

Student Data Overview

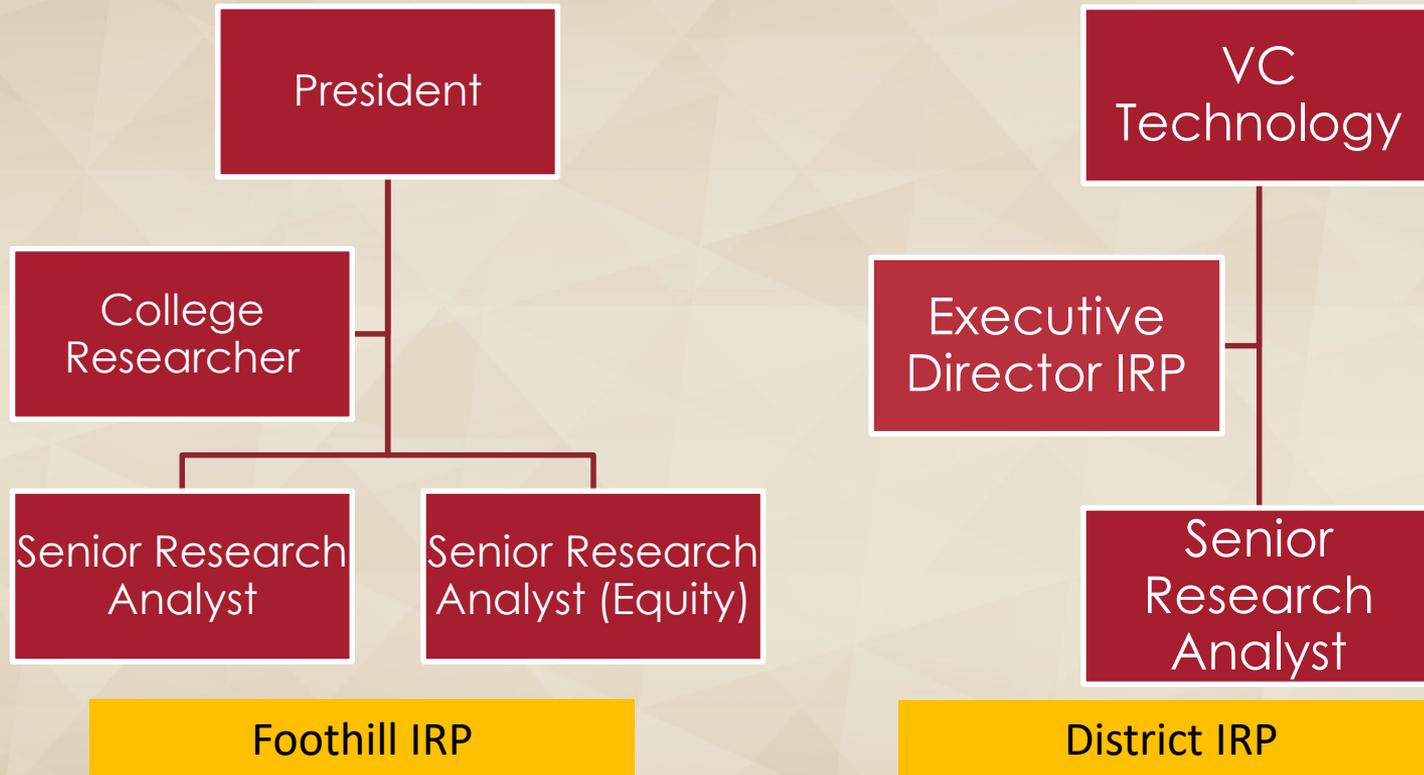
Workforce Retreat

February 2, 2024

Learning Outcomes

- What is Institutional Research and Planning?
- What is data?
- What does the data show about Foothill students?
- Where do students with a workforce focus show up in the data?

We are Institutional Research & Planning



Data: What is it?

- Numbers, Text, Multimedia
- Measured, Observed
- Brought together as a collection

Data: What is it?

- Varies depending on your question
- Impact of wildfires on college enrollment
 - Images, satellite maps, student addresses
- Graduation rates among STEM students
 - Number of graduates, time to degree

Data is not....

- Information
 - How we understand the data
 - A result of data analysis and interpretation
- On its own, data does not have meaning

Data: Why do we care?

- Helps identify categories, patterns, and trends
- Informs efforts to solve/improve
- Understand behavior
- Documents our work
- Ultimately, we want to answer a question or tell a story

Why do we look at data?

- Support students toward their educational goal(s) attainment
- Create an environment that supports students for as long as they need or want to be at Foothill

Data: What do you wonder?

- What data are available?
- How do I access these data?

College Data Source: Precision Campus

STEP 3:
Select “Program Review”

STEP 1:
In MyPortal, find “Student Success Analytics” tile

FOOTHILL-DE ANZA
Community College District

← Back

Student Success Analytics

FHDA Resources

- Faculty Inquiry Tool
- Precision Campus**
- FHDA Factbook

External Resources

- CCCCO Data Mart
- CCCCO Scorecard
- CTE Launchboard
- IPEDS
- CCCCO Student Success Metrics

STEP 2:
Select “Precision Campus”

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Program Review

Student Equity

Enrollment Trends

Scheduling

CAEP

FHDA IRP

Data collection for programs completing an annual or comprehensive program review

PROGRAM REVIEW

- Program Review Data Sheet
- Degrees and Certificates
- Program Review Templates

EQUITY

- Course Success with Disproportionate Impact (credit)
- Course Success with Disproportionate Impact (credit and non-credit)

Additional resources may be found by clicking [here](#)

STEP 4:
Select “Program Review Data Sheet” or “Degrees and Certificates”

College Level Data Sources

- Institutional Research & Planning website
- Student Achievement Data Sources

FOOTHILL COLLEGE About Us Career & Academic Pathways Apply & Register Costs & Financial Aid Counseling & Student Services

Institutional Research and Planning

Home > Institutional Research and Planning > Student Achievement Data

INSTITUTIONAL RESEARCH AND PLANNING

- IRP Home
- Contact Us
- Research Requests
- Completed Requests
- Presentations
- Course Success, Retention, Equity Dashboard

STUDENT ACHIEVEMENT DATA

- Student Success Dashboards
- Dashboards Glossary
- Ethnicity Methodology
- Frequently Asked Questions

Student Achievement Data

Foothill College is committed to creating a campus community where success is not predictable by race. The institution's efforts toward this goal is informed by ongoing and continuous measurement of student achievement. These data are tracked over time, providing benchmarks year-to-year of institutional effectiveness. Internal and external data comparisons also support the multiple and varied ways the college strives toward this goal, where institutional policies and practices are not barriers to student achievement.

Below are some of the data used in these analyses for continuous improvement.

- Foothill College Fast Facts
- Foothill Institutional Metrics
- Foothill Course Success, Retention, Equity
- Foothill ACCJC Annual Reports (Institutional Set Standards)
- Foothill Demographic Fact Sheet (credit)
- Student Success Metrics
- Student Success Metrics Cohort View
- Transfer-Level Gateway Completion
- Strong Workforce Program
- Perkins Core Indicator Reports
- CTE Outcomes Survey (credit)
- CTE Outcomes Survey (non credit)
- Federal Scorecard

State Level Data Sources

- CCC Launchboard dashboards
 - Student Success Metrics
 - Community College Pipeline
 - Adult Education Pipeline
 - Strong Workforce Program

The screenshot displays the CCC Launchboard website interface. At the top, there is a navigation bar with the text "Launchboard Home". Below this, a blue button reads "Click Here for Alerts from 6-29-23". The main header features the California Community Colleges logo and the text "LaunchBoard". A paragraph of text explains that the Launchboard is a statewide data system supported by the California Community Colleges Chancellor's Office and hosted by CalAWSS Plus, providing data on progress, success, employment, and earnings outcomes for California community college students. It includes a link to "Find out more about the Launchboard dashboards here" and an email address "launchboard@cccoco.edu".

The main content area is divided into three sections, each with a "Explore" button:

- Student Success Metrics:** Features the California Community Colleges logo and the text "Student Success Metrics". Below this is the "Student Success Metrics Dashboard" description: "View student progression along various educational journeys, from recruitment to completion, transfer, and the workforce."
- Community College Pipeline:** Includes a line graph showing an upward trend. The description reads: "Community college offerings, student characteristics, retention, completion, and employment outcomes to support program review and planning."
- Adult Education Pipeline:** Features the "CALIFORNIA ADULT EDUCATION" logo. The description states: "Comprehensive, multi-level data on student demographics, enrollment, outcomes, types of services received, and employment using new adult education data and accountability metrics."

State Level Data Sources

- CCCCO Data Mart
- MIS data
- State level data
- District/College level data
- Program level data

The screenshot shows the homepage of the California Community Colleges Chancellor's Office Management Information Systems Data Mart. The page features a blue header with the CCA.GOV logo and navigation links for Home, Students, Courses, Student Services, Outcomes, and Faculty & Staff. The main content area is divided into three columns: Students/Headcounts, Student Services, and Outcomes. Each column contains a list of reports and their descriptions. Below the main content, there is a section for 'ABOUT CHANCELLOR'S OFFICE' and 'Other Educational Links'.

California Community Colleges Chancellor's Office
Management Information Systems Data Mart

Home | Students | Courses | Student Services | Outcomes | Faculty & Staff

- Students/Headcounts**
Reports showing student counts, with demographic breakouts if desired, by:
 - Annual Term Student Count
 - Enrollment Status
 - Day/Evening Status
 - Full-time/Part-time Status
 - Citizenship Status
 - Education Status
 - Full-time Equivalent Student (FTES) Counts
 - Distance Education (DE) Full-time Equivalent Student (FTES) Counts
- Student Services**
Reports showing student counts, with demographic breakouts if desired, for students who are participants in programs and/or services overseen by the Student Services Division of the Chancellor's Office:
 - Student Assessment Summary by Instrument ID
 - California Work Opportunity and Responsibility to Kids (CalWORKS)
 - Disabled Student Program and Services (DSPS)
 - Extended Opportunity Program and Services (EOPS)
 - Financial Aid
 - Mentorship
 - Special Population/Group Student Count
 - Student Success Services Student Count
- Outcomes**
Reports showing student outcomes in enrollments and programs, with demographic breakouts if desired, by:
 - Basic Skills Cohort Progress Tracker
 - Enrollment Retention and Success Rate
 - Grade Distribution
 - Program Awards
 - Student Success Scorecard Metric
 - Student Success Scorecard Skills Builder Metric
 - Transfer Velocity
 - System Wage Tracker
 - College Wage Tracker
 - Transfer Volume
- Courses/Calendar**
Various reports showing course characteristics such as TOP code, credit status, SAM code, etc. as well as how the course was offered such as day/evening status and accounting method. The reports include:
 - Counts of sections offered, students enrolled, and FTES by credit course characteristic
 - Counts of sections offered, students enrolled, and FTES by noncredit course characteristic
 - Counts of sections offered, students enrolled, and FTES by basic skills course characteristic
 - List of courses offered during a term with section counts and characteristics
 - Academic Calendar Summary for all colleges for a fiscal year
 - Academic Calendar for a district for a fiscal year
 - College Master Course/Program File
- Faculty & Staff**
Reports showing faculty and staff:
 - Annual Statewide Staffing Reports
 - Faculty & Staff Demographics

ABOUT CHANCELLOR'S OFFICE

The California Community Colleges is the largest postsecondary education system in the nation. The primary missions of the system are:

- Preparing students to transfer to four-year universities
- Workforce development and training
- Basic skills and remedial education

Established by legislation in 1967, the Chancellor's office is the administrative branch charged with providing leadership, advocacy, and support for the system.

The Chancellor's office operates under the direction of the state chancellor who is guided by the Board of Governors. The state chancellor is appointed by the board and board members are appointed by the Governor.

Other Educational Links

- Accountability Reporting (ARCC)
- CCCCO Research Reports
- Association for Institutional Research (AIR)
- California Association for Institutional Research (CAIR)
- The Research and Planning Group for CCC
- American Educational Research Association
- National Council on Measurement in Education
- National Center for Education Statistics
- Society for Colleges and University Planning
- Academic Senates for CCC
- Community College League of California
- California State University
- University of California President's Office (UCPO)

Data can set context

- Situate our location
- Who enrolls?
- Who might enroll?
- What might students need?

Will the population increase between 2022 to 2030?

1%

**Santa Clara
County**

17,558

1%

California

402,300

Will the population age between 2022 to 2030?

-2%

14 to 59

-19,468

20%

60 and
older

+88,909

What occupations will experience the greatest growth between 2022 to 2030?

Top Occupations by Median Hourly Earnings with >10% Growth

- Web/Digital Interface Designers (\$102.53/hr)
- Licensed Practical/Vocational Nurses (\$37.13/hr)
- Computer User Support (\$36.98/hr)
- Dental Assistants (\$28.99/hr)
- Medical Assistants (\$27.01/hr)
- Nursing Assistants (\$22.71/hr)
- Personal Care (manicurists, hairstylists) (\$16.98/hr)

How much do students' wages change?

Median Change in
Earnings

38%

Foothill

Median Annual
Earnings

\$67,480

27%

California

\$38,552

What are the wage changes for skills builders?

Median Hourly
Wages Increase

\$21 → \$36

Foothill

Among Non
Transfers

\$25 → \$49

\$17 → \$27

California

\$19 → \$30

What will the public high school enrollments change between 2022 to 2030?

-20%

Source: [California Public K-12 Graded Enrollment and High School Graduate Projections by County — 2023 Series](#) (October 2023); -16,400 fewer grades 9 to 12 students between 2022 (80,600) and 2030 (64,200)

What percentage of students under age 19?

28%

2021-22

31%

2022-23

Source: FHDA IRP, ODS [Program Review data queries, 2021-22 and 2022-23; includes credit and non-credit.] Fall 2022 to Fall 2023 suggests a 34% decrease in concurrent student enrollment (mostly accounted for by a 42% decrease in non-CCAP/MOU enrollment).

Is there a majority population group?

Santa Clara County

40%

Asian

25%

Latina/o/x

29%

White

Foothill

27%

29%

28%

Has enrollment changed from fall-to-fall?

2022

2023

12,840

Headcount

12,504

25,830

Enrollment

26,789

FTES increase

3%

Has the ethnicity representation changed from fall-to-fall?

Fall 2023 Headcount

Percent Change

3,299

Asian

8%

3,415

Latina/o/x

4%

3,059

White

1%

Has the course offerings changed from fall-to-fall?

Fall 2023

Percent Change

7,672

In Person

26%

13,293

Online
(asynchronous)

1%

What percent of our enrollment are in online classes?

59%

Source: Precision Campus Census Dashboard, Fall 2023 [credit and non-credit] (Fall 2022: 58%) | Santa Clara County students represent 65% of in person enrollment and 51% of online asynchronous enrollment in Fall 2022 and Fall 2023.

Where do our students reside?

2022

29%

Service Area

26%

Santa Clara
County (rest of)

18%

San Mateo
County

2023

31%

25%

17%

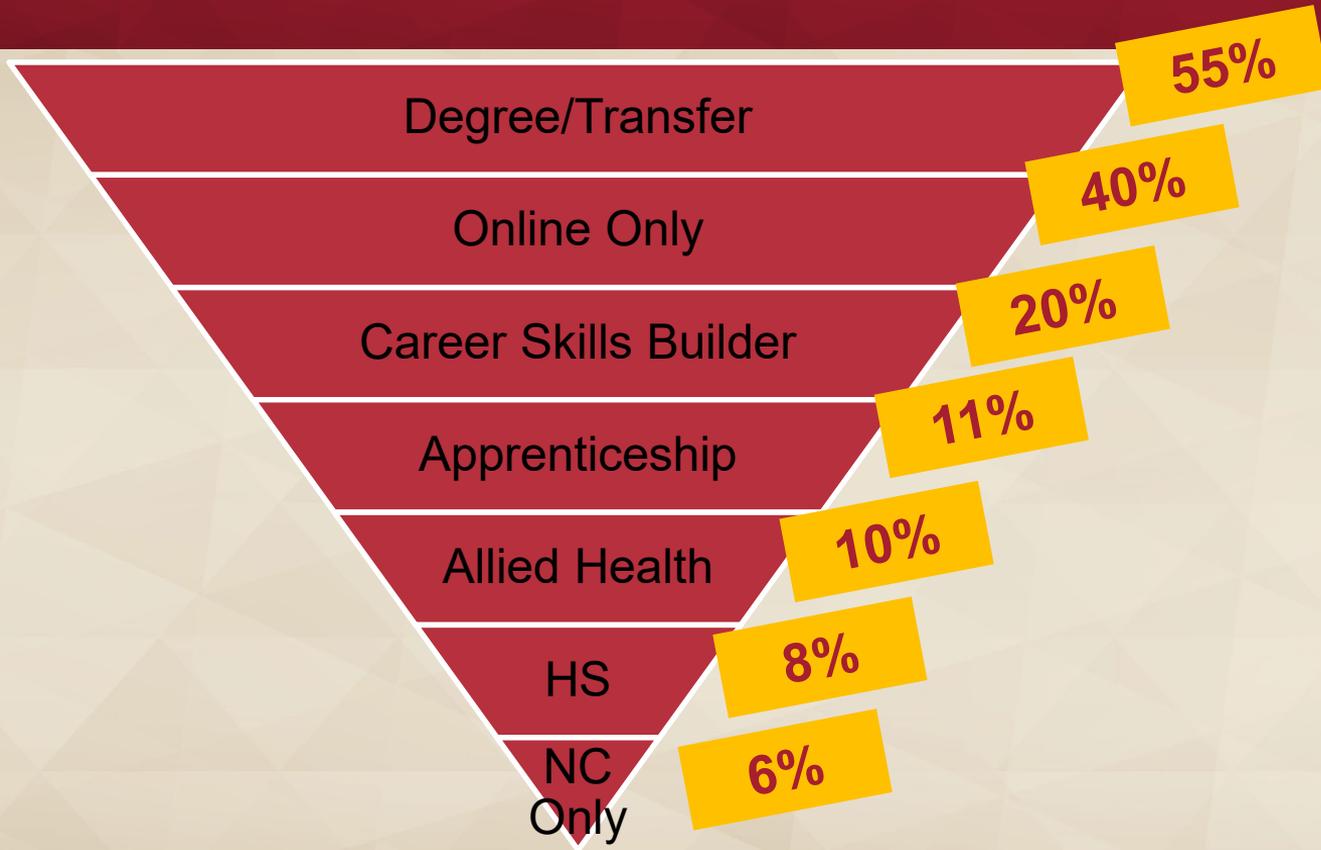
Source: FH IRP, ODS (Fall 2022 - Service Area: 3,198; Santa Clara County rest of: 2,228; San Mateo County: 1,990; Fall 2023 - Service Area: 3,568; Santa Clara County rest of: 2,853; San Mateo County: 2,022) [Excludes Apprenticeship | Census data only.]

Who are Foothill students?

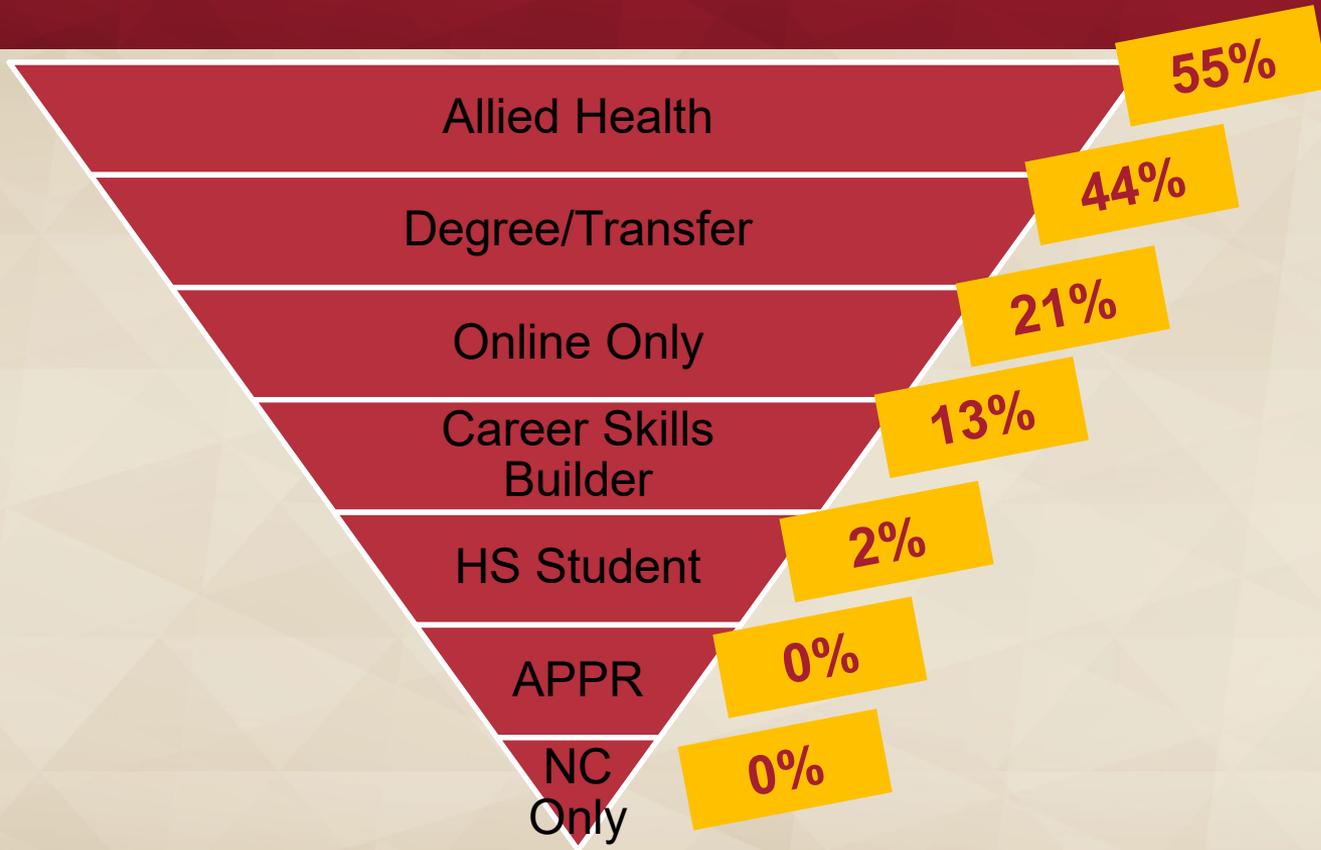
- Allied Health
- Apprenticeship
- Career Skills Builder
- Degree/Transfer Directed
- HS Student
- Non-Credit Only
- Online Only

How might key characteristics affect students' experiences?

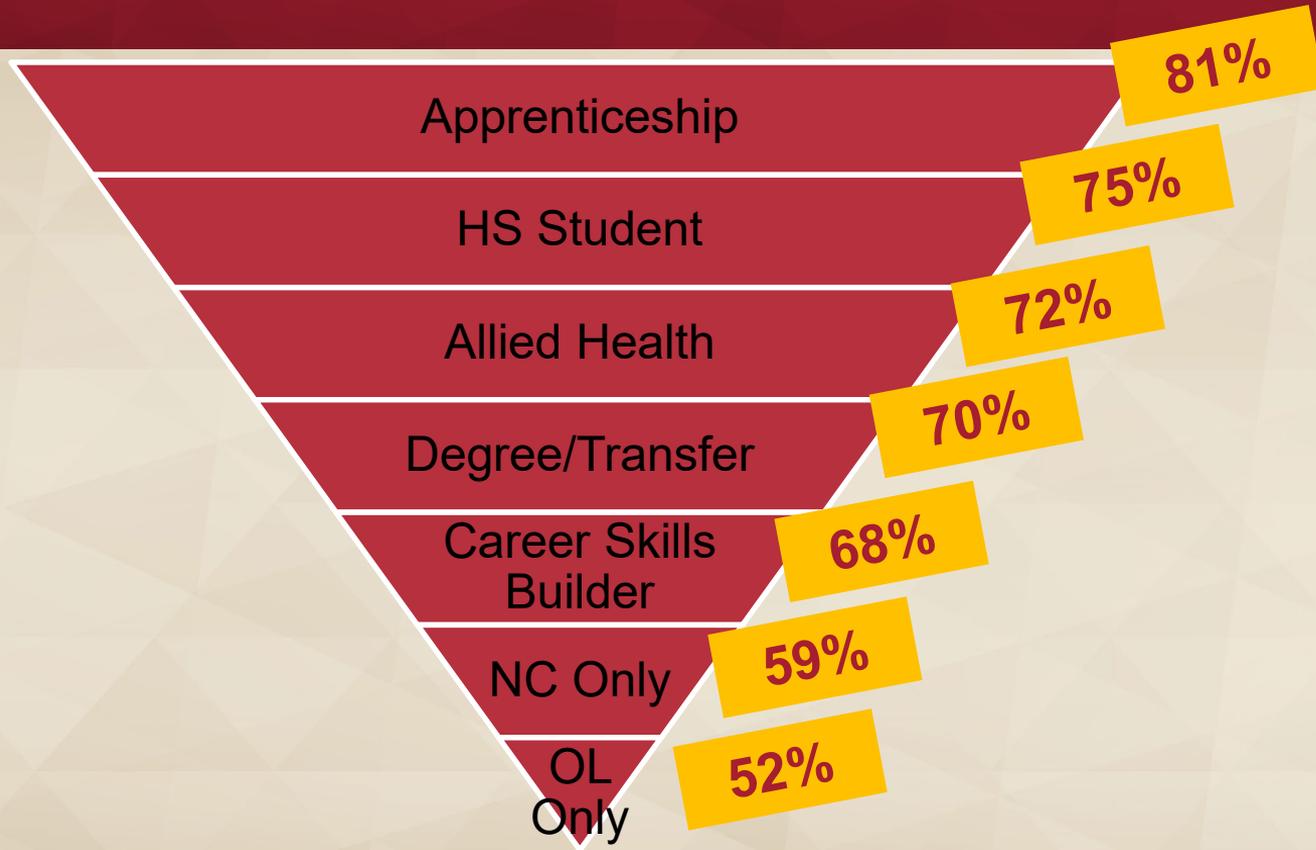
What percent of total enrollment?



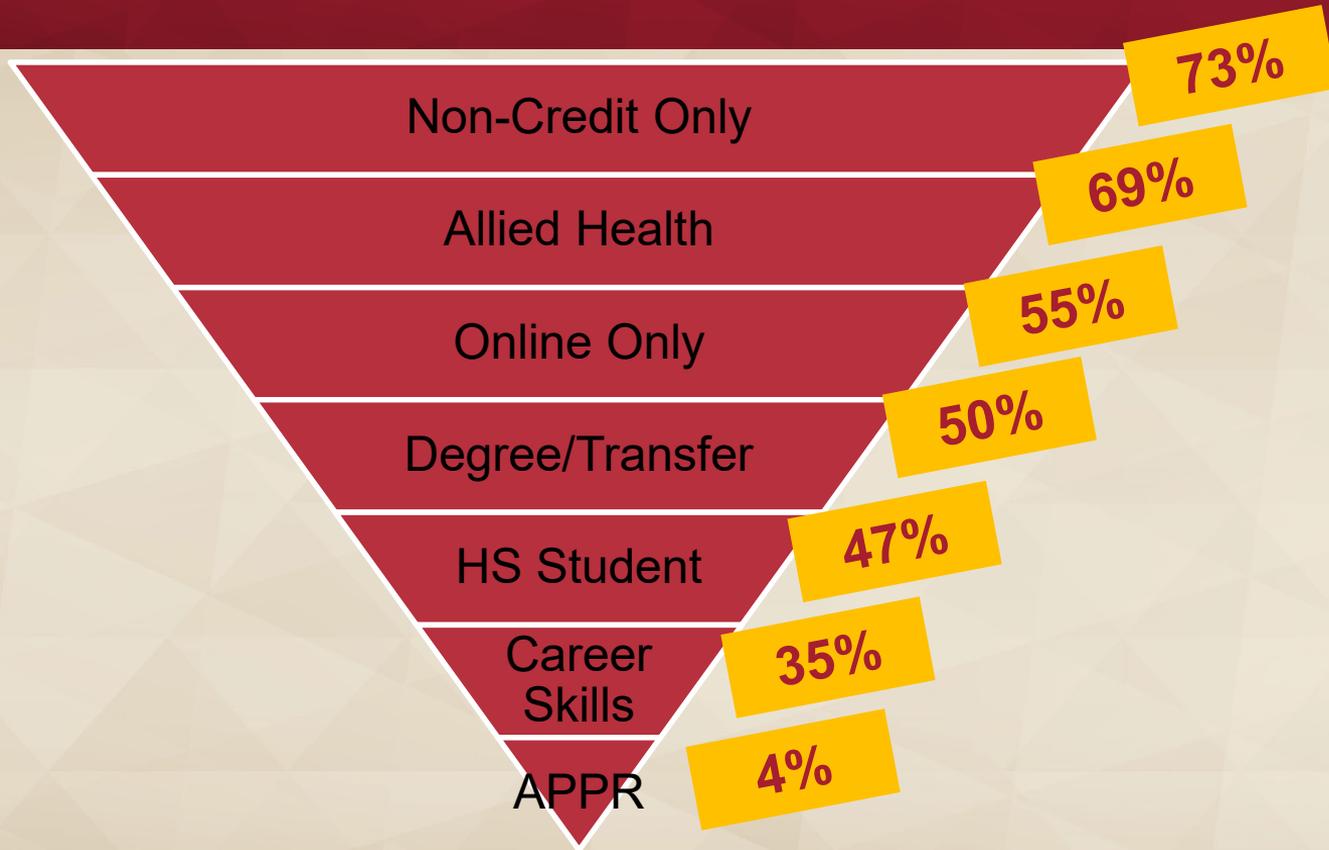
How many are full-time students?



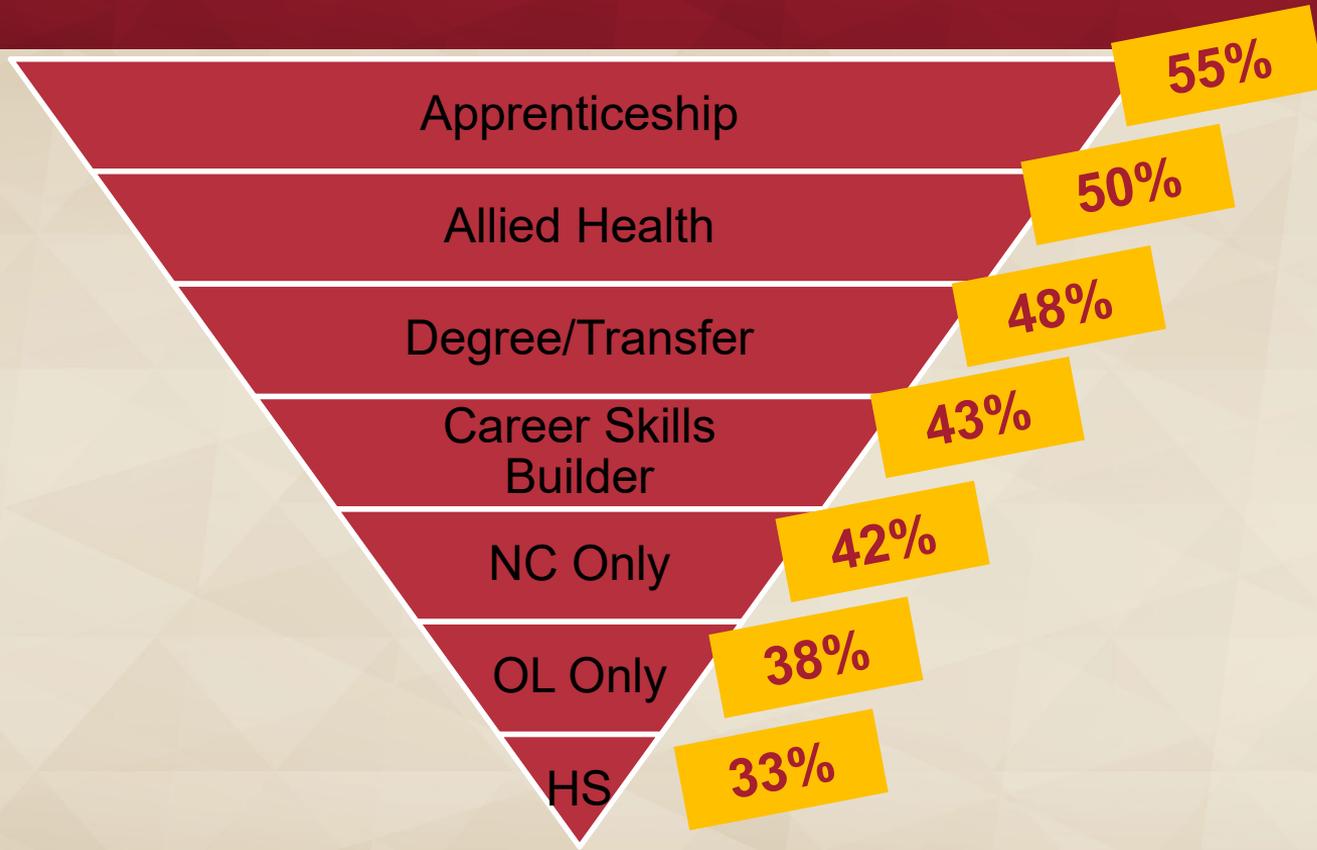
How many enrolled in fall and winter?



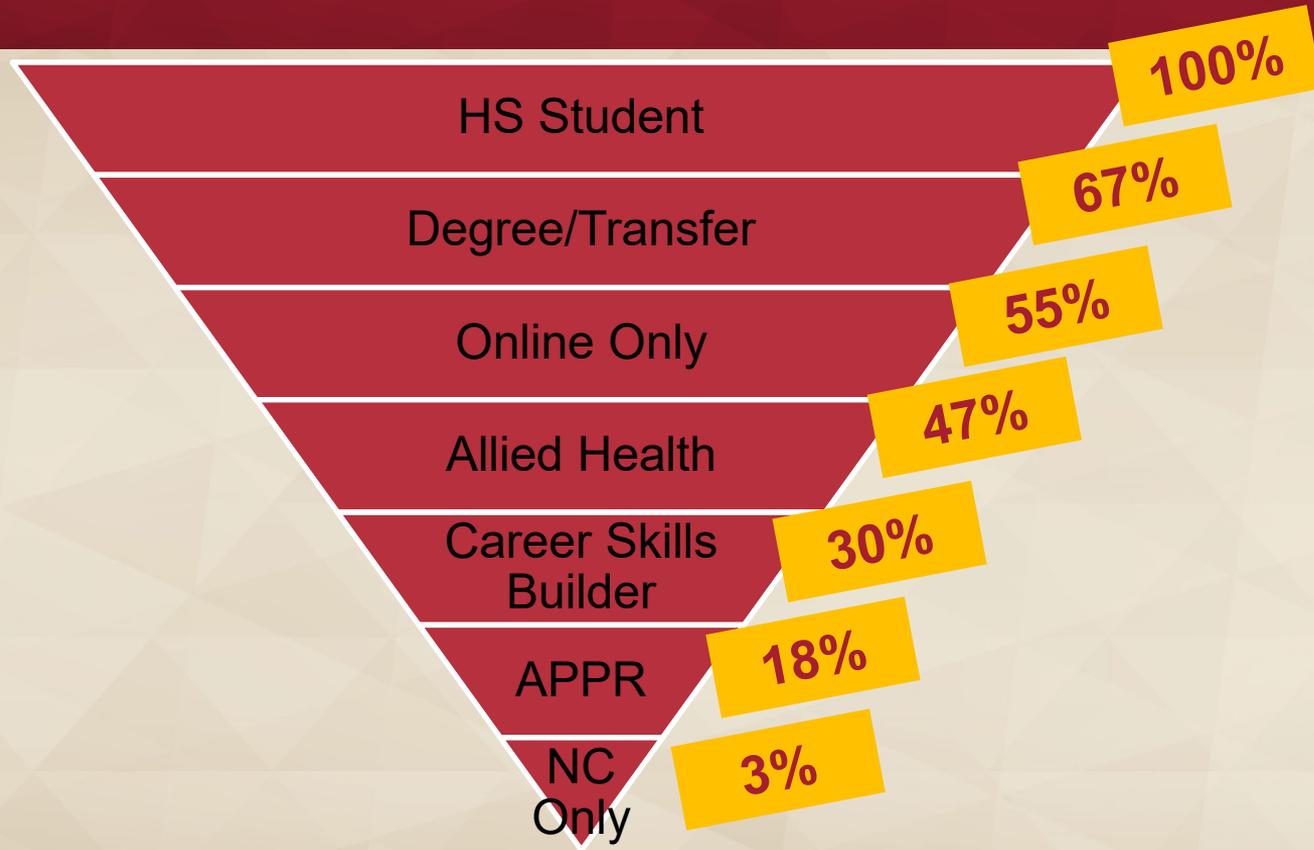
What percent are female?



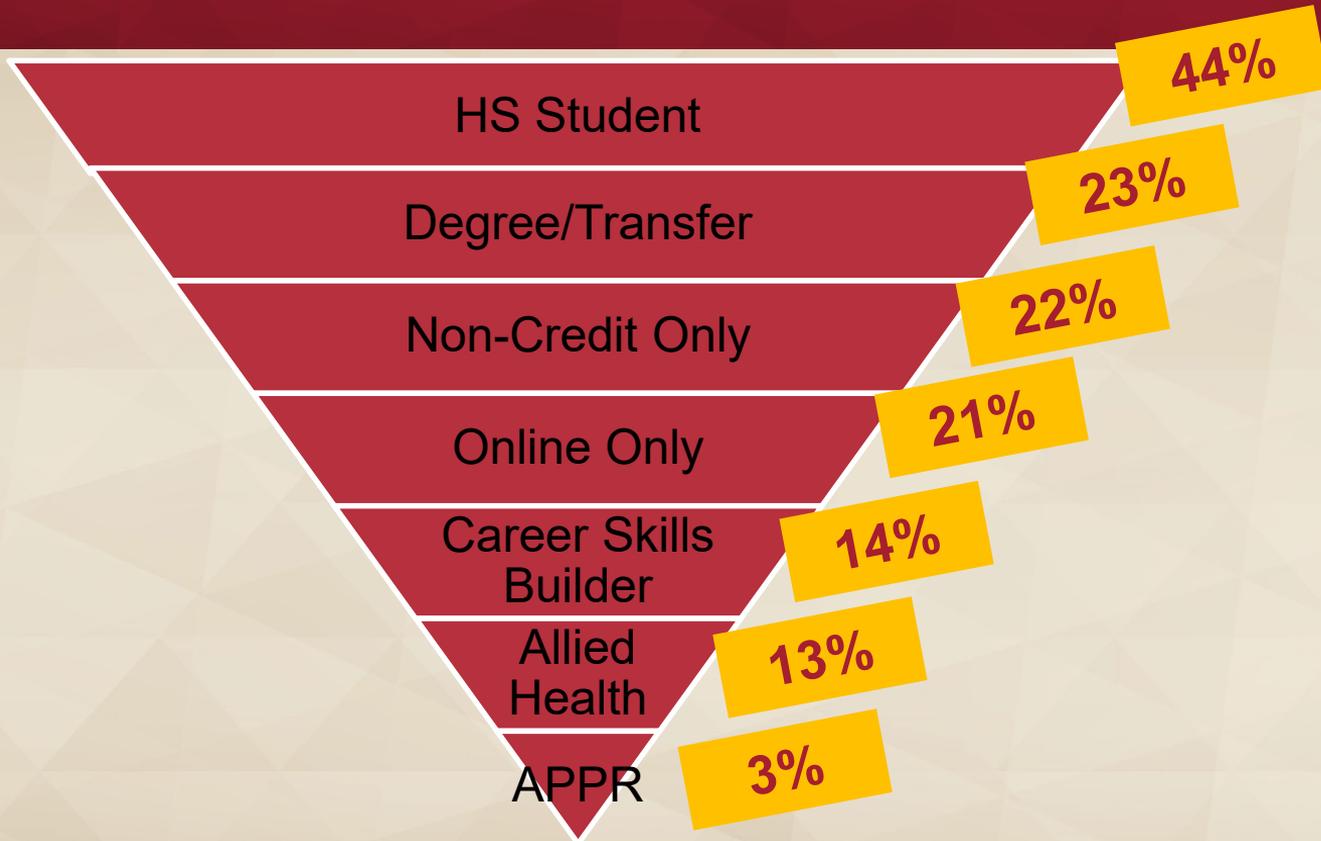
What percent are Black, Filipinx, Latinx?



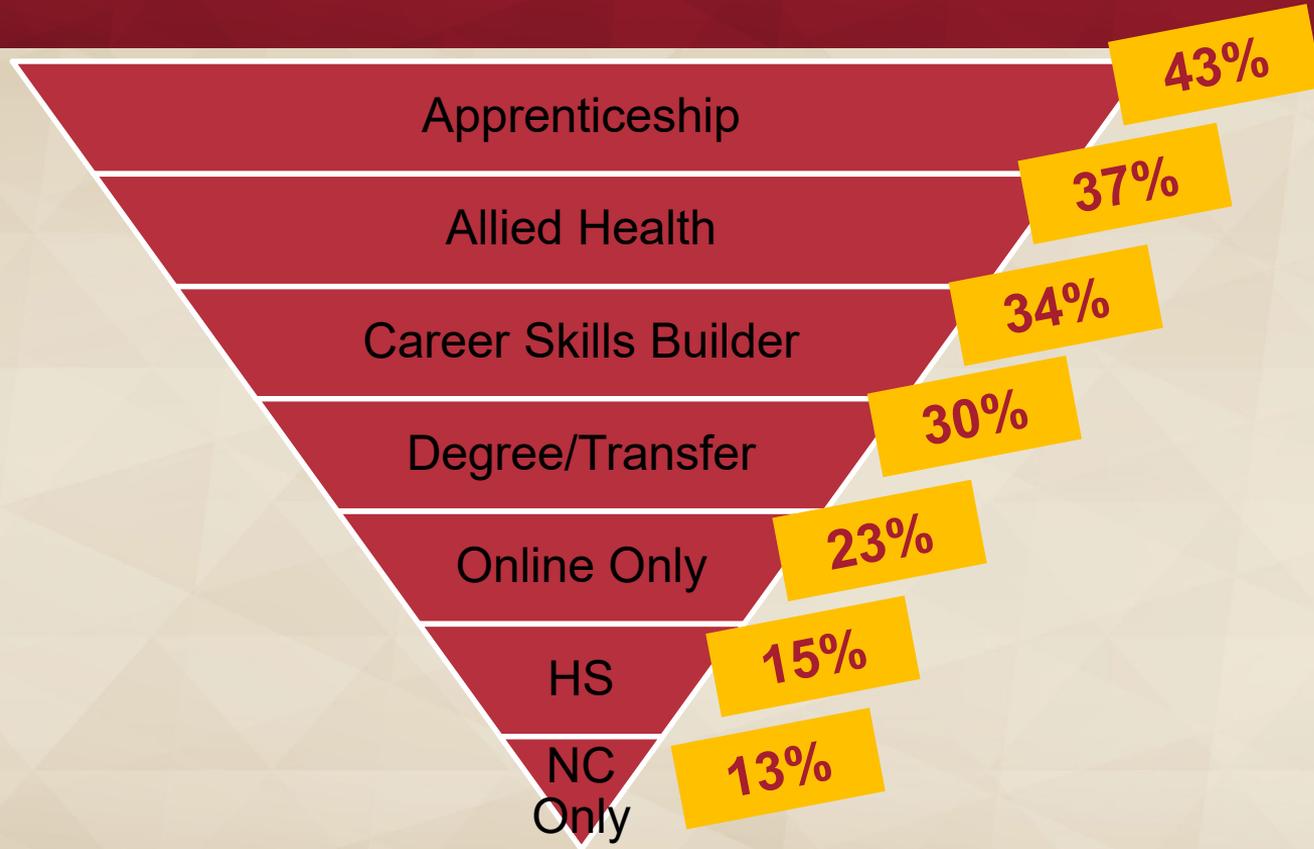
How many are age 24 or younger?



How many live in our service area?



How many are first generation college going?



The Role of Data

- Data supports planning at levels
- Data informs, doesn't tell us what to do
 - Data confirms (or not)

End