiatives
- Factors Impacting Staffing
- IT Resources
- Legislation, Regulations, Codes
- Accreditation Standards
- Funding Levels, Formulas & Types
- Organization Structure
- Norms and Values
- Facilities

### PURPOSE

- Indicates program growth, stability or contraction

- Contextualizing Information
- Informs data interpretation
- Helps define Future Needs & Critical Resources

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### EXTERNAL DATA - KEY FINDINGS

#### STATE:

- By 2030:
    - CA Population will be 44.1 million
    - Growth rate under +1%
- 
- Within 10 Years:
    - LA County population +4.06%
    - Orange Co. pop. + 5.27%



# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### EXTERNAL DATA - KEY FINDINGS

#### SERVICE AREA CITIES:

- **Modest Growth** - 0.1% - 0.7% annually
- **Over 65 Population** - Fastest growing segment (19% of CA pop. by 2030)
- **K-12 Enrollment** - To Decline by 2027
  - -2.91% in CA
  - -7.89% in LA Co.
  - -8.61% in Orange Co.
- **HS graduates** - Projected Decrease over next 10 Years:
  - LA County by 13.87%
  - Orange County by 8.24%.
- 75% of 18-44 year old residents have **HS diploma but no degree**
- Cerritos offers courses & programs related to 66 of 100 **Fastest Growing**

### Occupations in LA County

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### INTERNAL DATA - KEY FINDINGS

#### WITHIN 5 YEARS:

- **Headcount** - Modest Increase
  - 55,815 in AY13-15
  - 57,949 in AY 17-18
- **Total WSCH** - Relatively stable for several years (AY13-16), but declined over the last several AY's.

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### INTERNAL DATA - KEY FINDINGS

#### WITHIN 5 YEARS:

#### Increases in Sections:

- Counseling
- Child Development
- Medical Assisting
- Economics
- American Sign Language
- English
- Engineering
- Physics
- Chemistry, et al.



# Translating the EMP to the FMP

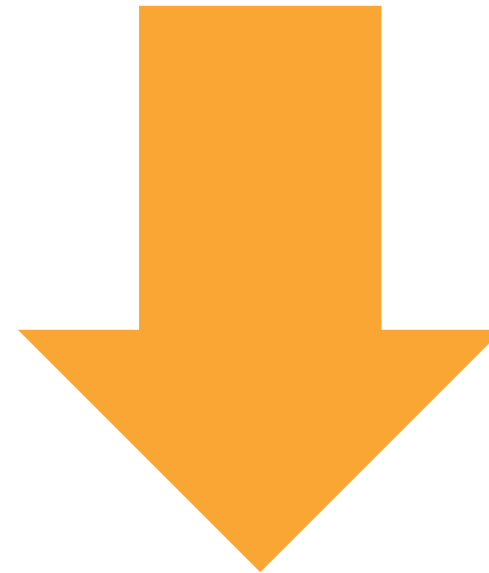
## PART 3: ALIGN DATA TO EMP

### INTERNAL DATA - KEY FINDINGS

#### WITHIN 5 YEARS:

#### Decreases In Sections:

- Accounting
- Business Administration
- Theatre Arts
- Humanities
- Music
- Pharmacy Tech
- English as a Second Language
- Reading
- Welding et al.



# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### INTERNAL DATA - KEY FINDINGS

#### WITHIN 5 YEARS:

#### Non-Credit Course Sections:

- Significant Increase
  - 504 in AY13-14
  - 955 in AY17-18

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### INTERNAL DATA - KEY FINDINGS

#### WITHIN 5 YEARS:

- **Consistent Top 5 Majors:**
  - Business Administration
  - Nursing
  - Psychology
  - Administration of Justice
  - CD: Early Childhood
- **Total Awards** – Significant Increase (412 in 2013; 469 in 2017)
  - Top 5= Psychology (AA), Liberal Arts & Sciences (AA), Biological & Physical Science (AA), Business Administration & Management (Cert.), and Legal Assistant/Paralegal (Cert.).
- **Fill Rates and Efficiency** (WSCH/FTEF) – Pending additional analysis.

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### LONG RANGE FORECASTS

- CCCCO uses statistical model - Maximum Participation Rate - created by the Research and Planning (RP) Group @ 5 years ago.
- MPR - based on several factors; applied to all 72 California Community College Districts.
- 1st - census information for your districts service area and picks the maximum growth rate of that area in the highest of the last 5 years.
- 2nd - applies that growth rate to the previous year's enrollment headcount (for Cerritos = 23,805).
- 3rd - looks at the highest WSCH/Enrollment units from the last 5 years (for Cerritos 2018 - 10.29).
- 4th - the model then multiplies the 10.29 times the 24,063 to come up with the first projected years WSCH.

# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### LONG RANGE FORECASTS

Cerritos - CCCCO Five Year Capital Outlay (2019-2023)

44	2010	24,521	246,871	3.4%	10.07				
45	2011	23,432	243,239	-1.5%	10.38				
46	2012	22,793	230,479	-5.2%	10.11				
47	2013	23,572	242,567	5.2%	10.29				
48	2014	24,053	240,902	-0.7%	10.02				
49	2015	24,388	237,448	-1.4%	9.74				
50	2016	23,805	226,365	-4.7%	9.51				
51	2017					9.62	24,063	231,504	2.3%
52	2018					9.73	24,323	236,721	2.3%
53	2019					9.84	24,586	242,024	2.2%
54	2020					9.96	24,852	247,417	2.2%
55	2021					10.07	25,121	252,899	2.2%
56	2022					10.18	25,393	258,471	2.2%
57	2023					10.29	25,668	264,136	2.2%
58	2024					10.29	25,946	266,996	1.1%
59	2025					10.29	26,227	269,888	1.1%
60	2026					10.29	26,511	272,811	1.1%



# Translating the EMP to the FMP

## PART 3: ALIGN DATA TO EMP

### LONG RANGE FORECASTS

Cerritos Disciplines – As compared to District's Forecasted 2.3%

Given collection of Enrollment and Completion data assessed to date:

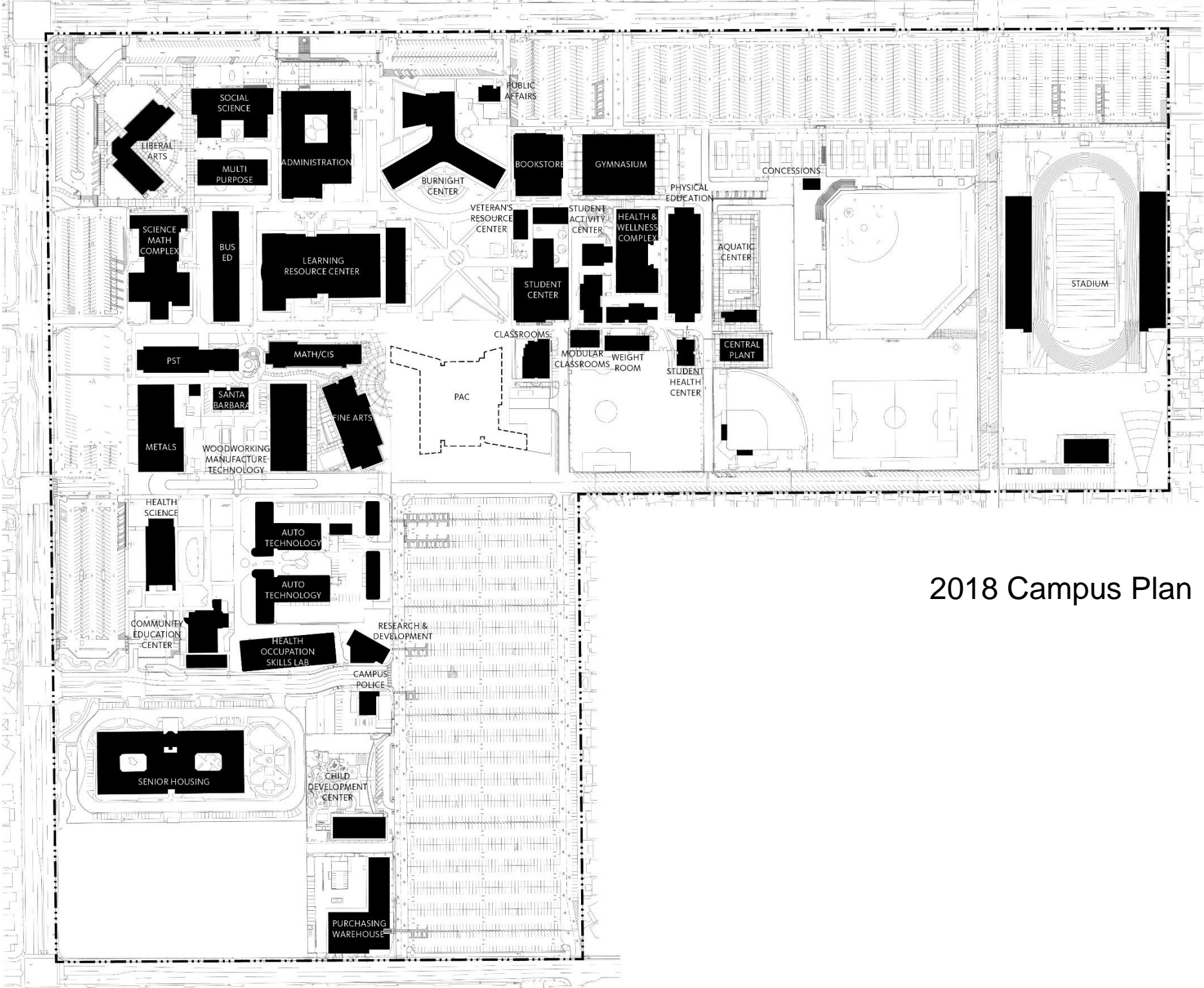
- 23 Disciplines – Faster
- 61 Disciplines – Slower
- 2 Disciplines – Same

*\* NOTE: Two disciplines lack sufficient data for assessment.*

# Considerations

- HS “pipeline” may be decreasing, but as DOF observes, **higher education will still be in demand** due to emphases on completion and success.
- **Increase in older adults** offers opportunities for community education and non-credit courses for this population and those who serve them.
- Significant number of **residents without college degree** means opportunities to provide access to courses and programs to this substantial cohort.
- **Guided Pathways** – opportunities for outreach, persistence, and completion.
- **Promise Program** – opportunities for residents to access educational opportunities.
- Number of programs with **limited opportunities for expansion** due to facility limitations or staffing needs.

# 3 PLANNING DATA



## 2018 Campus Plan

# SPACE ANALYSIS

Measuring Space



Floor Plan

# SPACE ANALYSIS

Measuring Space



## Gross Square Feet (GSF)

# SPACE ANALYSIS

Measuring Space



**Non-Assignable Area**

# SPACE ANALYSIS

Measuring Space



## Assignable Square Feet (ASF)



# SPACE ANALYSIS

## Room Categories



**LECTURE**



**LAB**



**OFFICE**



**LIBRARY**



**INSTRUCTIONAL  
MEDIA**









**OTHER**

	<b>100s</b>	<b>200s</b>	<b>300s</b>	<b>400s</b>	<b>530s</b>	<b>520, 540 - 800s</b>
<b>Room Use Numbers</b>						
<b>Description</b>	Classrooms Support Spaces	Labs Support Spaces	Offices Support Spaces All offices including administrative and student services	Library Study Tutorial Support Spaces	AV/TV Technology Support Spaces	PE Assembly Food Service Lounge Bookstore Meeting Rooms Data Processing Physical Plant Health Service

# SPACE ANALYSIS

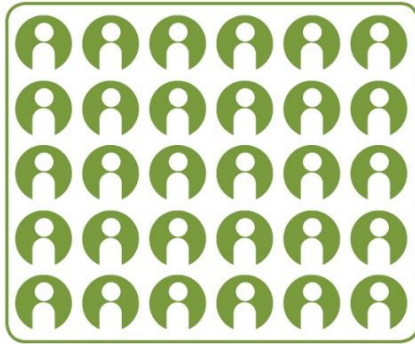
## Room Categories

### CAPACITY/LOAD CATEGORIES

	 <b>LECTURE</b>	 <b>LAB</b>	 <b>OFFICE</b>	 <b>LIBRARY</b>	 <b>INSTRUCTIONAL MEDIA</b>	 <b>OTHER</b>
<b>Room Use Numbers</b>	<b>100s</b>	<b>200s</b>	<b>300s</b>	<b>400s</b>	<b>530s</b>	<b>520, 540 - 800s</b>
<b>Description</b>	Classrooms Support Spaces	Labs Support Spaces	Offices Support Spaces All offices including administrative and student services	Library Study Tutorial Support Spaces	AV/TV Technology Support Spaces	PE Assembly Food Service Lounge Bookstore Meeting Rooms Data Processing Physical Plant Health Service

# SPACE ANALYSIS

Space Utilization – Capacity Load Ratios



# of seats = # of students

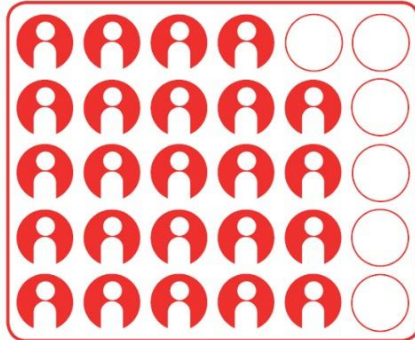
**100%** capacity / load

# SPACE ANALYSIS

Space Utilization – Capacity Load Ratios



# of seats = # of students  
**100%** capacity / load



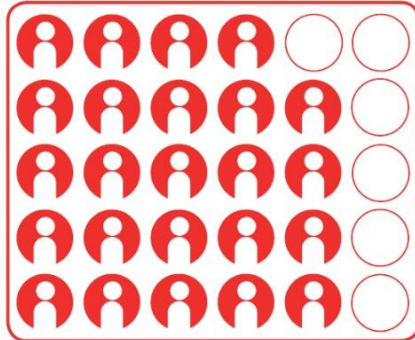
# of seats > # of students  
**over 100%** capacity / load

# SPACE ANALYSIS

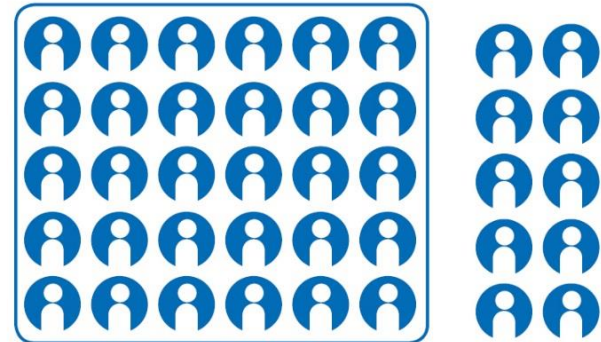
Space Utilization – Capacity Load Ratios



# of seats = # of students  
**100%** capacity / load

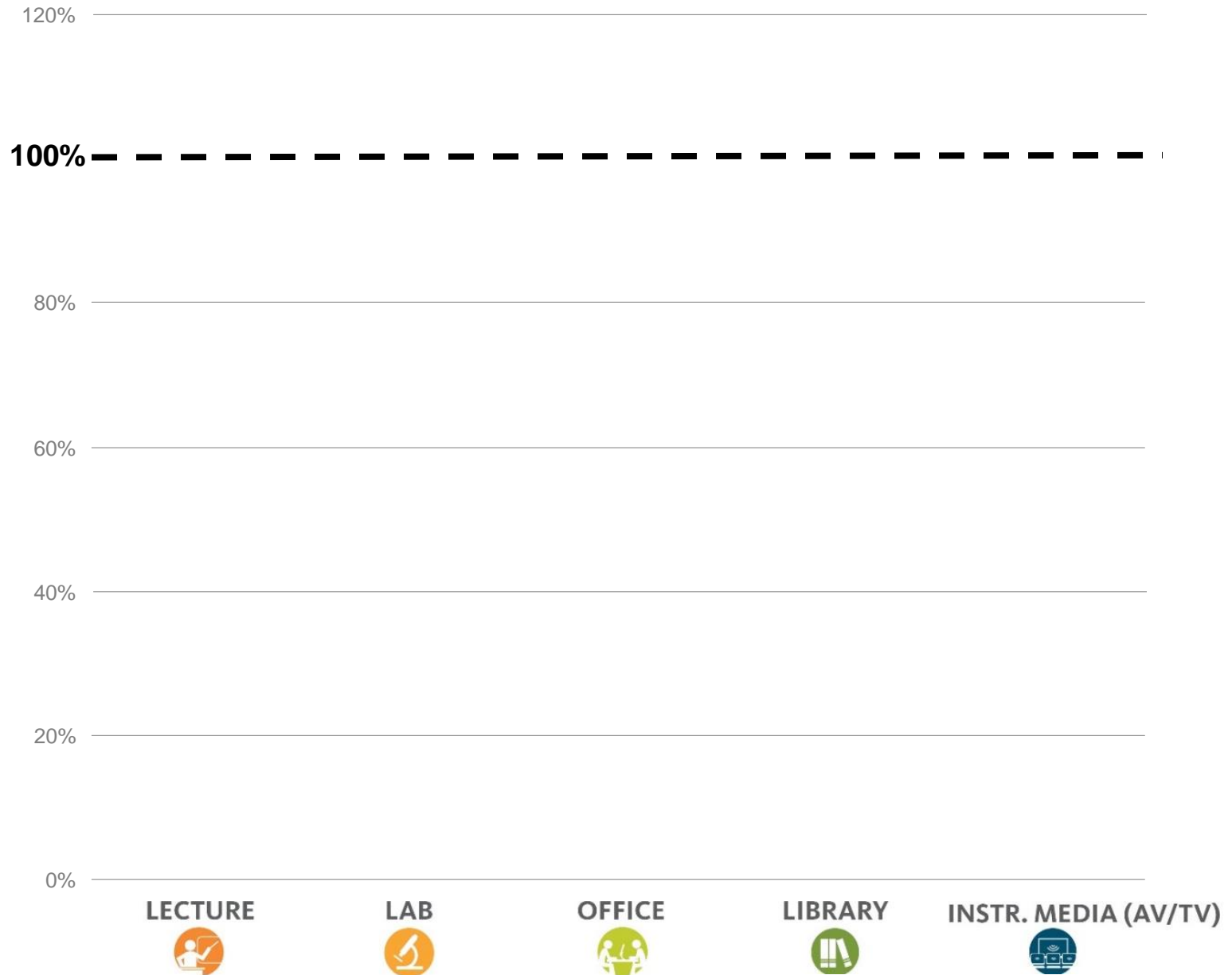


# of seats > # of students  
**over 100%** capacity / load



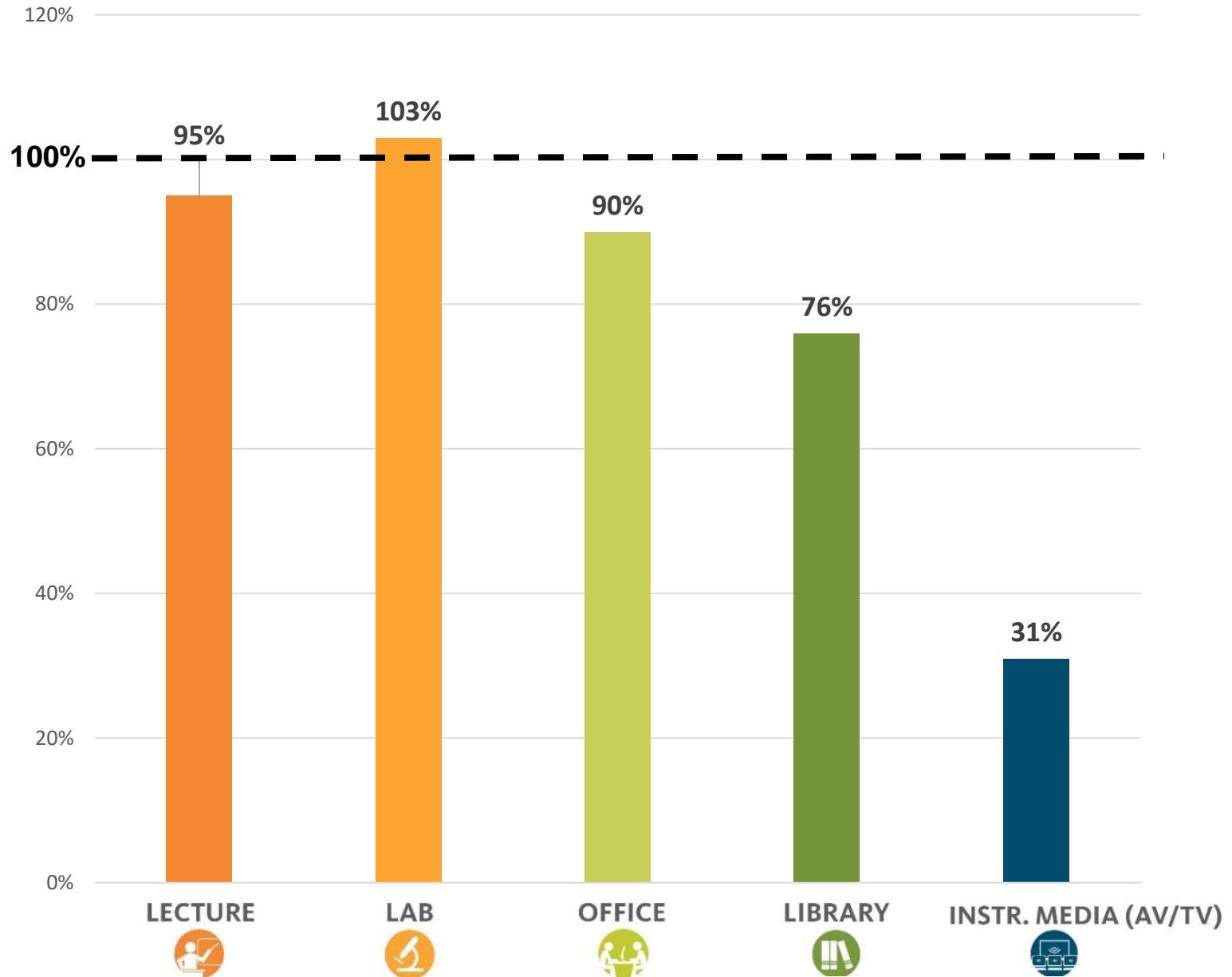
# of seats < # of students  
**under 100%** capacity / load

# CAPACITY LOAD RATIOS



# CAPACITY LOAD RATIOS

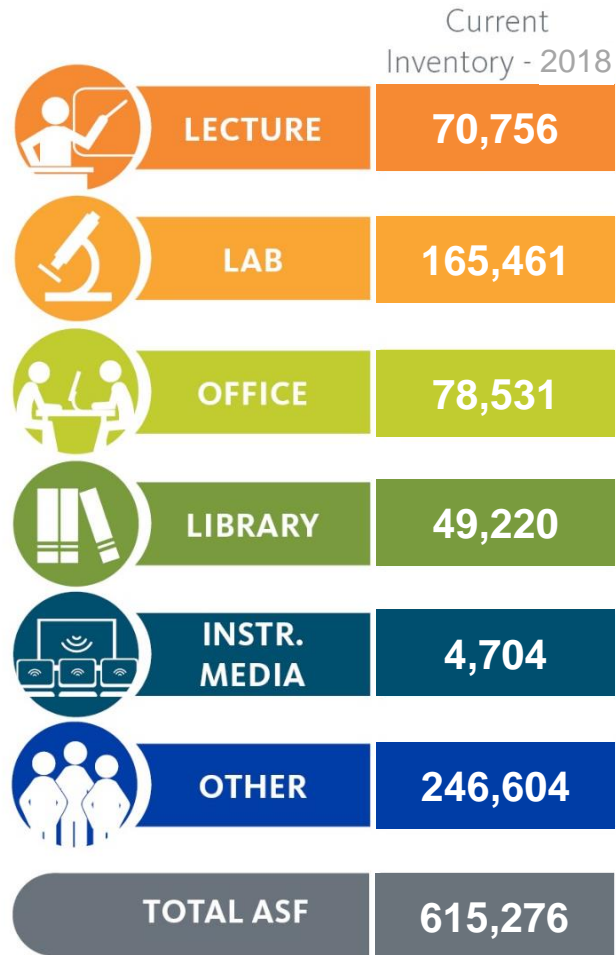
2022 Forecast (Including Health + Wellness and Performing Arts Center)



# SPACE ANALYSIS

## Methodology







Source: Fusion 1; November 12, 2018











# SPACE ANALYSIS

## Methodology

		Current Inventory - 2018	Adjusted Inventory**
	LECTURE	70,756	76,756
	LAB	165,461	174,203
	OFFICE	78,531	79,318
	LIBRARY	49,220	49,935
	INSTR. MEDIA	4,704	4,704
	OTHER	246,604	266,519
	TOTAL ASF	615,276	651,435

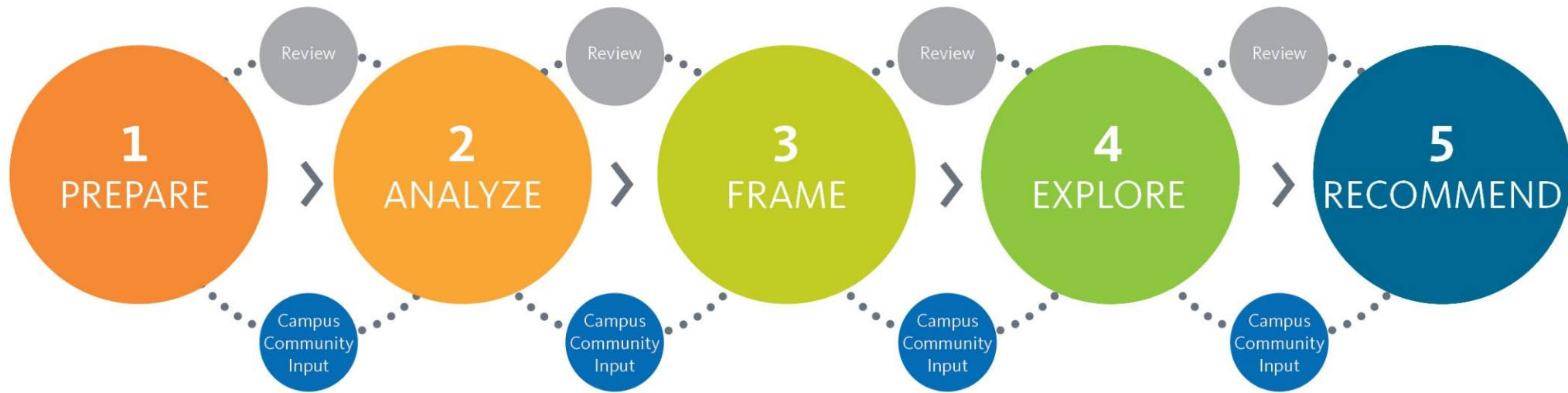
# SPACE ANALYSIS

## Methodology

		Current Inventory - 2018	Adjusted Inventory**	Master Plan Space Program	Difference
	LECTURE	70,756	76,756		
	LAB	165,461	174,203		
	OFFICE	78,531	79,318		
	LIBRARY	49,220	49,935		
	INSTR. MEDIA	4,704	4,704		
	OTHER	246,604	266,519		
	TOTAL ASF	615,276	651,435		

# 4 MODEL

# NEXT STEPS



- ✓ Organize
- ✓ Schedule
- ✓ Vision

- ✓ Collect
- ✓ Assess
- ✓ Document

- ✓ Link
- Forecast
- Quantify

- Develop
- Evaluate
- Strategize

- Share
- Document
- Approve



# NEXT STEPS

SUSTAINABILITY WORKSHOP:

Tues 12/5? (tentative)

NEXT MEETING:

Tues 12/18 10 am-12

pm