

# Clark College

Board of Trustees Work Session Packet

Wednesday, January 25, at 3:30 pm

[Zoom Meeting Link](#)

Meeting ID: 814 6937 0651

Passcode: 858691

Dial in: 1 (253) 215 8782

**Physical Location:**

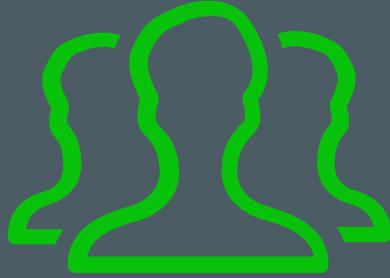
**Gaiser Hall, Room 213**

## Board of Trustee Work Session Packet, January 25, at 3:30 PM

- I. Call to Order/Agenda Review – Chair Speer
  
- II. Clark College Information Technology (IT) Overview (30 minutes)  
Presented by Das Gupta, Interim Vice President of IT, including:
  - Foster Nostrand, Network Manager (Interim)
  - Mike Silva, Client Services Manager (Interim)
  - Alberto Clara Urbina, IT Security - Journey (Interim)
  - Aleksandr Anisimov, IT System Administration
  - Eriko Otsuka, Senior Manager of Applications Services
  
- III. Enrollment Update (30 minutes)  
Presented by Dr. Michele Cruse, Vice President of Student Affairs, and Sabra Sand, Vice President of Operations
  
- IV. Public Comment – Chair Speer  
Public comment will be limited to two minutes each.

# 360 - Degree on ITS





## Get to know your presenters

**Eriko** -10 years at Clark College and also developed the Covid check in stations

**Alex** - 10 years at Clark. Ran the CANVAS team all by himself for more than a year. Currently Cyber Security Student

**Foster** - 7 yrs veteran, interim Network Manager and experienced IT technician.

**Mike** - 20 yrs veteran and a lifelong learner. Currently a Business major student at Clark.

**Alberto**- The Superman who is fighting off the scammers and inturders is also a ex Clark student.



# Cyber Security

## Network and User Security



### Cortex XDR (Antivirus)

46 Alerts (30 days)  
17 Incidents (30 days)



### Phishing blocks

6623 phishing emails (30 days)  
20 malware emails (30 days)



### Identity Management (IdM)

1350 suspicious activity, 1 locked account (30 days)



### Network Access Controls (NAC)

Over 4,000 threats blocked (30 days)  
Over 8,000 threat activity detected (30 days)

# Information Security



## Additional Responsibilities

- College's Security Policy
- Compliance (Federal, State, Industry)
- eDiscovery
- Digital Forensic

# Client Services



## Student Support (TechHUB)

Student Access  
to Support



## Computer Labs

Student  
Computer Resources



## Employee Support

In Person and  
Remote



## IT Projects

Supporting the  
college in a big  
way



## Media Support

Smart  
Classrooms and  
Events

How we support our **COMMUNITY**

# Application Development & Data Services



## Data Services



## Solution Development



## Process Automation



### CtcLink Data Download

Download ctcLink data onto Clark College local databases.



### Data Warehouse

Provide data for data warehouse to **AIR** (Assessment & Institution Research) for data analytics



### Reporting Services

Provide/Support 200+ online reporting services for

# Application Development & Data Services



## Data Services



## Solution Development



## Process Automation



### COVID-19 Health Screening & Building Check-in System

- Health Screening Survey for **employees, students, and guests**
  - Building check-in system with a scanner to collect records for contact tracing
  - My Student Screening Record for Instructors
- Etc.



### Student Employment System

- Student Employment Management tools to streamline the process for **students, Financial Aid/Career Services, Job Supervisors, HR, and Payroll**
  - Track referral status, issues
- Etc.



### Attendance Tracking System

- Attendance tracking tool with a barcode scanner
- Admin user tools for managing events and surveys
- Custom reports
- **29 service areas** utilizes the system for **900+ events**

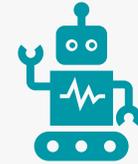
# Application Development & Data Services



Data Services



Solution Development



Process Automation



## Automated Notifications

Notify students/staff about important changes to data or reminders.

### Examples:

- Notify Security and Safety Services of COVID-19 Health Screening Records
- Remind students of incomplete application
- ... and more



## Third-Party Software Data

File upload/download automation to provide data for a third-party software vendor.

### Examples:

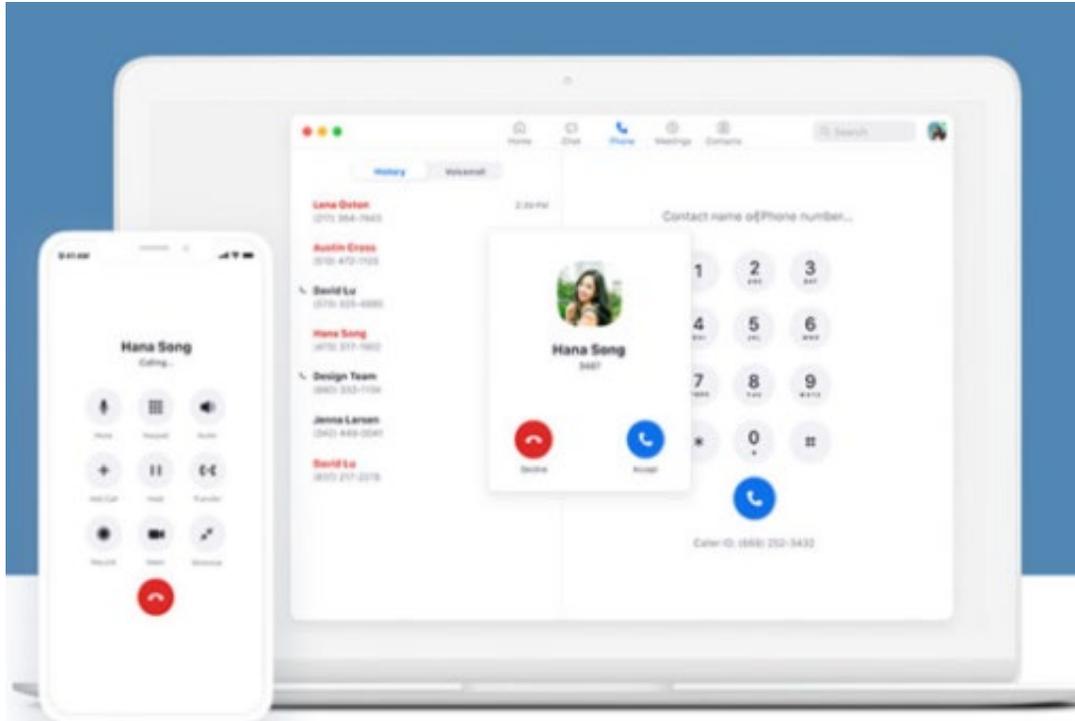
- Student/Employee Data for **RAVE Alert**
- Program/Course Data for **Program Map**
- Course Data for **Online Catalog**
- Employee Data for **Employee Training Site**
- ... and more



# Projects and Progress

Network and User Security

## Zoom Phone Conversion

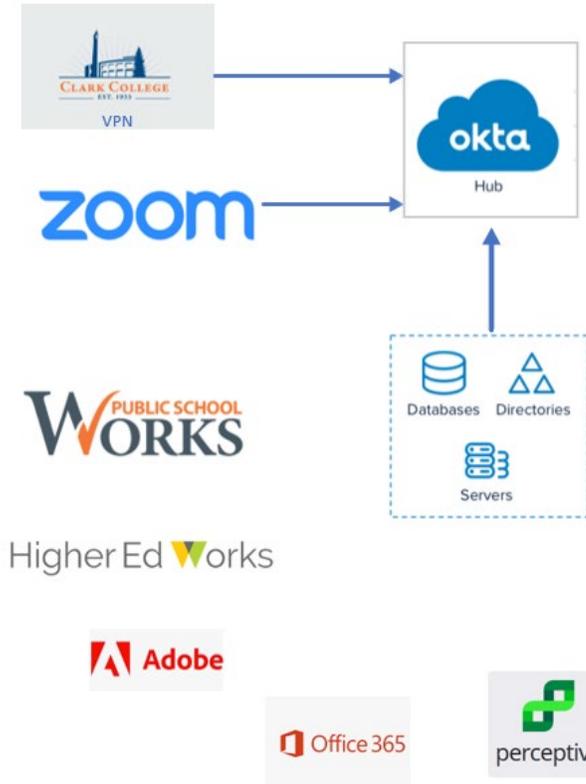


- Phones are now Cloud based
- No on-premise infrastructure
- Accessible via Mobile app & off campus
- Previous solution (Cisco) did not offer a mobile client that passed accessibility test

# Projects and Progress



## Network and User Security



Single point of authentication

Currently in use by Zoom and Clark VPN

Standard for any 3<sup>rd</sup> party app (SaaS) that faculty/staff uses

Soon include Students

1 site to authenticate to with Network password and MFA

Downside: Global problems are now our problems

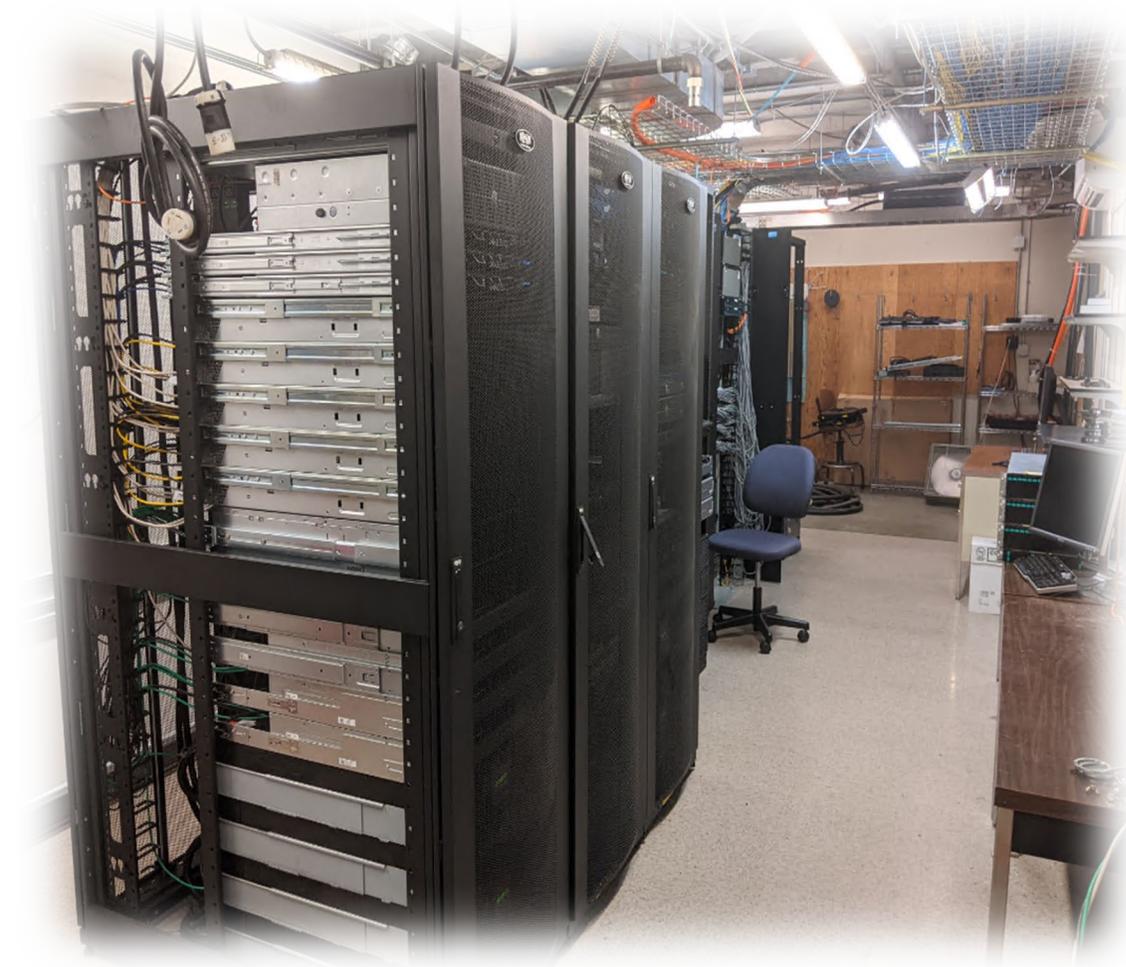
CTC-Link & Canvas uses a different OKTA account

SBCTC project to integrate them.

# Projects and Progress

## Network and User Security

- **85% Network Hardware is EOL**
- **Investments in upgrading campus Wi-Fi**
- **Cloud infrastructure road map – Converting capital expenditures into operational expenses**
- **Rolling out guest user codes for visitors to connect to student Wi-Fi**
- **Boschma Farms Campus – Invest now for adequate services later**



# Learning Management System - Canvas



1

## Data Points -

75,571 Courses

80,194 Course Sections

125,025 Users

981,189 Individual Enrollments – Faculty & Students

2

## Spring 2022 -

We started to prepare all of our users to authenticate through single platform using ctcLink credentials. 86,000+ user account were processed to prepare them for single Sign-On OKTA.

3

## Fall 2022 -

All Canvas users started to authenticate to Canvas using SBCTC OKTA and ctcLink.

4

## 2022 - Highest Uptime

More stable and less downtimes than old LDAP. authentication. Less password reset problems.

# LTI's – Learning Tools Interoperability

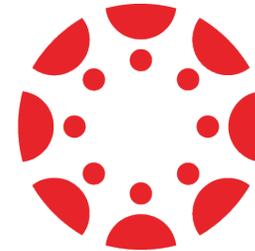


These are the tools that are connected around Canvas and work to Improve Student Learning and Faculty's teaching abilities.

Sometimes these tools are working in the background seamlessly processing data back and forth to Canvas and between each other without users even noticing.

## There are over 25 LTI's Integrated in Canvas

- Adobe Creative Cloud
- ALEKS-Math
- Ally
- Atomic Search
- Cengage Learning
- Cerego
- ChemType c
- CK-12
- Electude
- Evaluation KIT
- FDDA Course Materials
- Knewton Alta
- Macmillan Learning
- McGraw Hill Connect
- Pearson My Lab
- Pearson Revel
- Panopto
- Google Apps
- Respondus
- SoftChalk
- Unicheck
- VitalSource
- W.W. Norton
- WAMAP
- WIRIS
- Zoom



# CANVAS

BY INSTRUCTURE  
BY INSTRUCTURE

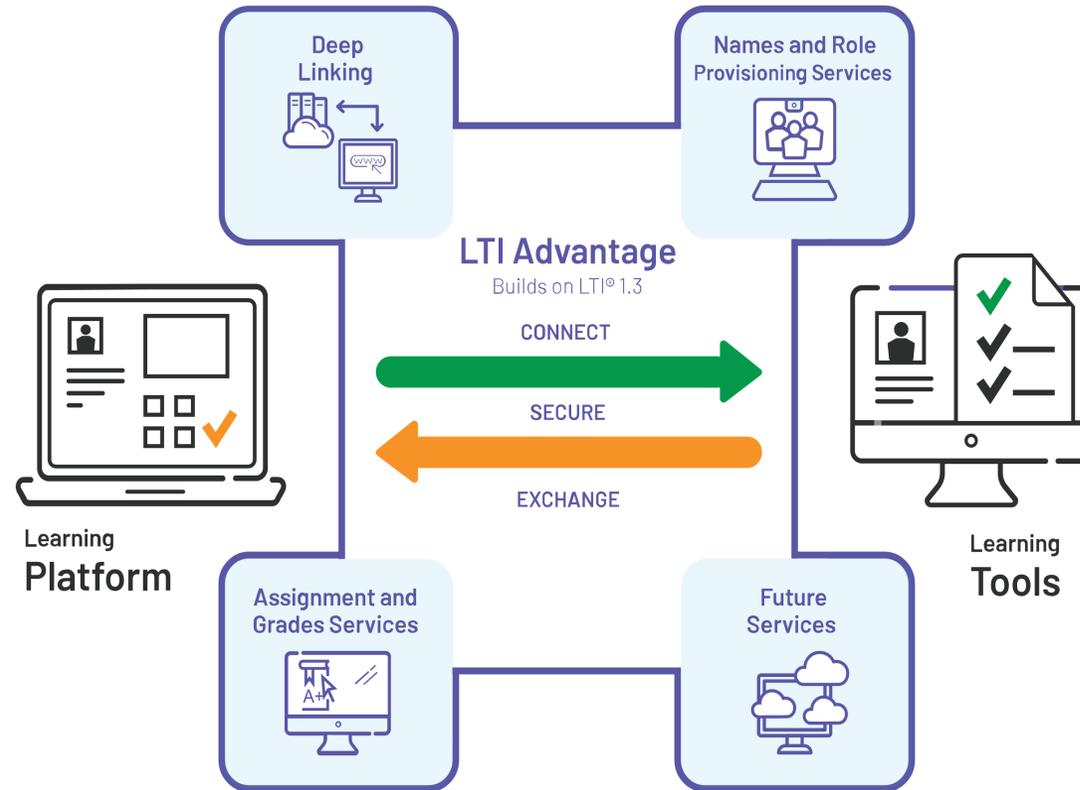


Faded red text, a reflection of the Canvas logo.

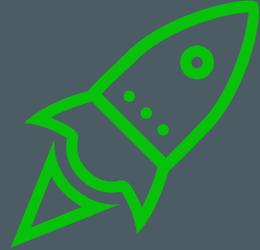
# Academic Technology Roadmap

Improve Security and integration by updating to LTI 1.3 as they become available from our vendors, and to run by IMS Global standards

Create a unified Resources platform of most common workflows for Faculty, Staff and Students, so they will be able to access information they need with a simple search.



QUESTIONS?



THANK

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YOU

# Clark College Enrollment Update and Budget Impact

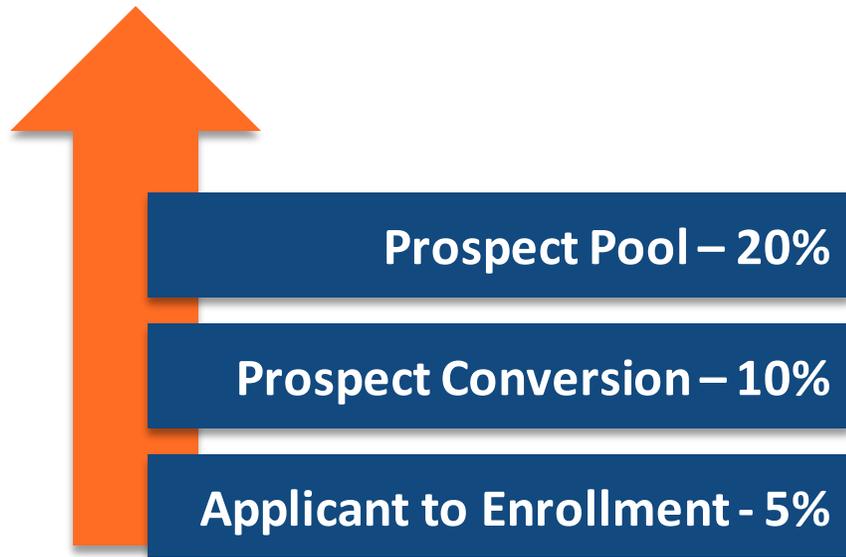


Dr. Michele Cruse, VP Student Affairs  
Sabra Sand, VP Operations  
January 2023



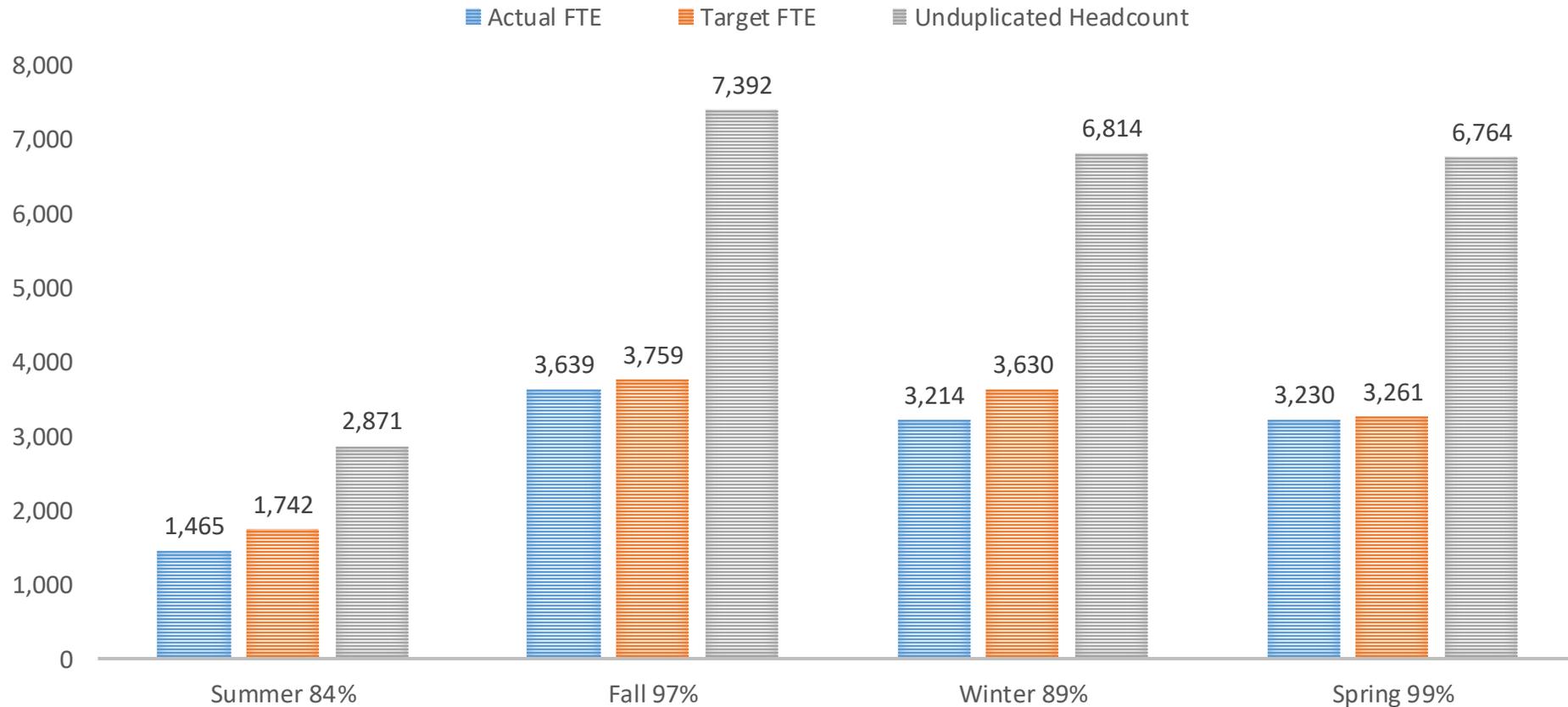
# Stabilize & Increase Enrollment by 5%

By 2024, increase prospect pool by 20%, increase conversion from prospect to applicant by 10%, increase applicant to enroll students by 5%, and experience flat enrollment.



# Stabilize & Increase Enrollment by 5%

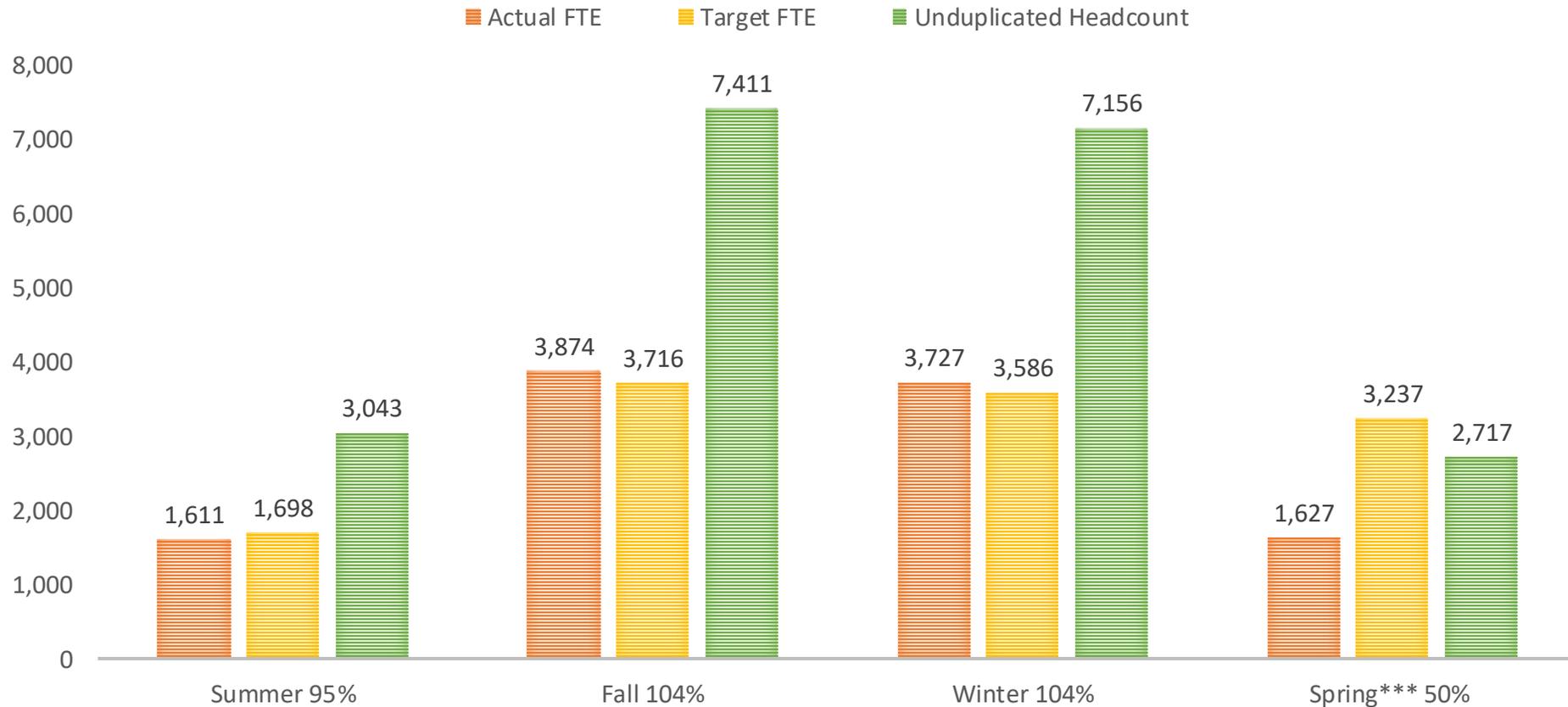
## ACADEMIC YEAR BY QUARTER 2021-2022



DATA SOURCE: State Board for Community and Technical Colleges (SBCTC) Enrollment Data Dashboard. Does not include BAS or R/S

# Stabilize & Increase Enrollment by 5%

## ACADEMIC YEAR BY QUARTER 2022-2023



DATA SOURCE: State Board for Community and Technical Colleges (SBCTC) Enrollment Data Dashboard. Does not include BAS or R/S

\*\*\* SPRING DATA IN PROGRESS FOR 2023

# Enrollment Funnel/Application Data – Fall 21

Race*	New Applicants Fall 2021	Yield Rate		Returning Applicants Fall 2021	Yield Rate
Asian	398	<b>53%</b>		65	<b>52%</b>
Black	261	<b>36%</b>		56	<b>25%</b>
Latinx	759	42%		134	34%
Native American	120	43%		53	43%
Pacific Islander	121	44%		21	29%
White	3,248	52%		751	46%

DATA SOURCE Fall 2021 enrollment, Clark College Local, \*Students are counted once in every category they identified with.

# Enrollment Funnel/Application Data – Fall 22

Race*	New Applicants Fall 2022	Yield Rate		Returning Applicants Fall 2022	Yield Rate
Asian	472	<b>52%</b>		73	<b>49%</b>
Black	349	34%		57	42%
Latinx	951	37%		169	43%
Native American	119	32%		30	<b>17%</b>
Pacific Islander	120	<b>30%</b>		19	42%
White	3,315	45%		712	42%

DATA SOURCE Fall 2022 enrollment, Clark College Local, \*Students are counted once in every category they identified with.

# Enrollment Funnel/Application Data – Fall 21

Age	New Applicants Fall 2021	Yield Rate	Returning Applicants Fall 2021	Yield Rate
Under 19, No High School Diploma	1,270	<b>75%</b>	6	<b>100%</b>
Under 19, with High School Diploma	1,100	51%	29	52%
19 to 24	951	34%	332	52%
25 to 44	769	<b>27%</b>	458	39%
45+	183	28%	92	<b>32%</b>

DATA SOURCE Fall 2021 enrollment, Clark College Local

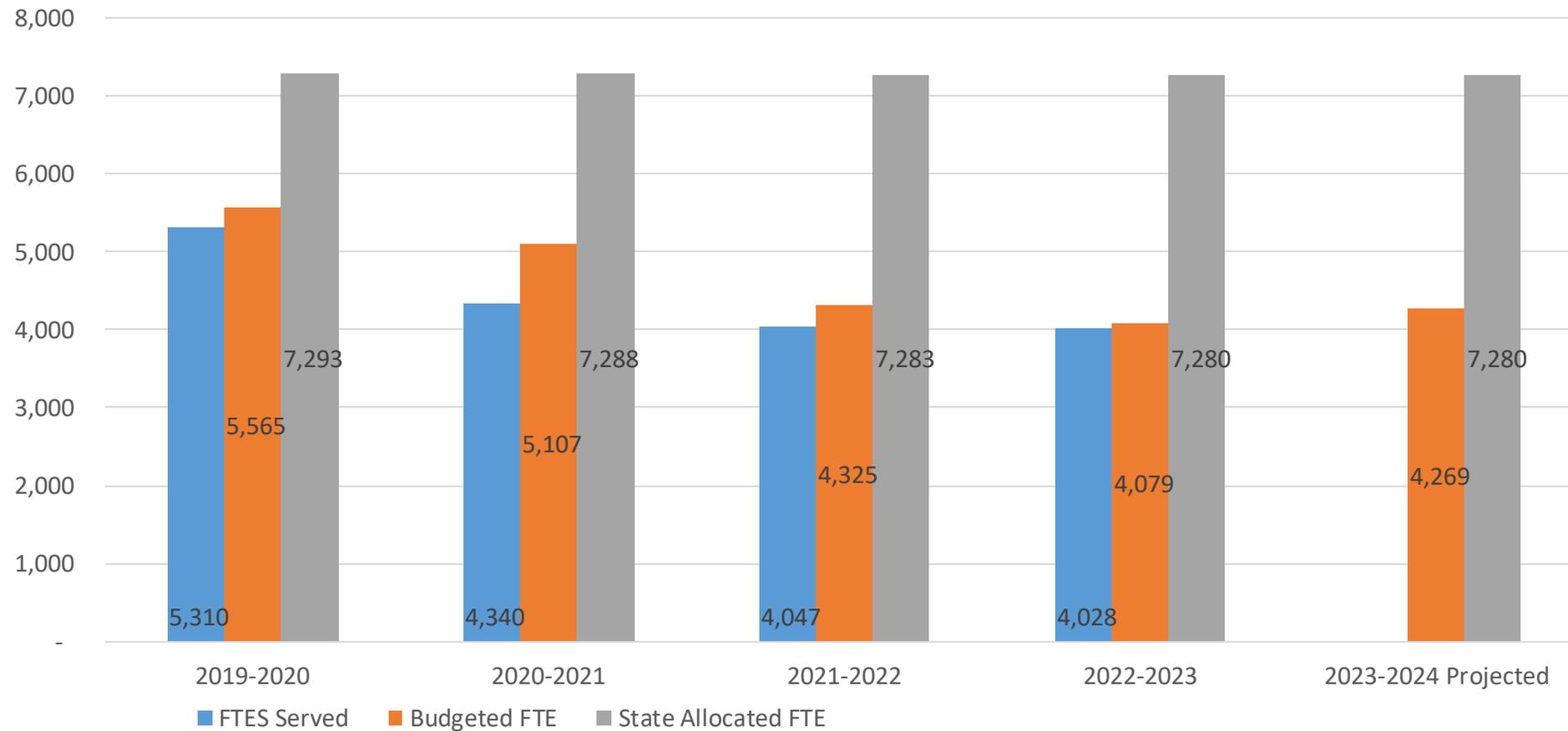
# Enrollment Funnel/Application Data – Fall 22

Age	New Applicants Fall 2022	Yield Rate	Returning Applicants Fall 2022	Yield Rate
Under 19, No High School Diploma	1,218	<b>69%</b>	7	<b>86%</b>
Under 19, with High School Diploma	1,275	40%	48	58%
19 to 24	966	35%	337	48%
25 to 44	938	27%	404	35%
45+	225	<b>25%</b>	107	<b>27%</b>

DATA SOURCE Fall 2022 enrollment, Clark College Local

# Annualized State FTE Enrollment

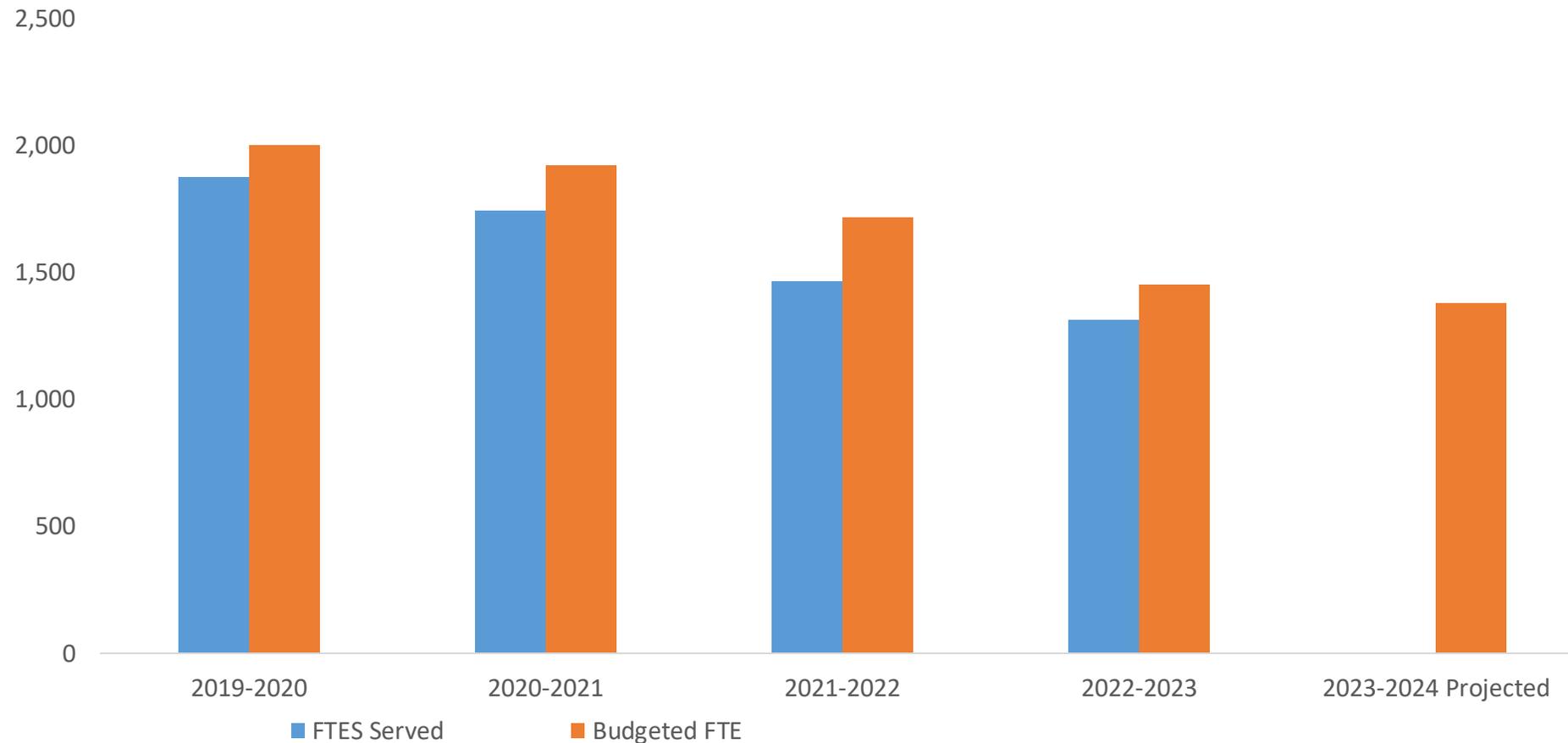
Annual State Funded FTE Goals Compared to Actual Enrollment Total



DATA SOURCE: State Board for Community and Technical Colleges (SBCTC) Enrollment Data Dashboard. Does not include BAS or R/S  
 \*\*\* SPRING DATA IN PROGRESS FOR 2023

# Annualized Running Start FTE Enrollment

Annual State Funded FTE Goals Compared to Actual Enrollment Total



DATA SOURCE: State Board for Community and Technical Colleges (SBCTC) Enrollment Data Dashboard.

\*\*\* SPRING DATA IN PROGRESS FOR 2023

# Annualized State FTE Budget to Actual

Budget Year	Budget	Actual	Difference
2019-20	\$17,051,335	\$15,943,476	\$(1,107,859)
2020-21	15,777,200	15,336,254	(440,946)
2021-22	14,337,358	13,741,953	(595,405)
2022-23 (estimated)	14,440,602	14,152,157	(288,445)
2023-24 (projected)	14,820,411		

Budget Year	CARES Funding/Fund Balance Backfill Built into Budget
2021-22	\$1,834,272
2022-23	\$2,161,495

# Annualized Running Start FTE Budget to Actual

Budget Year	Budget	Actual	Difference
2019-20	\$14,736,243	\$14,786,210	\$49,967
2020-21	14,467,068	13,599,061	(868,007)
2021-22	13,189,641	11,563,051	(1,625,590)
2022-23 (estimated)	11,938,860	11,237,043	(701,817)
2023-24 (projected)	11,323,455		

Budget Year	CARES Funding/Fund Balance Backfill Built into Budget
2021-22	\$1,824,789
2022-23	\$4,206,641

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## Next Steps/Questions

- Use a data to inform, shape, and assess our CWSEM & GP strategies
  - Finalizing Strategic Plan – developing KPI's, aligning institutional planning and budget
  - Exploring & Implementing Best Practices re: RS, HUSOC, Adult Re-engagement
  - Focused efforts to support retention & student success outcomes
  - Use revenue projections and enrollment data to begin to build 2023-24 Budget
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