

Predicting Success Among Students

5 Year Trend Analysis

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Method

- ▶ Students were examined who failed every course during any given fall and/or spring semester.
- ▶ Data was collected by using the HCC Banner extracts for the beginning and close of each semester.

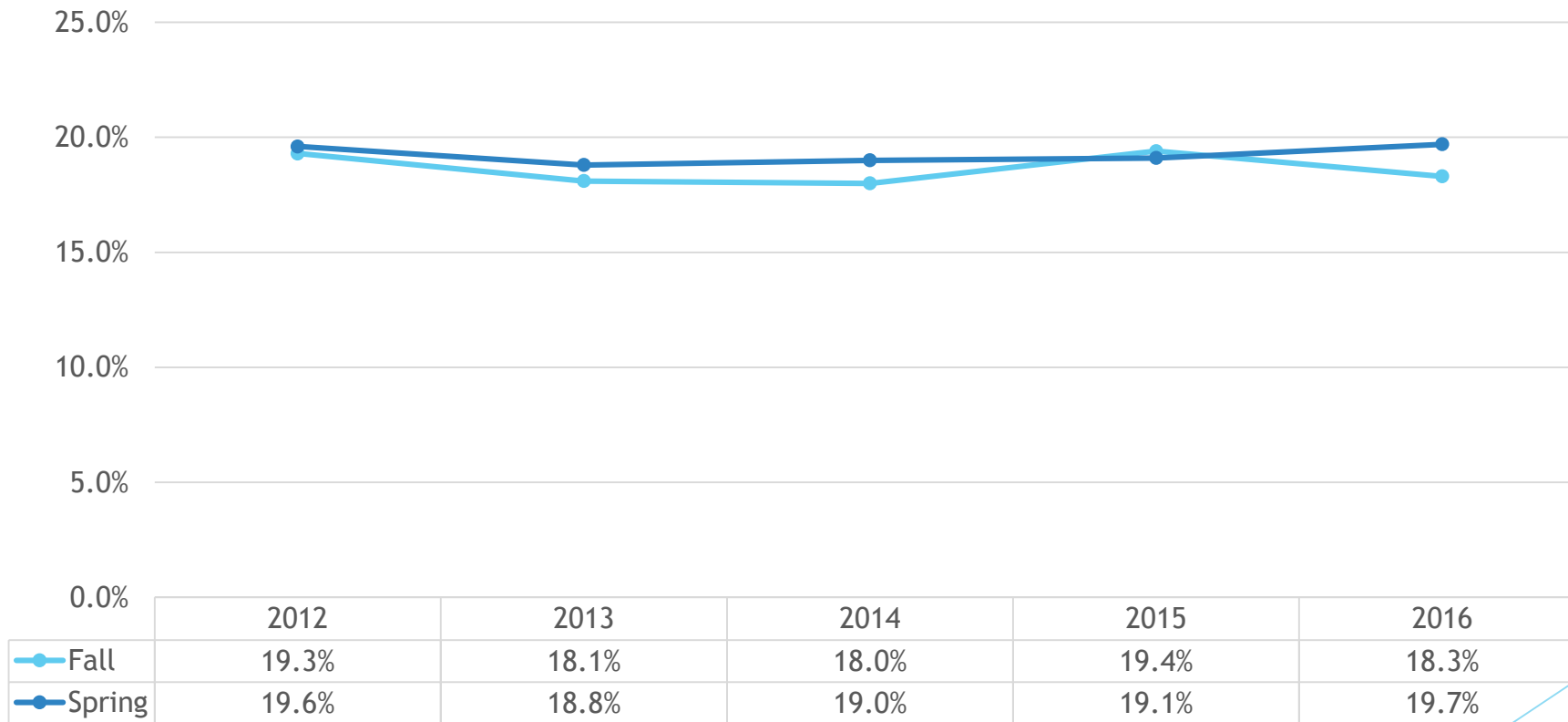
Initial Headcount

Year	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
# Headcount	6,097	5,813	5,286	5,369	5,143
# Unsuccessful	1,178	1,054	951	1,039	942

Year	Spring 2012	Spring 2013	Spring 2014	Spring 2015	Spring 2016
# Headcount	6,132	5,968	5,619	5,157	4,936
# Unsuccessful	1,200	1,122	1,066	987	974

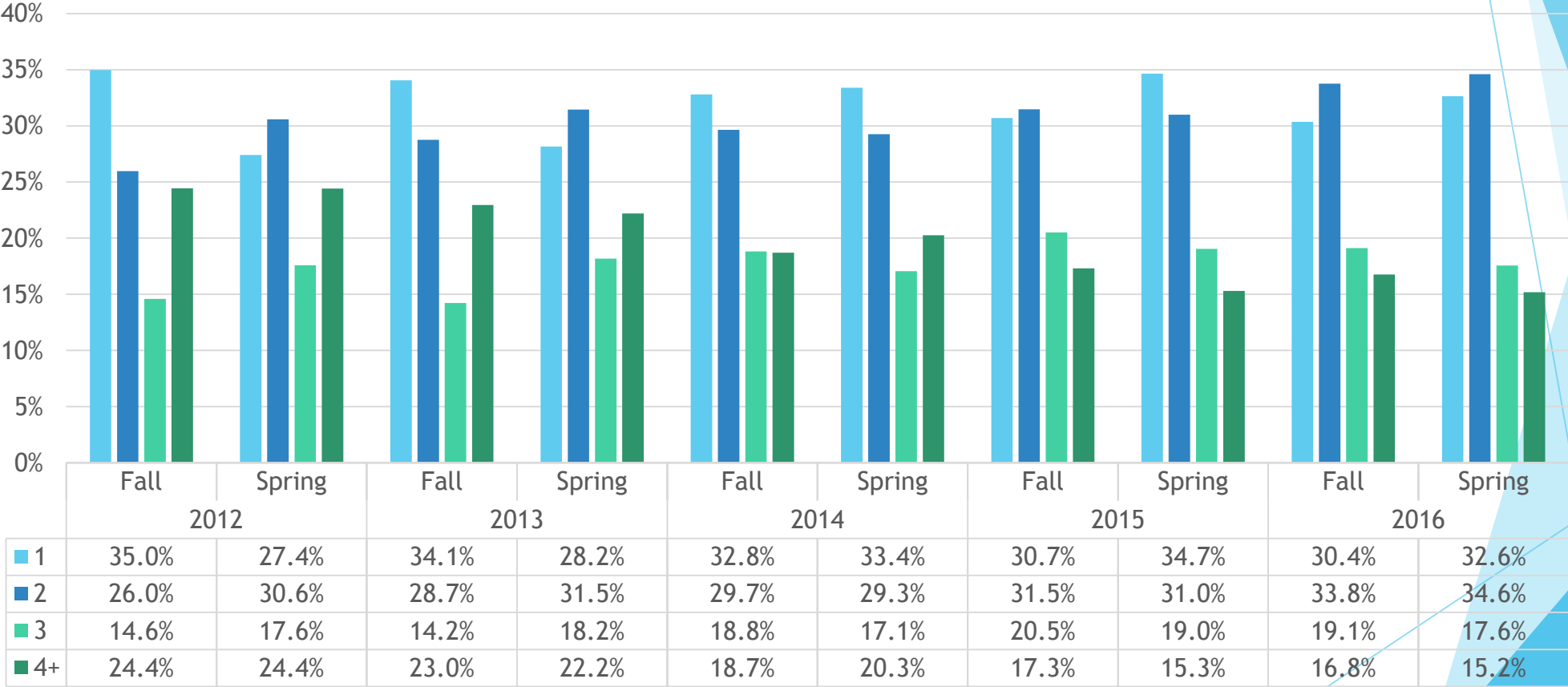
Headcount is the number of unique students at the beginning of the semester
Unsuccessful is the number of students who were unsuccessful in **ALL** their classes receiving final grades equal to or below a “C-” Students who withdrew from classes, Audited, or earned “Making Progress” grades were not included in the study.

Percentage of Unsuccessful Students



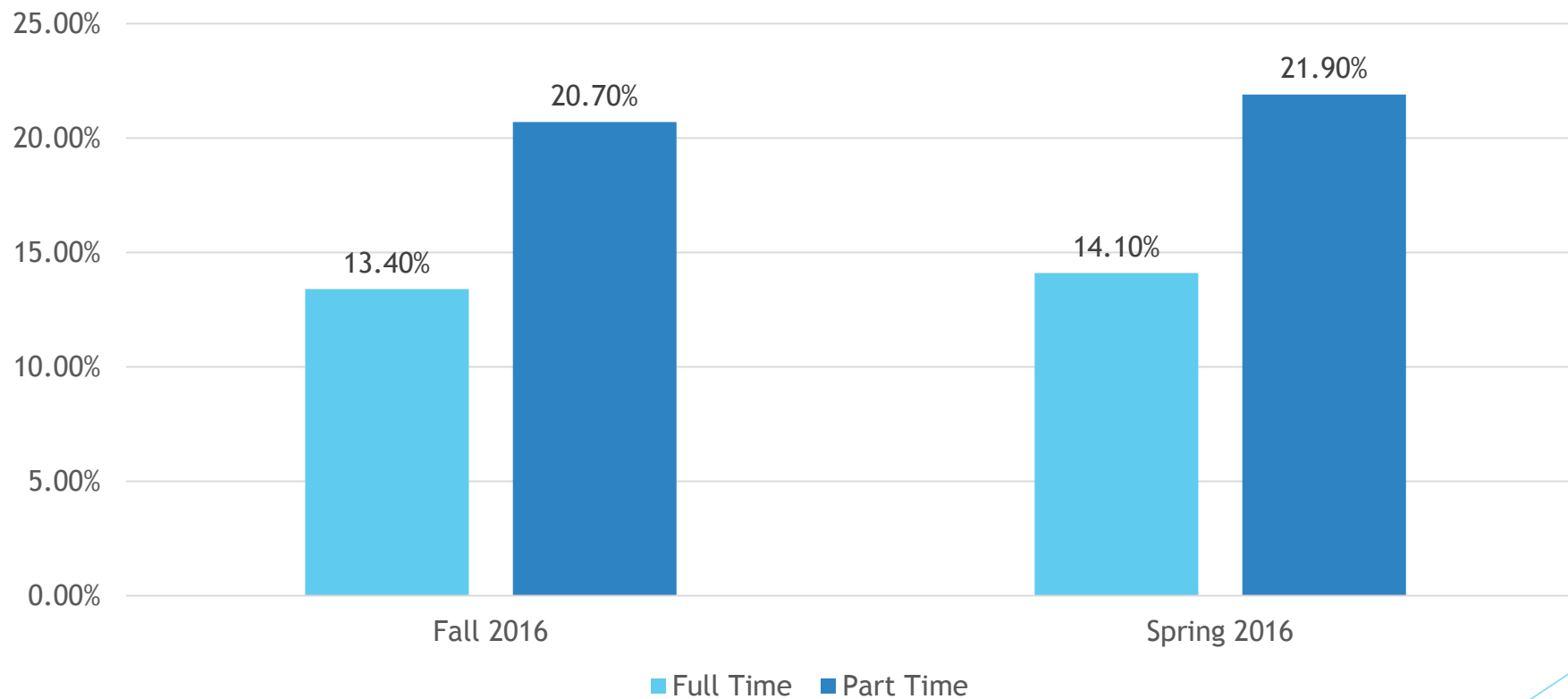
The percentage of unsuccessful students varies from 18% to 19.7% in any given fall or spring semester.

Number of Classes Taken



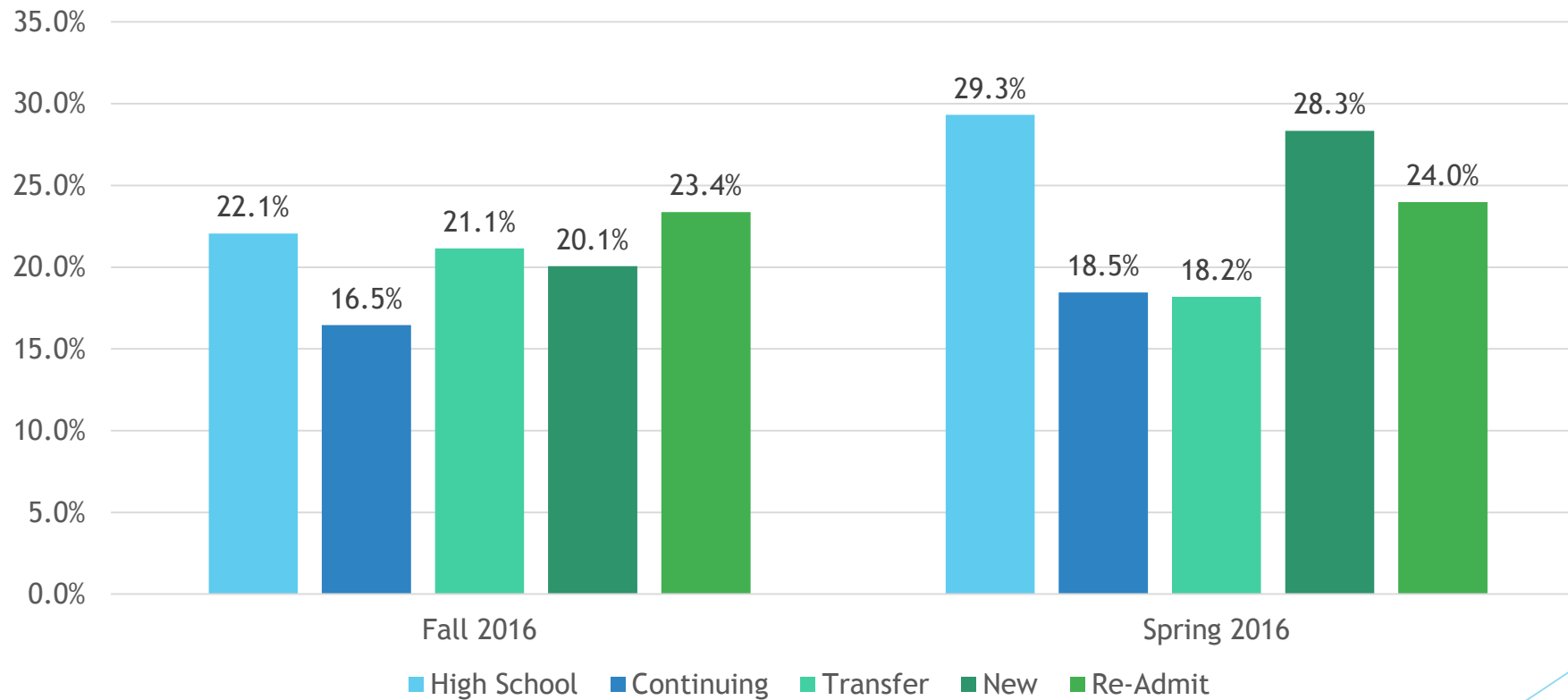
More students who took one or two classes during any given semester were more apt to fail them.

Full Time/Part Time



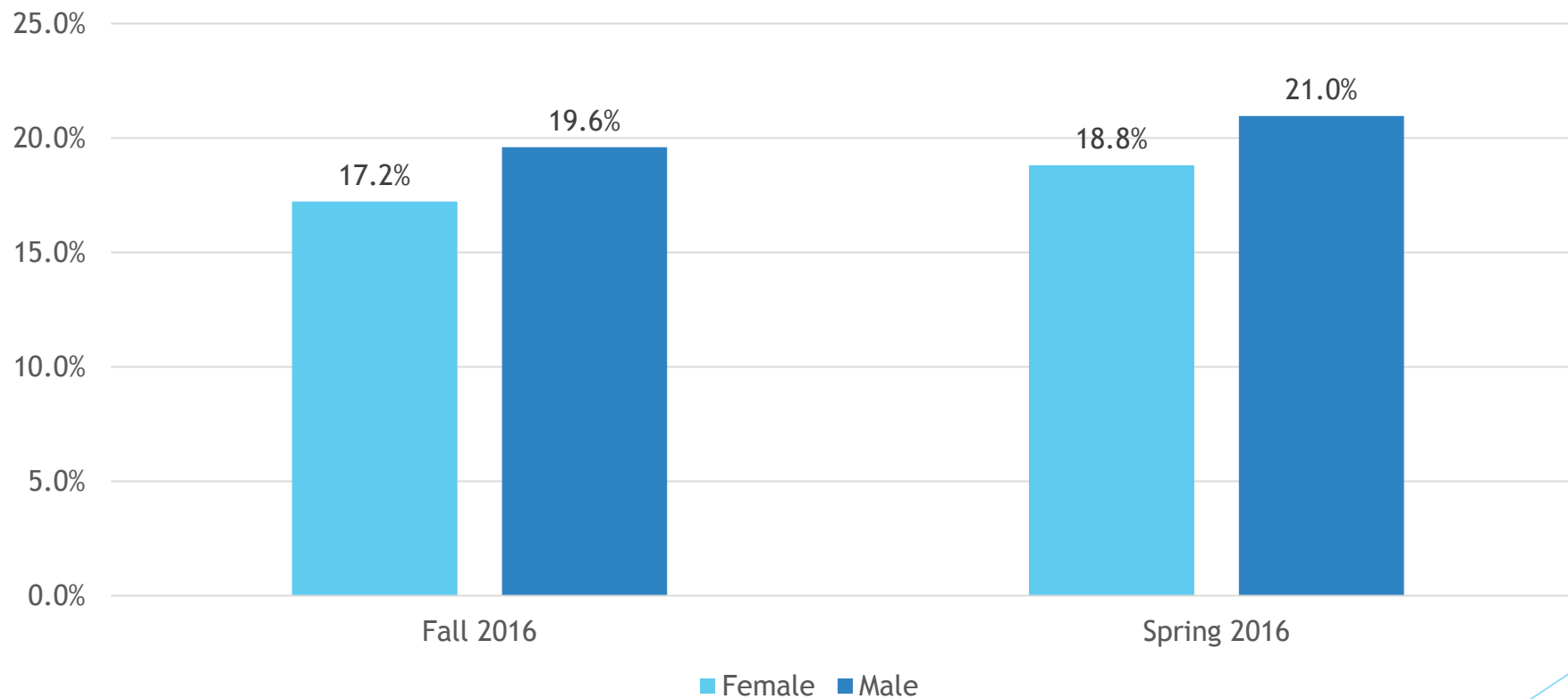
Majority of the unsuccessful students are part time students

Student Type



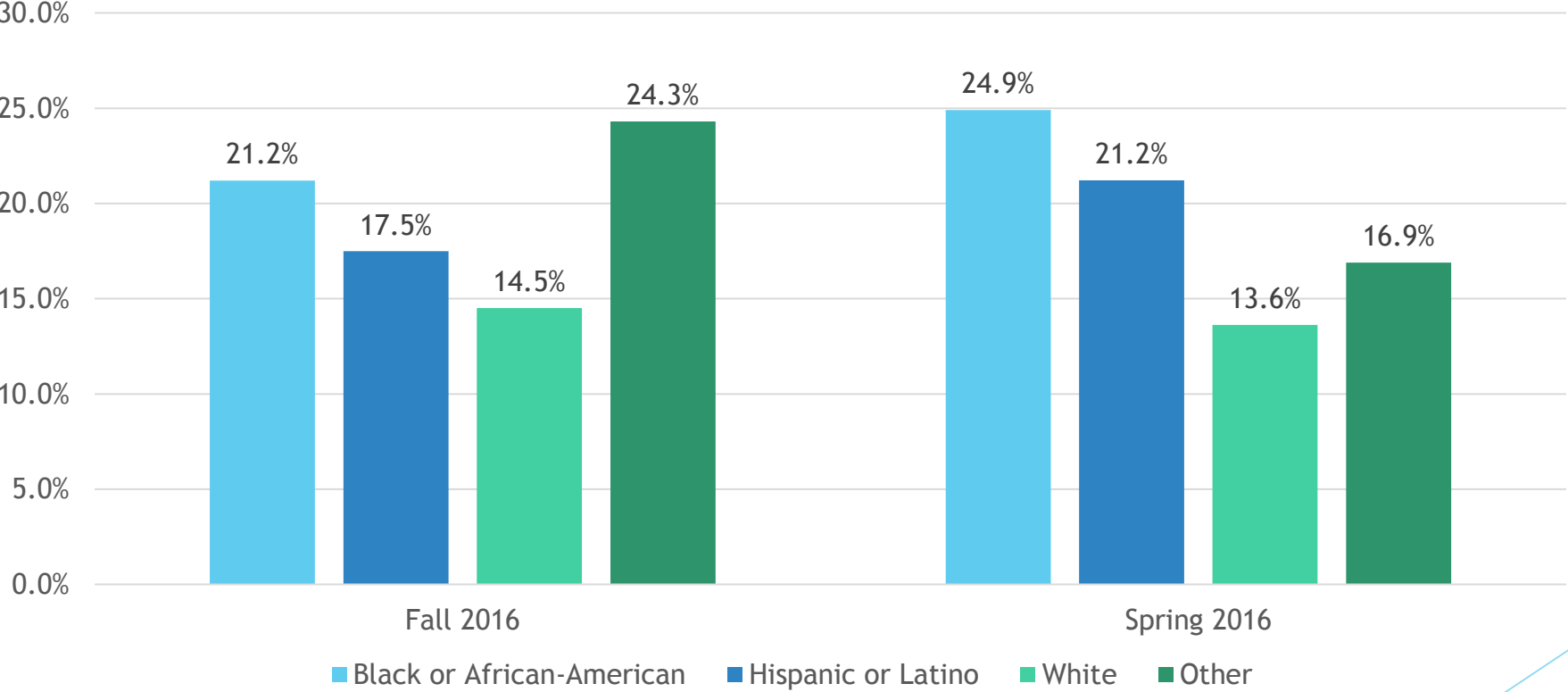
The unsuccessful student type varies from 16.5% to 29.3%

Gender



Majority of the unsuccessful students were male

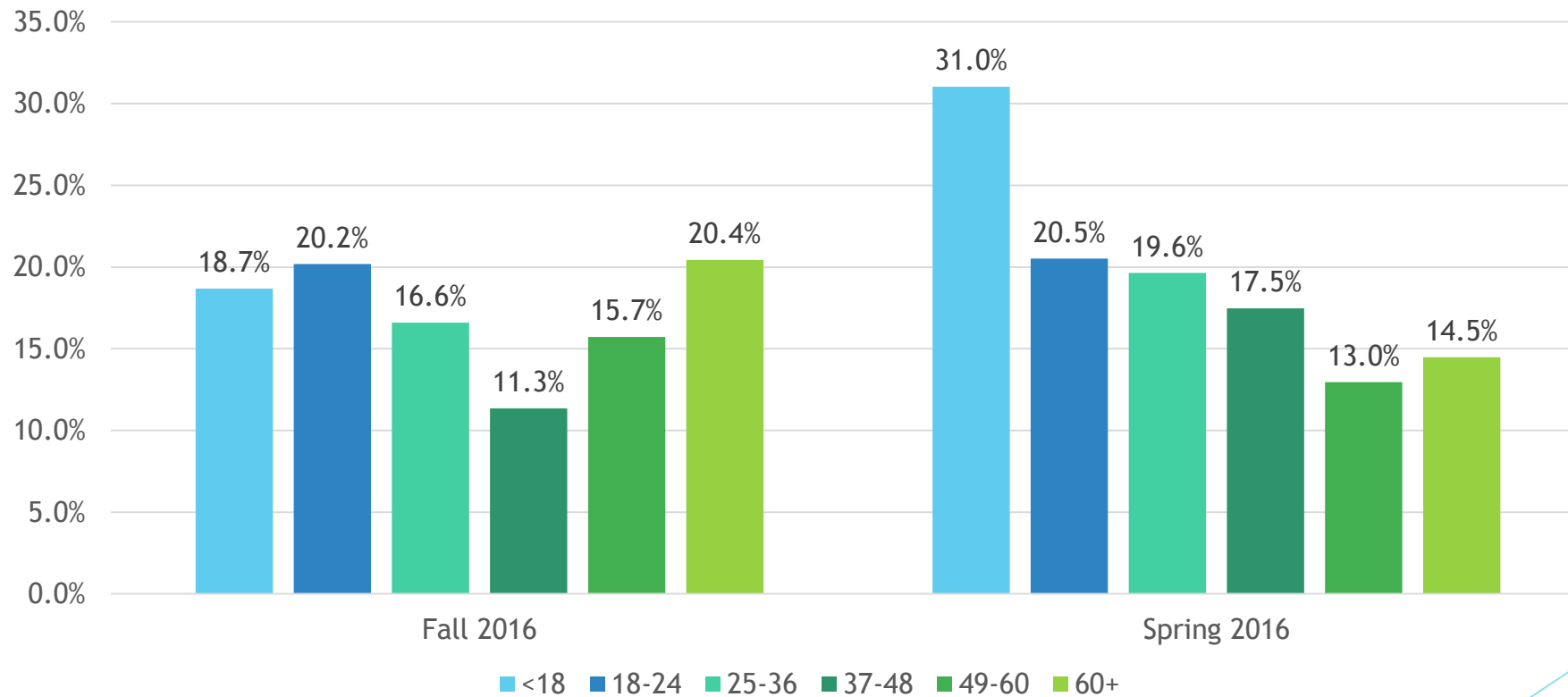
Race/Ethnicity



The category of Other consists of students who identify as American Indian/Alaskan Native, Asian, Hawaiian/Pacific Islander, Multiple races, or chose not to answer

The trend of unsuccessful students based on race/ethnicity varies from 13.6% to 24.9%

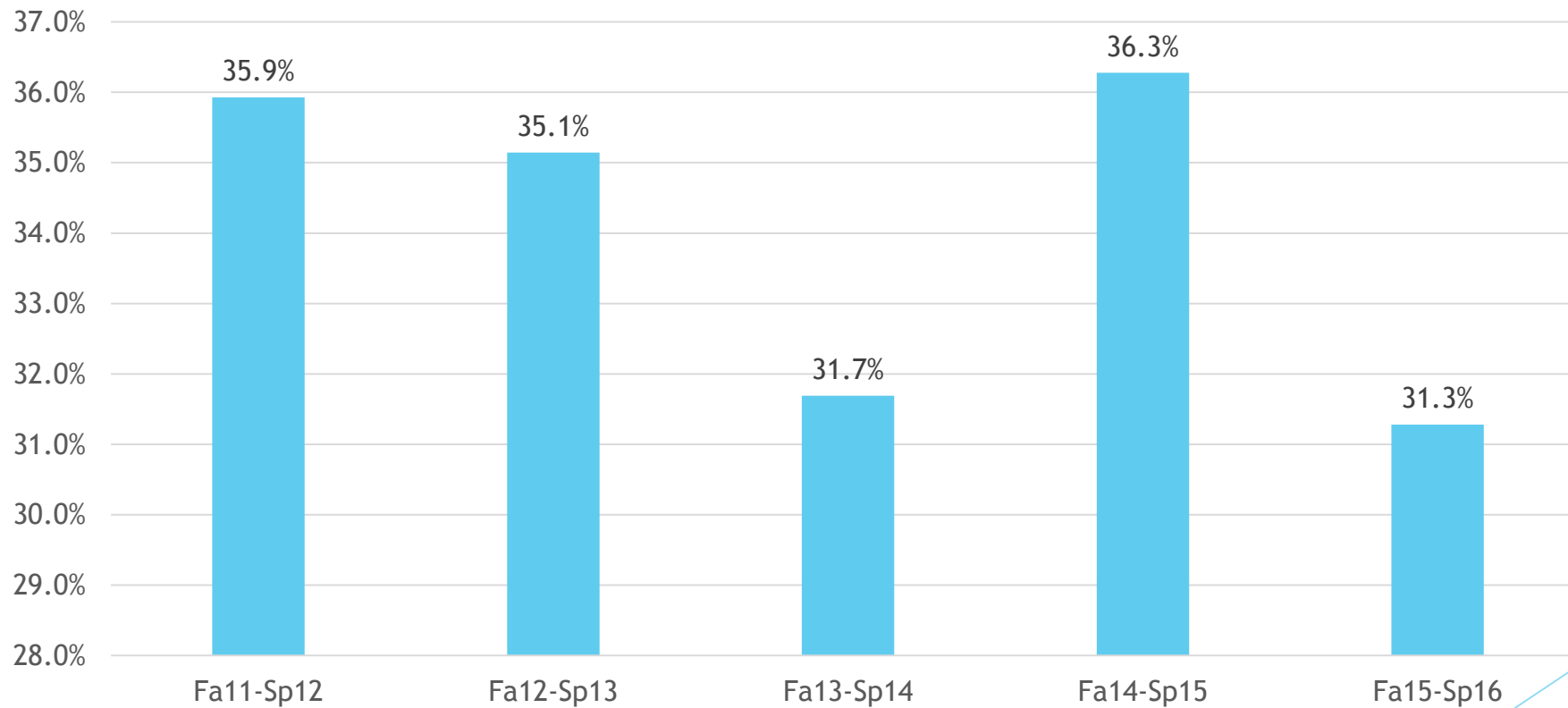
Age



The number of unsuccessful students based on age varied from 11.3% to 31%

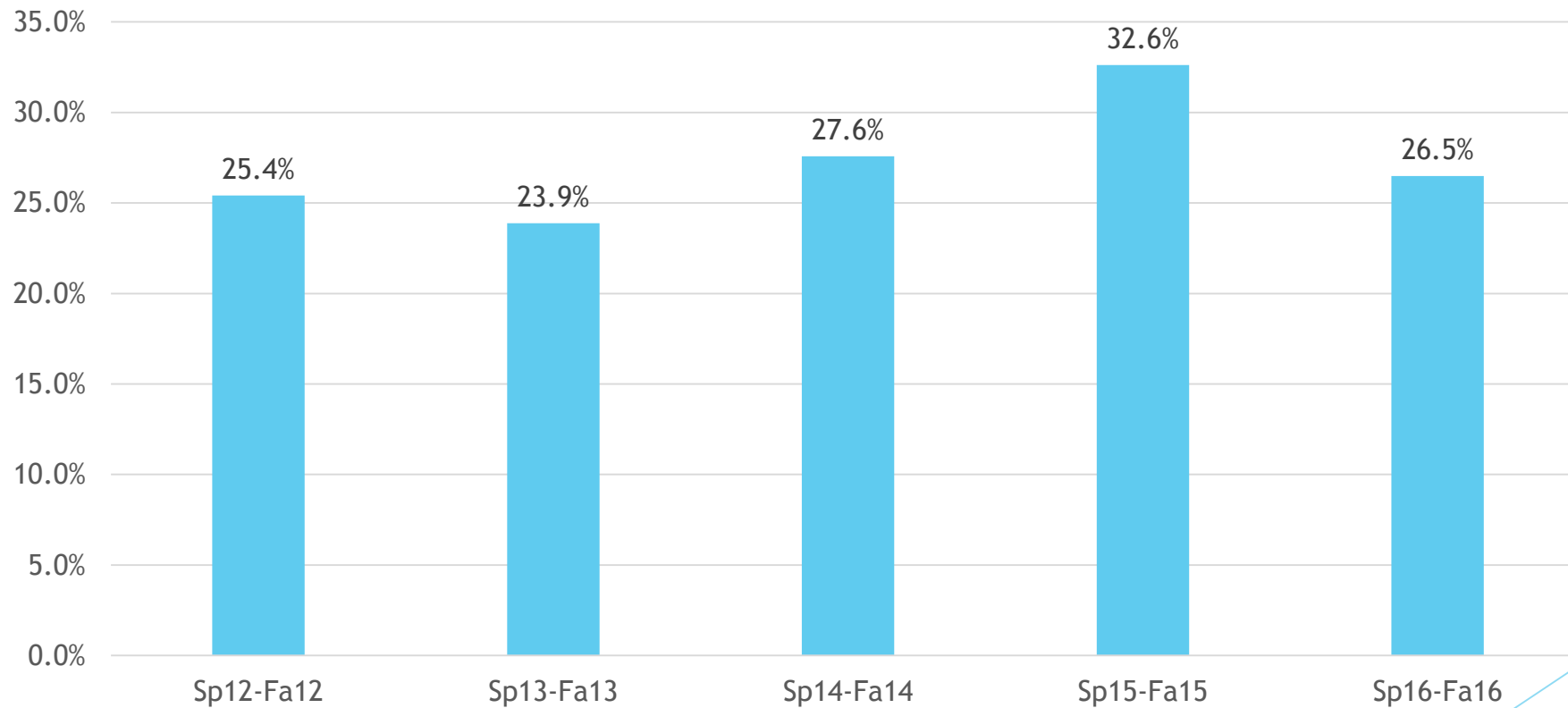
- ▶ Retention (fall to fall semesters and spring to spring semesters) was calculated per year based on students who were unsuccessful in all their courses for the initial year and enrolled for at least 1 class the following year
- ▶ Persistence (fall to spring semesters and spring to fall semesters) was calculated per semester based on students who were unsuccessful in all their courses for the initial semester and enrolled for at least 1 class the following semester

Fall to Spring Semester Persistence



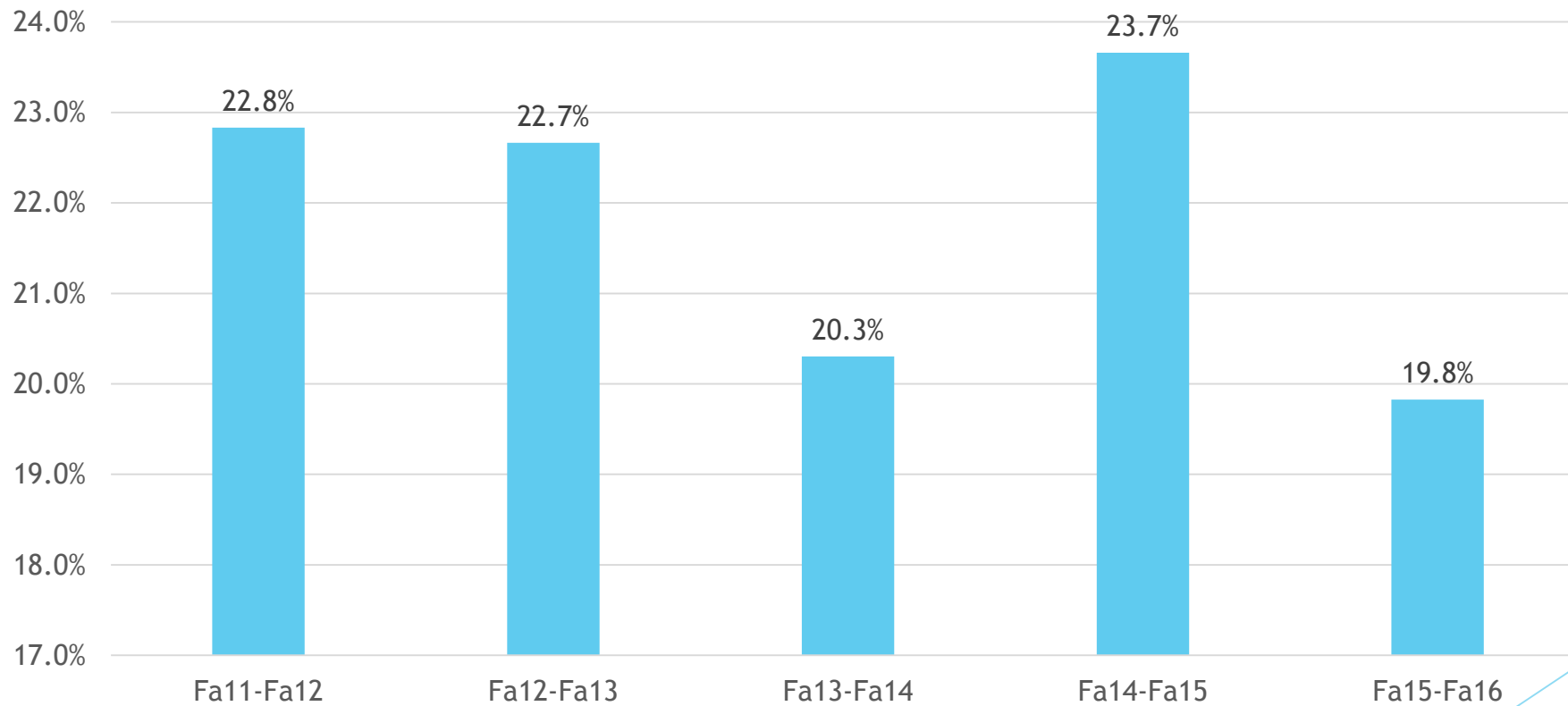
The Fall persistence rate varied from 31.1% to 36.3%

Spring to Fall Semester Persistence



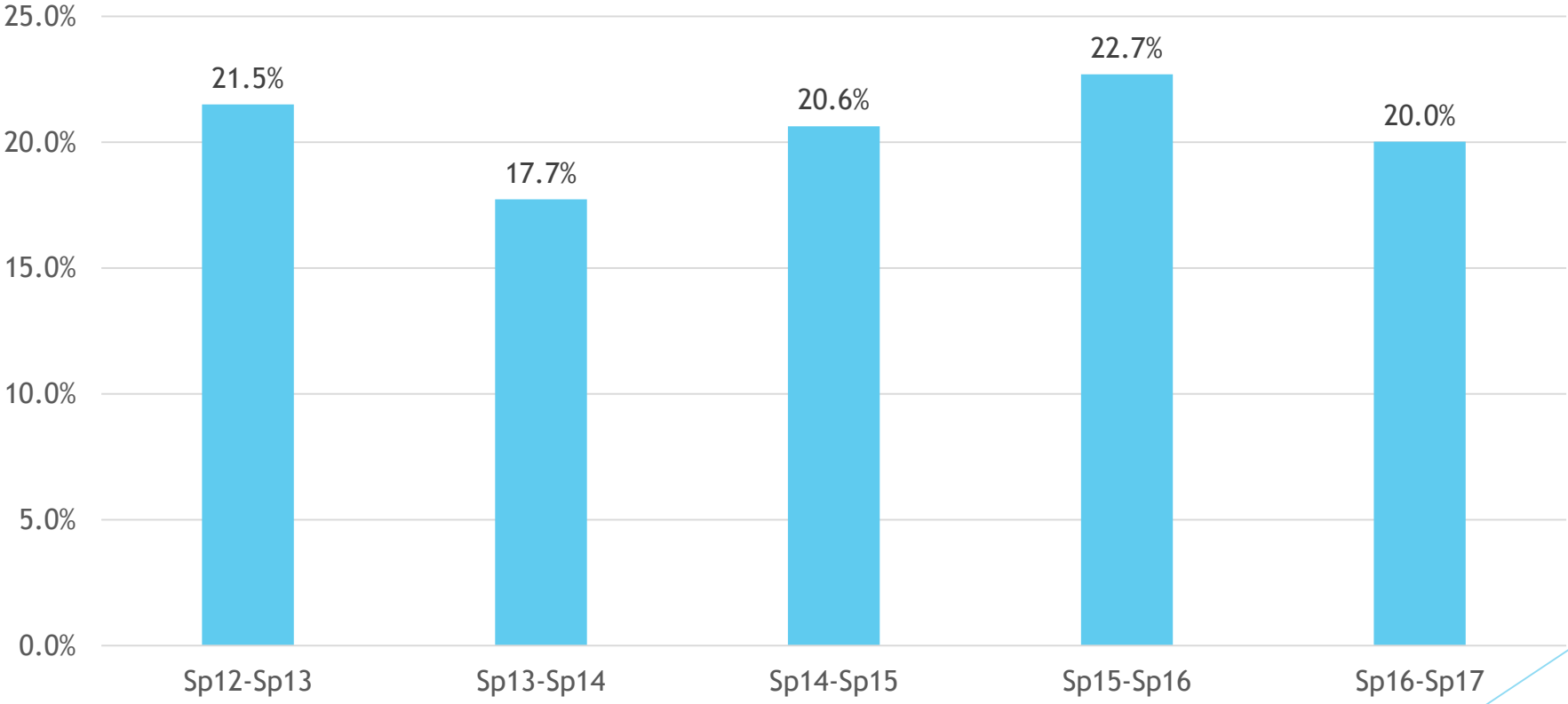
The Spring persistence rate varied from 23.9% to 32.6%

Fall to Fall Semester Retention



The Fall retention trend varies from 19.8% to 23.7%

Spring to Spring Semester Retention



The Spring retention rate varies from 17.7% to 22.7%