

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

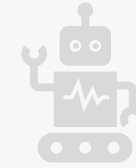
Application Development & Data Services



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

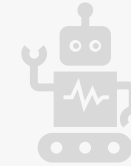
Application Development & Data Services



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**

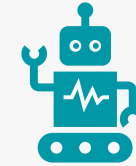
Application Development & Data Services



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

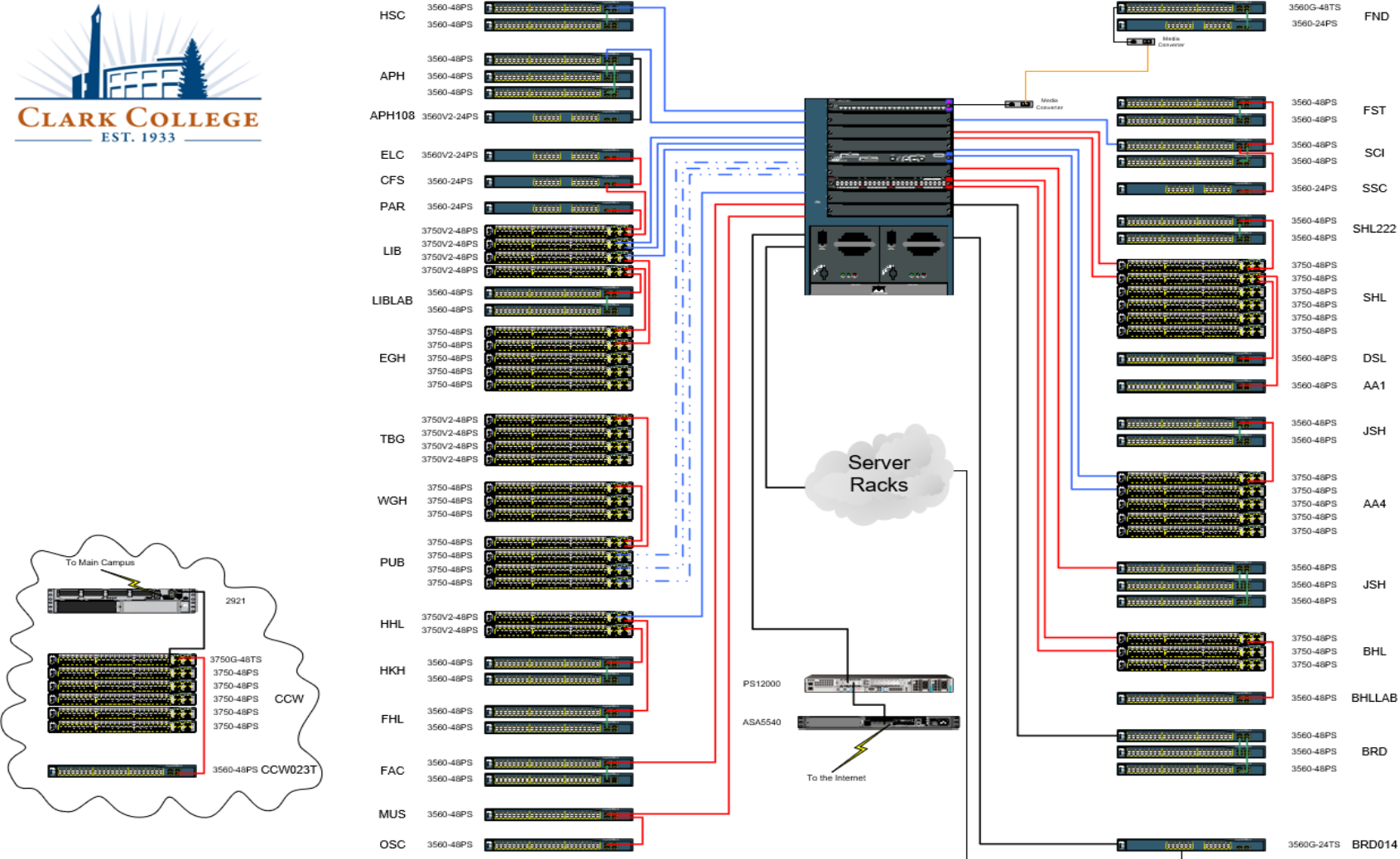
File upload/download automation to provide data for a third-party software vendor.

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

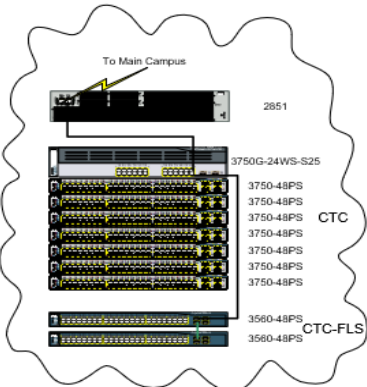
Network And Infrastructure

Maintain Servers, Switches, Routers, Wireless Connectivity, and connectivity between campuses and the Internet



- 108 Network appliances
- 106 Servers (physical and virtual)
- 174 Wireless Access Points
- All Network and telephone wiring

3 FTE Positions
Down from 6 (2017)

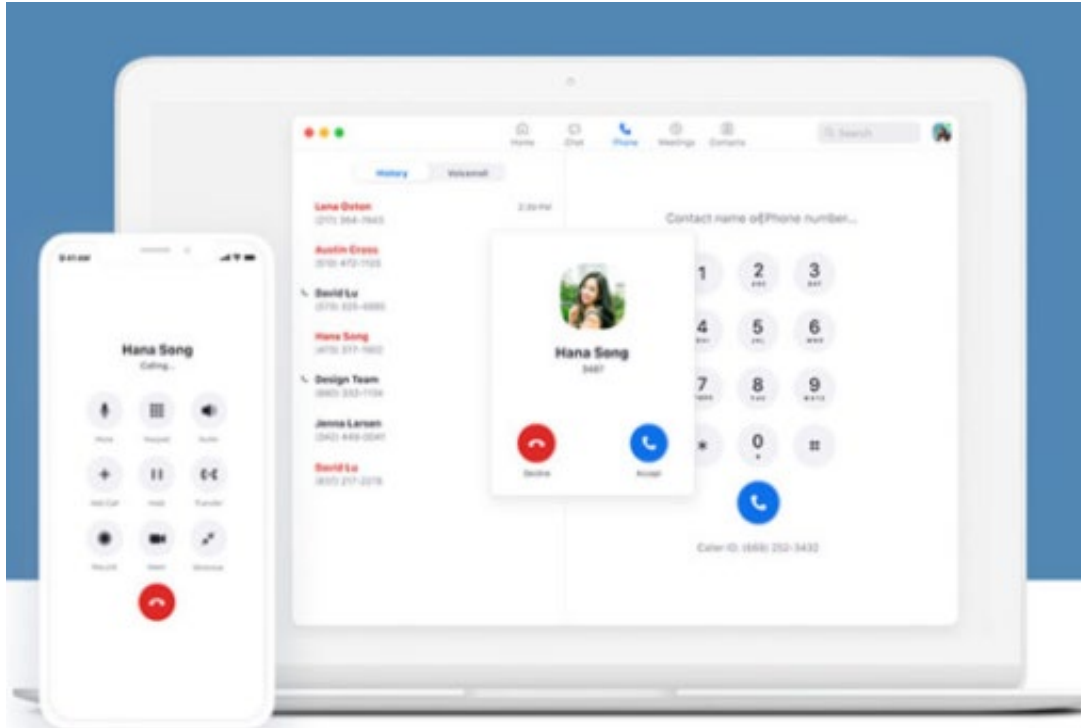


Projects and Progress

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



okta

Single point of authentication

Currently in use by Zoom and Clark VPN

Standard for any 3rd 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.

Google

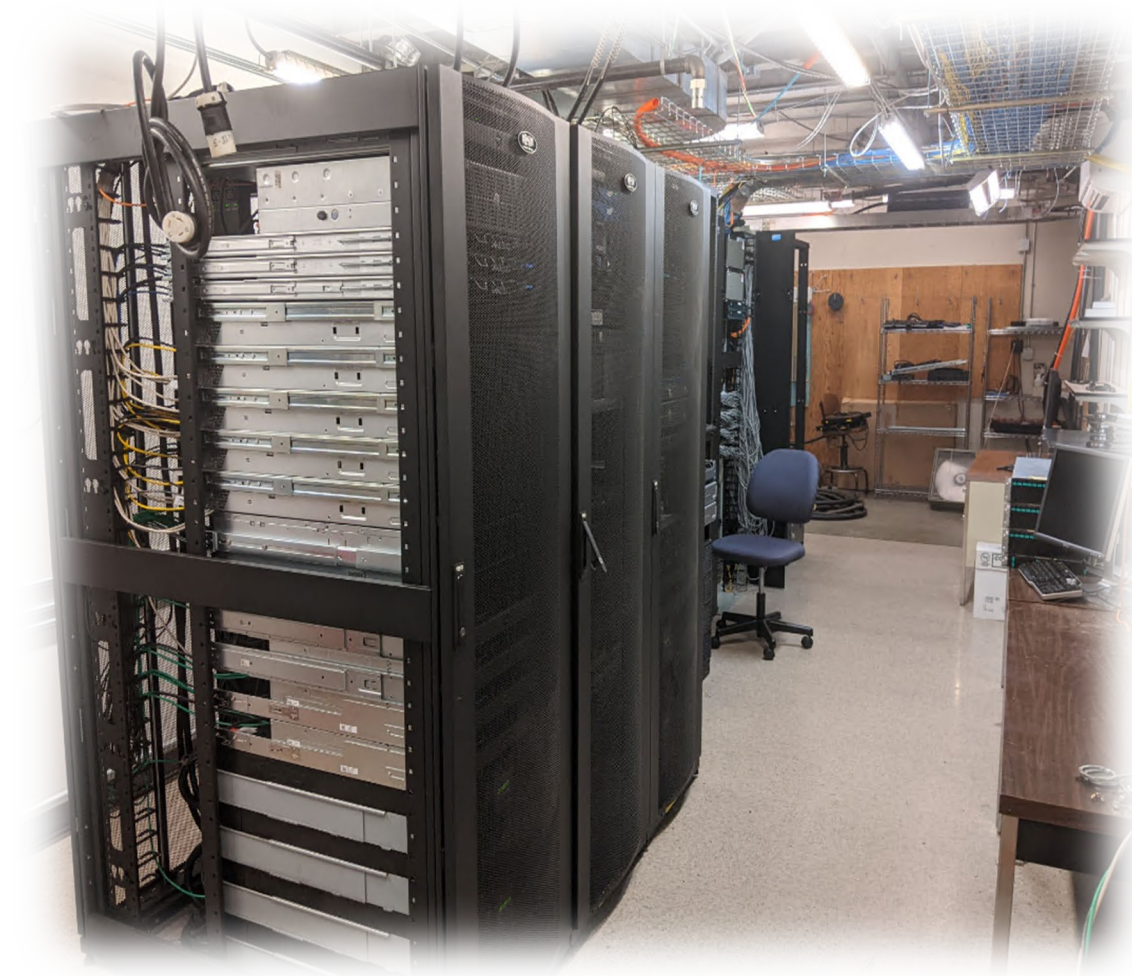
COURSELEAF

myDSS

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

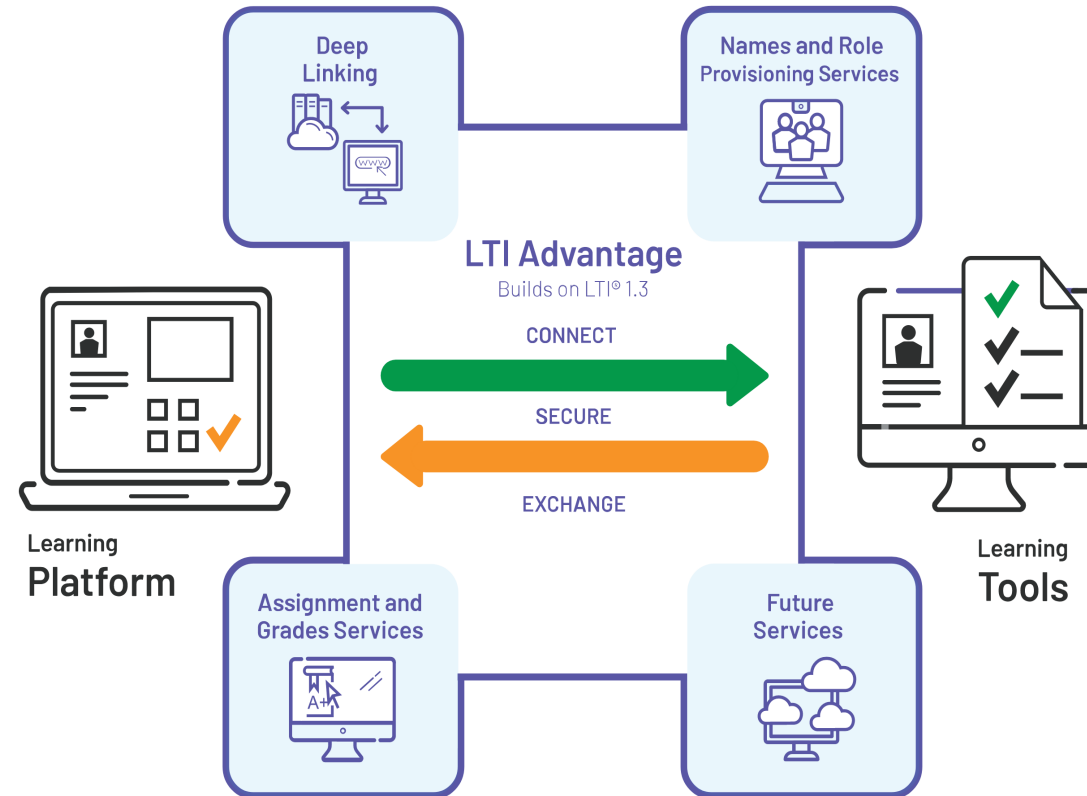
- Adobe Creative Cloud
- ALEKS-Math
- Ally
- Atomic Search
- Cengage Learning
- Cerego
- ChemType c
- CK-12
- Electude
- Evaluation KIT
- FDDA Course Materials
- Knewton Alta
- Macmillan Learning
- McGraw Hill Connect
- Pearson My Lab
- Pearson Revel
- Panopto
- Google Apps
- Respondus
- SoftChalk
-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



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

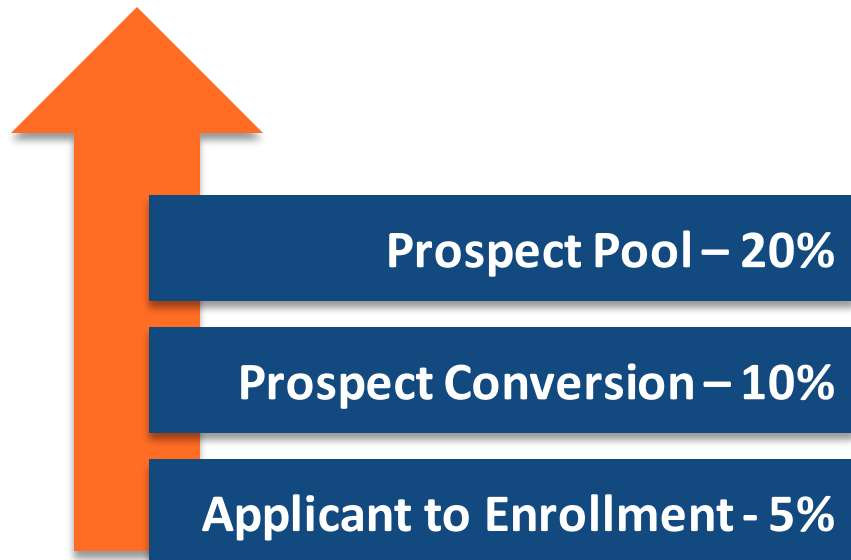
YOU

Clark College Enrollment Update and Budget Impact

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

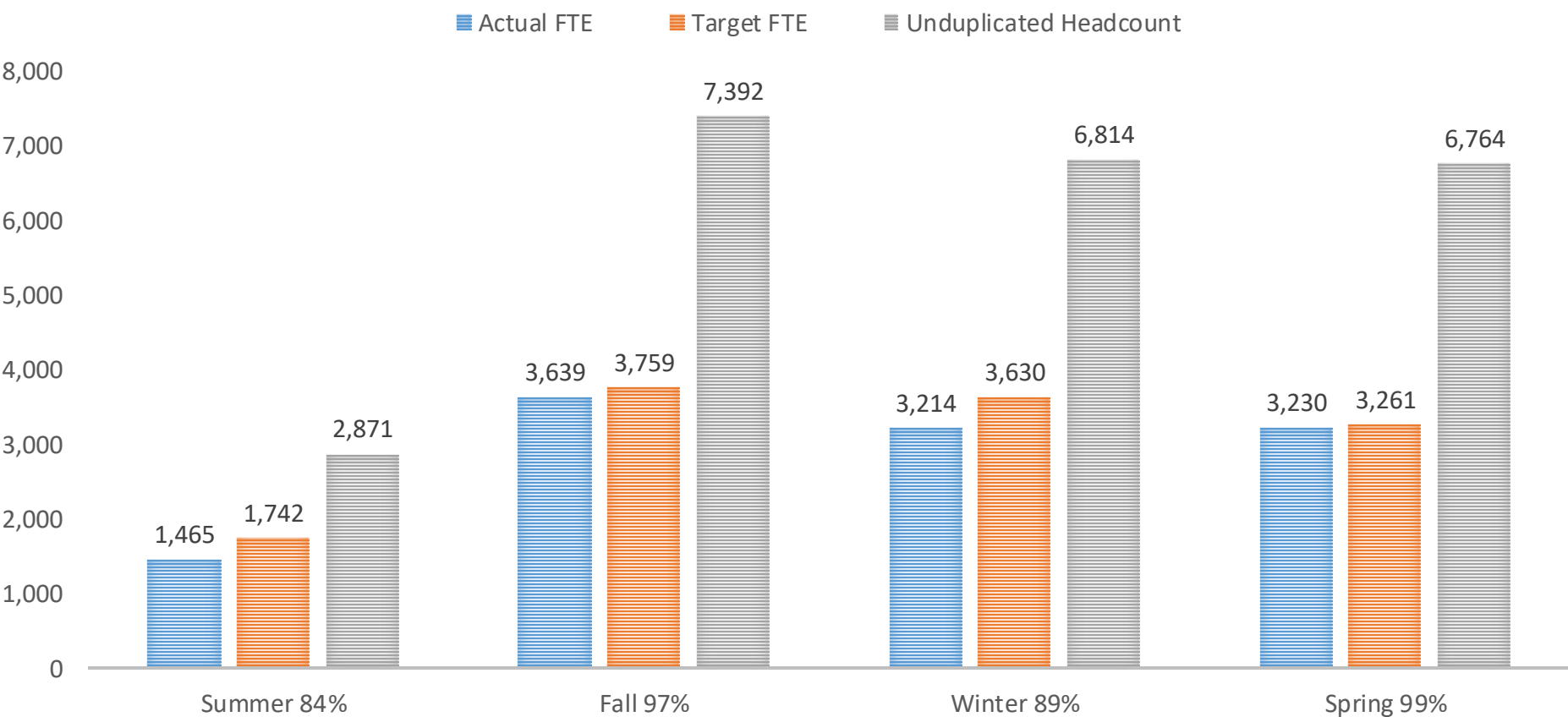
Stabilize & Increase Enrollment by 5%

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%

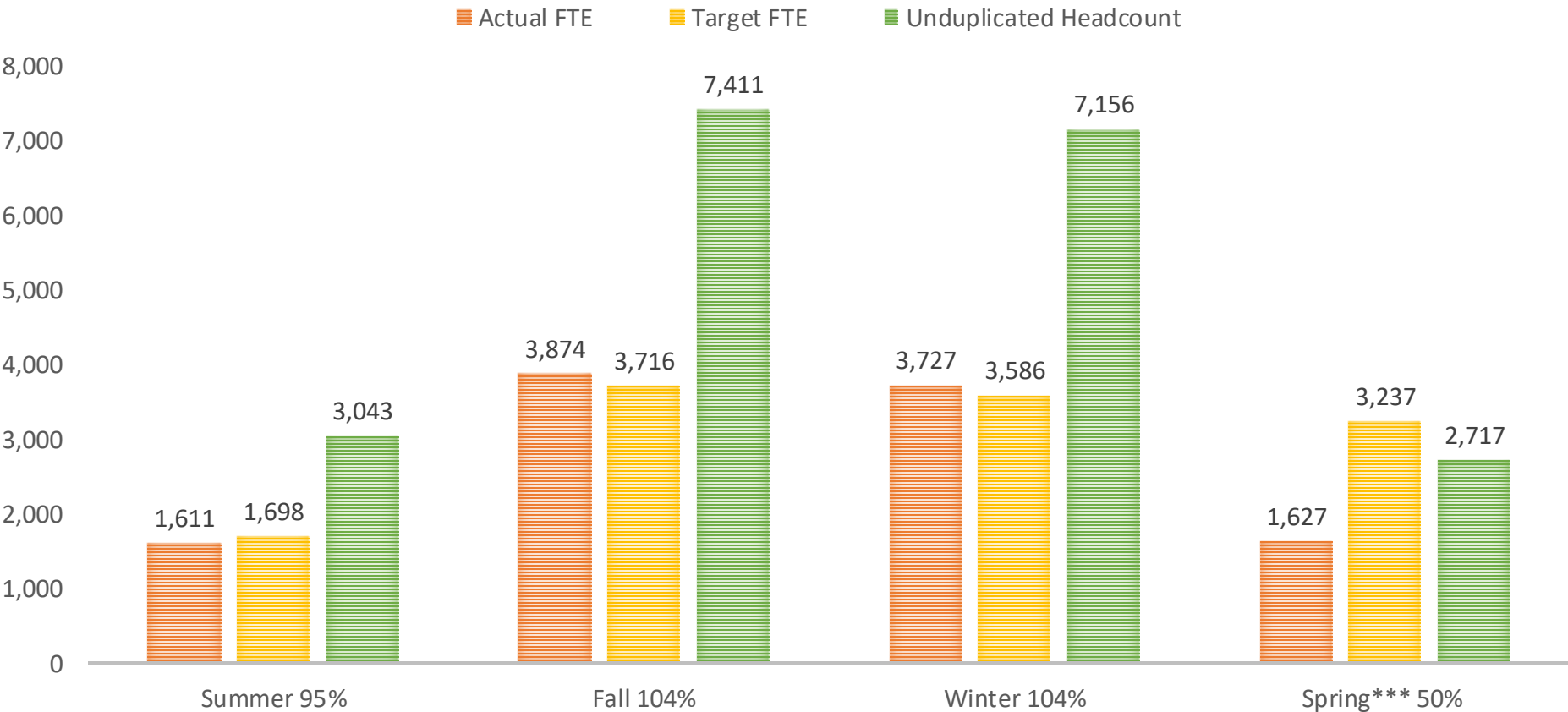
ACADEMIC YEAR BY QUARTER 2021-2022



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 | 53% | | 65 | 52% |
| Black | 261 | 36% | | 56 | 25% |
| 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 | 52% | | 73 | 49% |
| Black | 349 | 34% | | 57 | 42% |
| Latinx | 951 | 37% | | 169 | 43% |
| Native American | 119 | 32% | | 30 | 17% |
| Pacific Islander | 120 | 30% | | 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 | 75% | 6 | 100% |
| | | | | |
| Under 19, with High School Diploma | 1,100 | 51% | 29 | 52% |
| | | | | |
| 19 to 24 | 951 | 34% | 332 | 52% |
| 25 to 44 | 769 | 27% | 458 | 39% |
| 45+ | 183 | 28% | 92 | 32% |

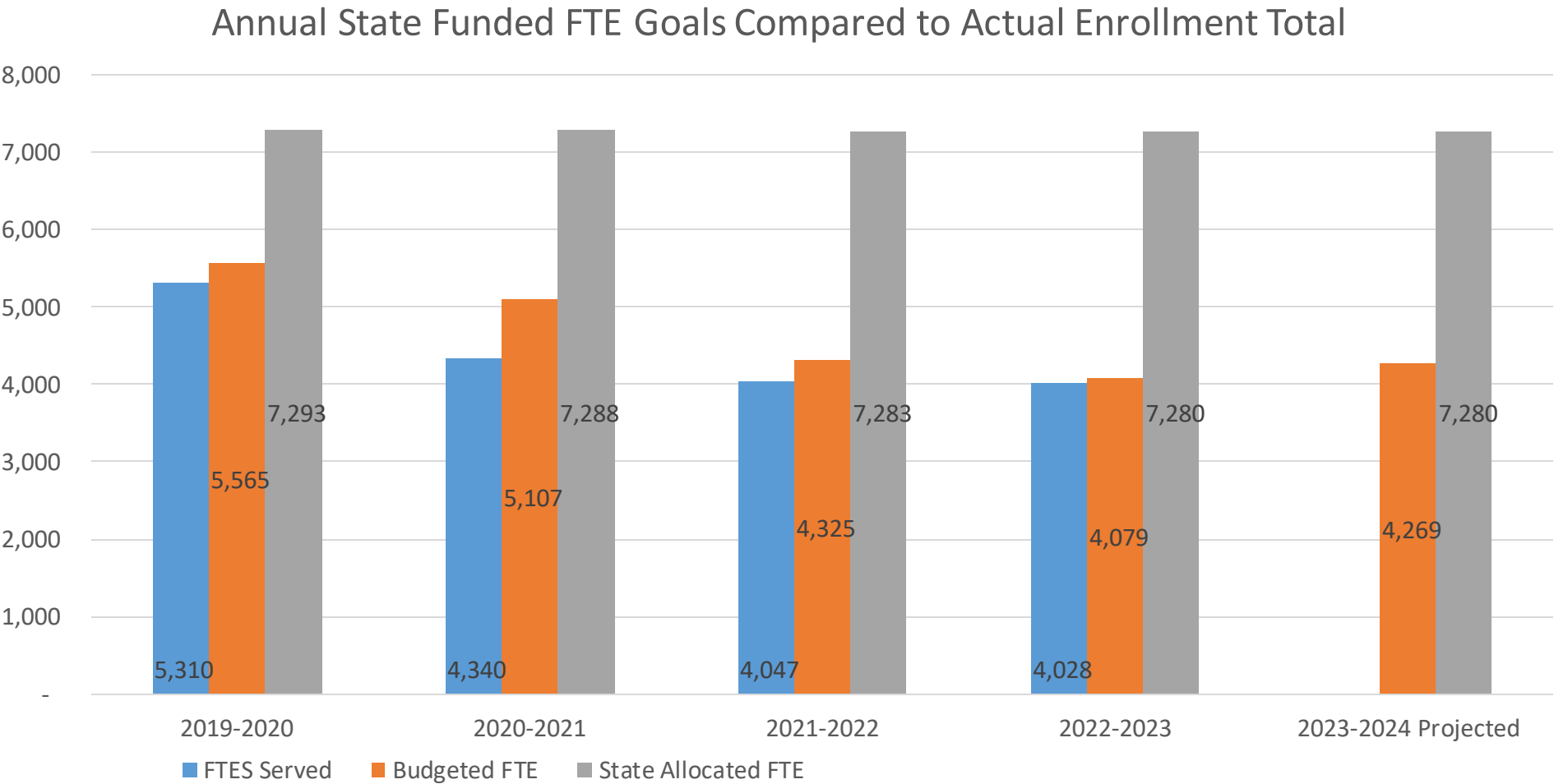
DATA SOURCE Fall 2021 enrollment, Clark College Local

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 | 69% | 7 | 86% |
| | | | | |
| 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 | 25% | 107 | 27% |

DATA SOURCE Fall 2022 enrollment, Clark College Local

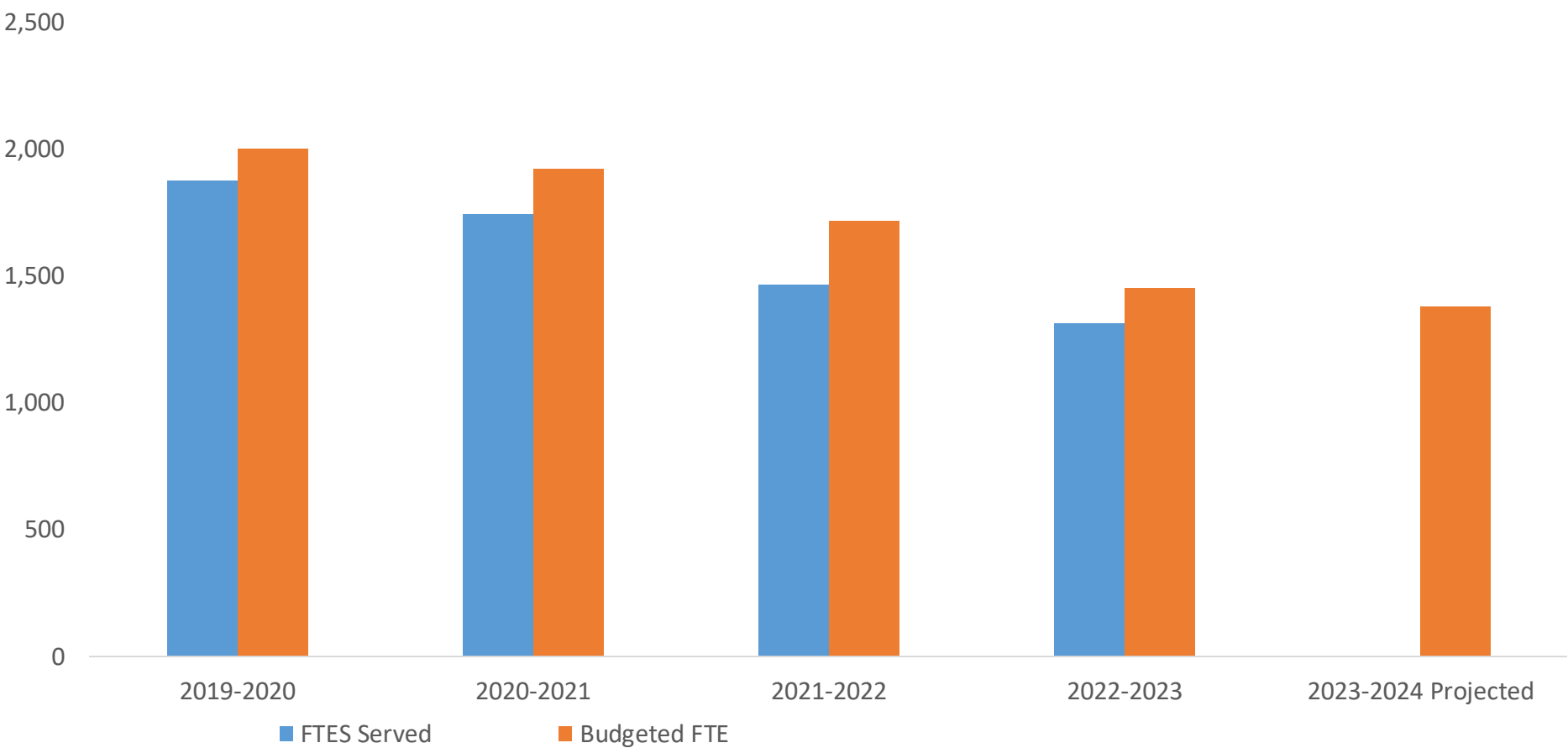
Annualized State FTE Enrollment



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 |

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