

What effect does the Student Success Center have on our students?

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BACKGROUND

The College of Sciences aims at determining the nature of the effect the CoS Student Success Center (CoS SSC) is having on our undergraduates to meet their success markers to graduate in their intended major. If the students are able to meet their success markers it will directly align with the graduation initiative 2025 by helping them navigate the correct courses and graduate in an appropriate time frame. Our enrichment programs align with SDSU strategic goals by exposing and encouraging students to get involved with high impact practices on and off campus to foster student achievement and successful entrance into careers. Our conclusions from this project firstly will inform whether existing initiatives are performing as intended or need to be modified and secondly help identify new obstacles that our students might be facing that the CoS SSC could aid in addressing.

To accomplish this aim we propose:

- 1) to determine if students who interact with the center improve their student success markers and
- 2) to identify additional obstacles to success that students may encounter on which the center can intervene.

RESEARCH QUESTIONS

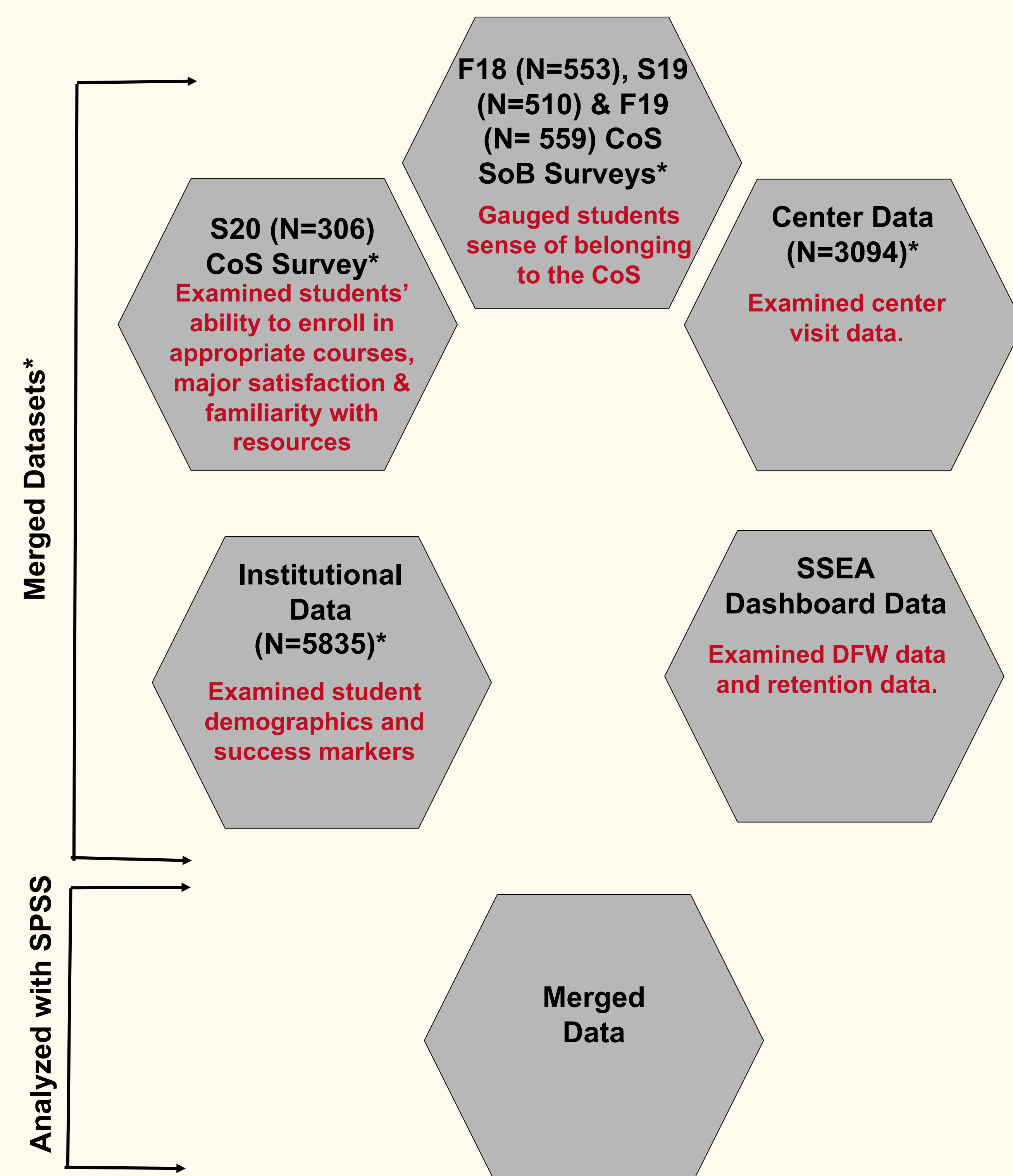
Understanding who is visiting the center can help us identify with whom are strengths and needs lie.

- How many and what type of student is visiting the SSC?
- What are the needs of the students visiting the center?

Research has shown that sense of belonging has been directly tied to college retention. (O'Keefe, 2013)

- How does visiting the center have an impact on the students' sense of belonging?
- Are students who are visiting the SSC aware of more relevant and available resources?

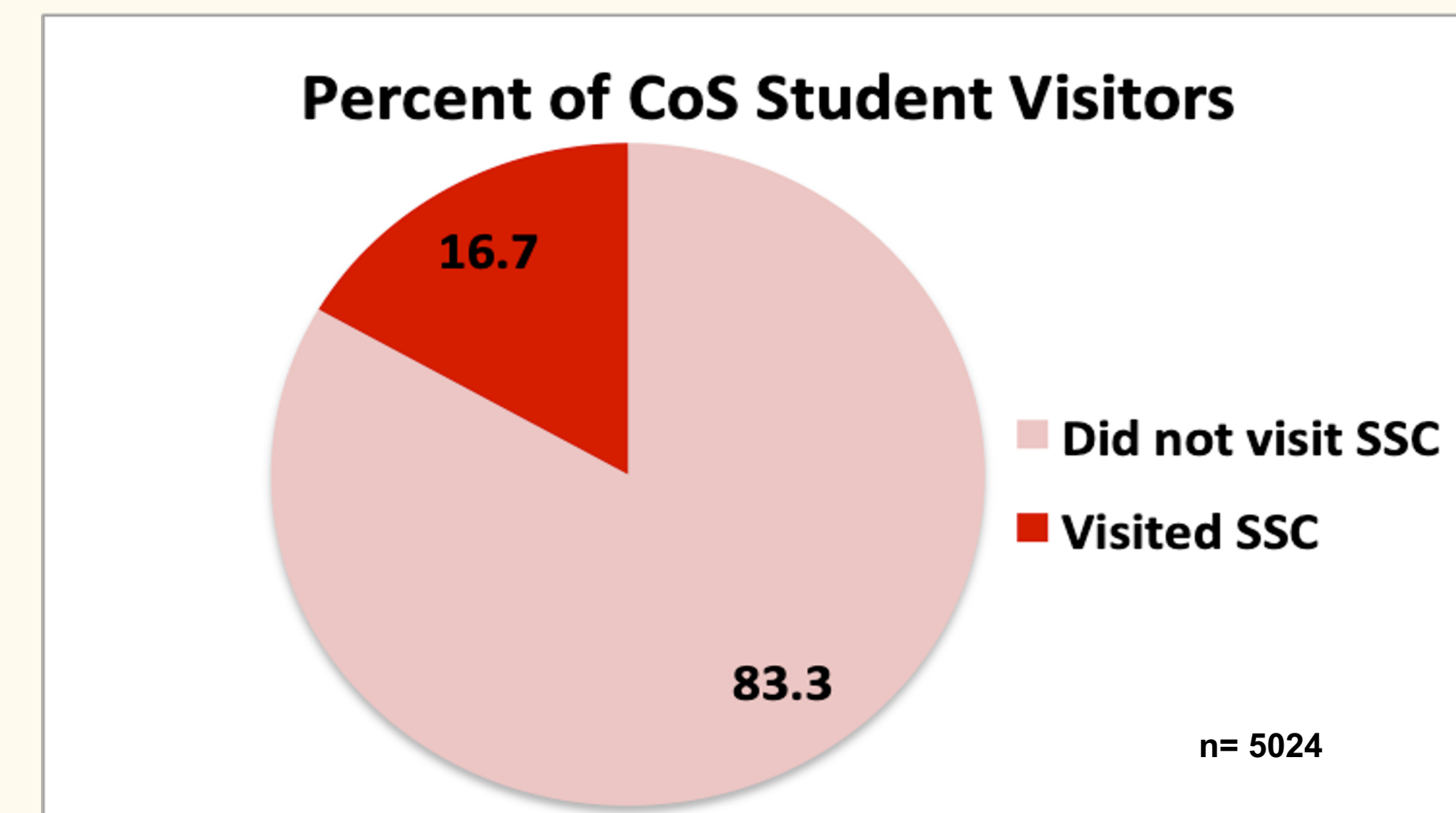
METHOD



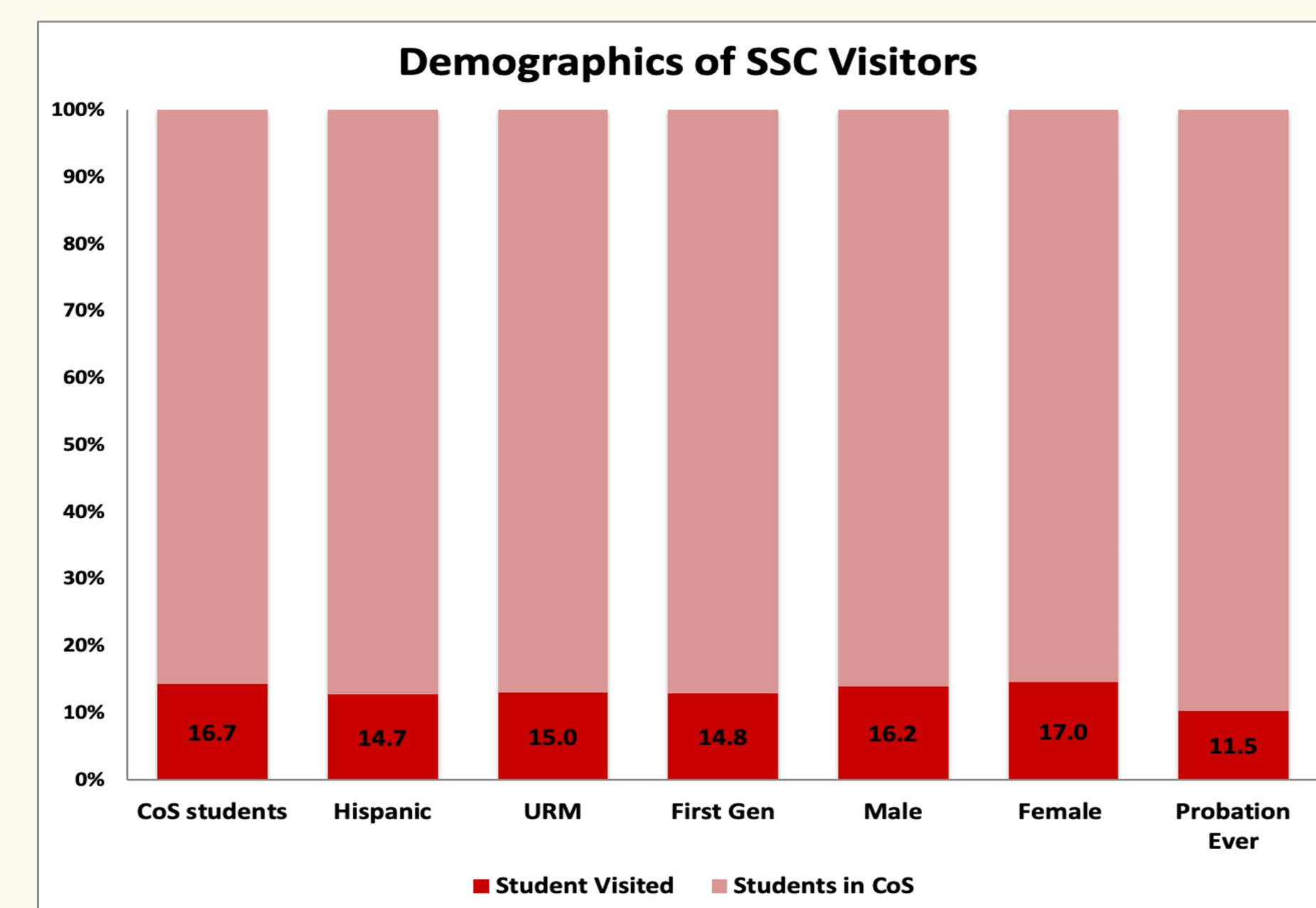
FINDINGS

(*P < .05, **P < .01, *** P < .001)

Students visiting the CoS SSC during the 2018-2019 academic year

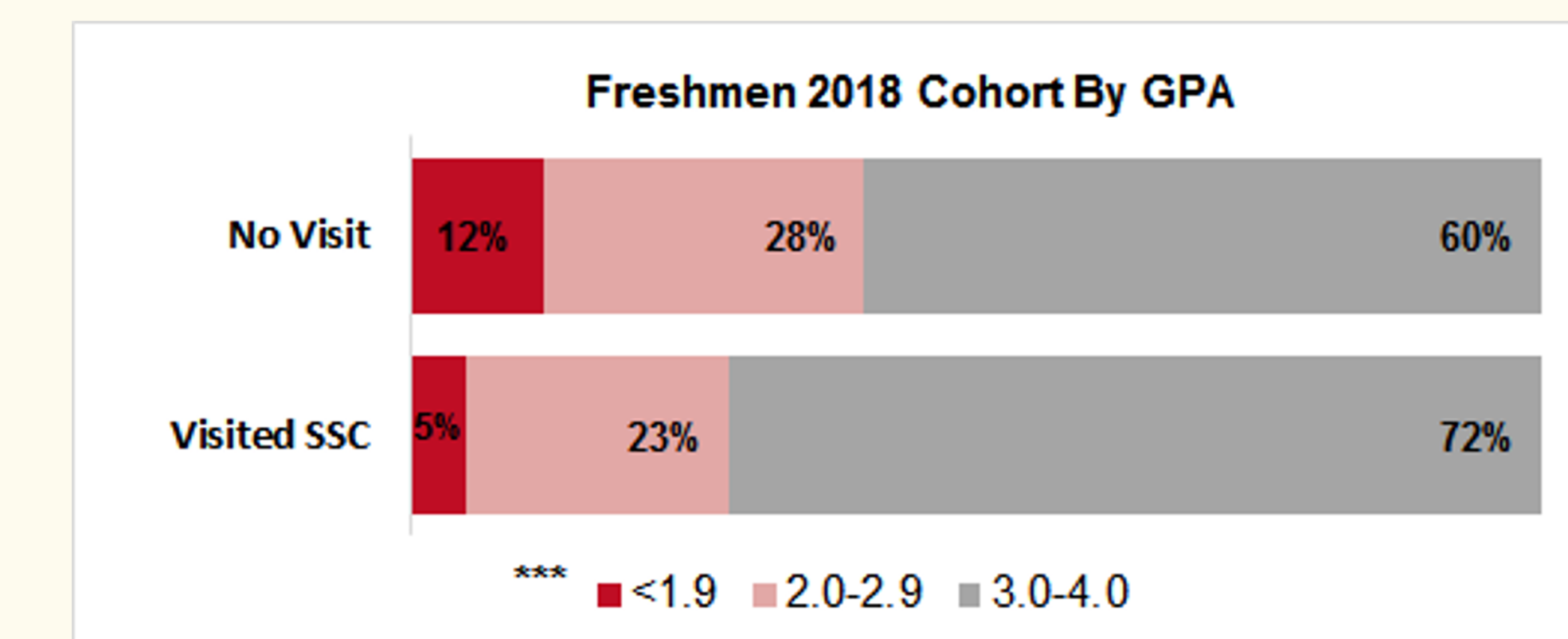


- 1229 students visited in the 2018-19 academic year
- 16.7% (837/5024) of CoS students
- 25.6% (384/1500) of CoS Freshman
- An additional 392 non-CoS students



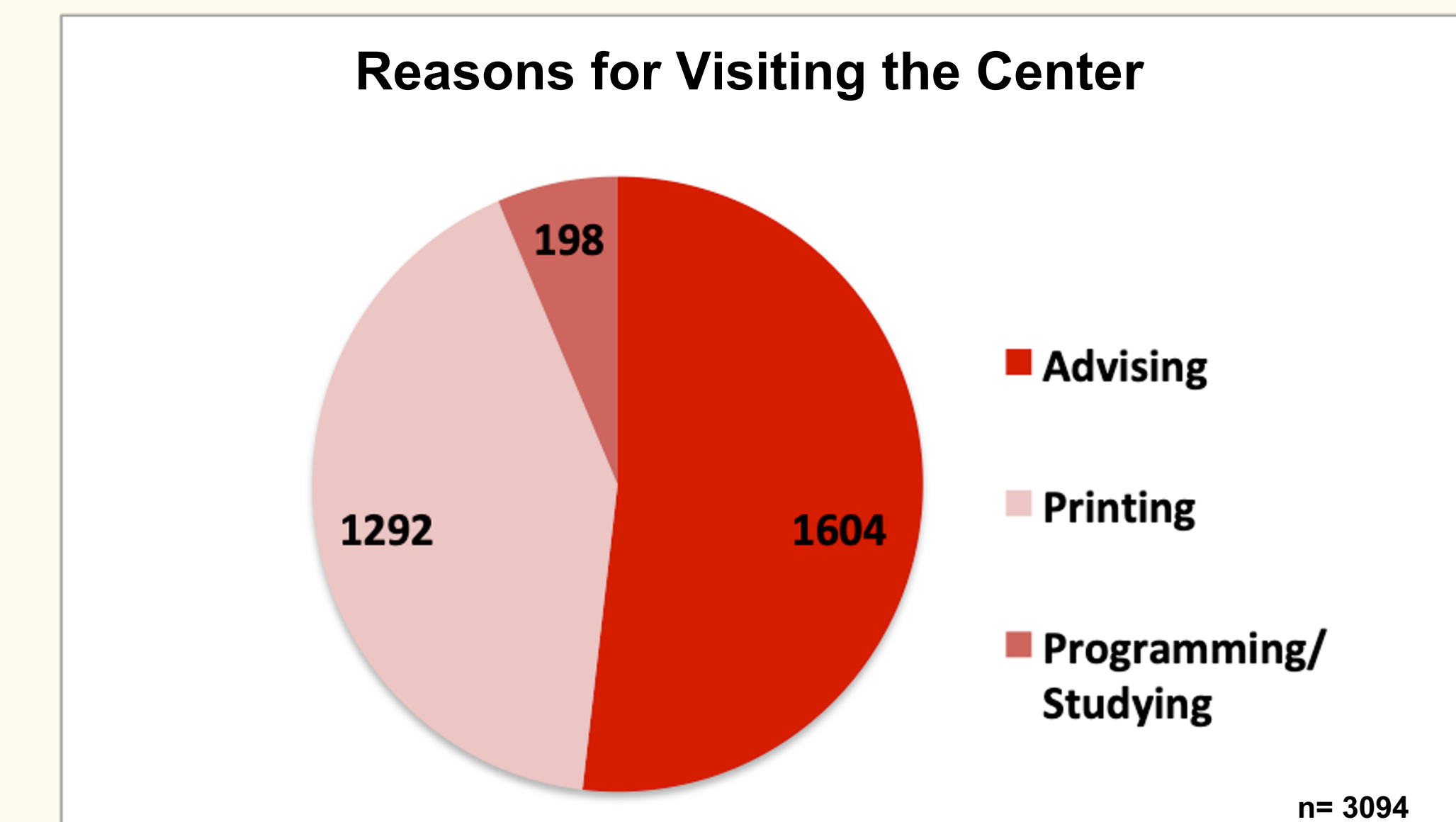
We have significantly less Hispanic, URM and students on academic probation that visit than there are in the CoS population.

GPA	No Visit	Visited SSC	Total
<1.9	125	18	143
2.0-2.9	302	86	388
3.0-4.0	637	266	903
Total	1064	370	1434



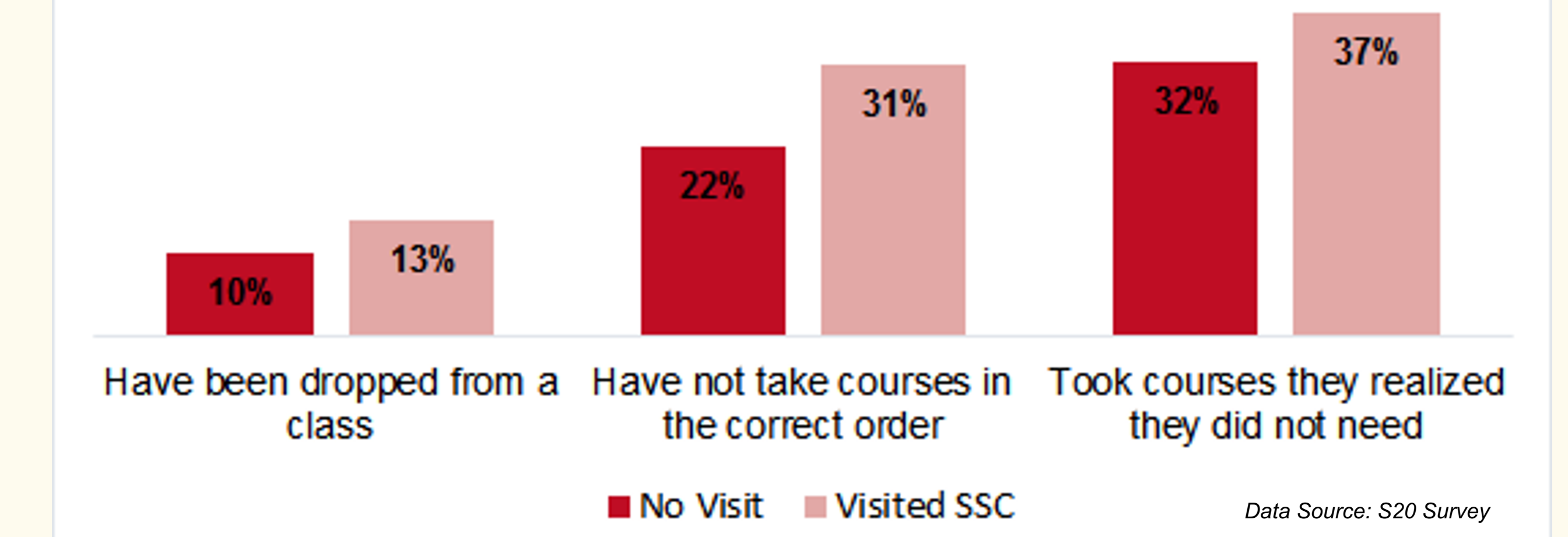
We see a trend of significantly more freshman students with a GPA between 3.0 - 4.0 that visit our center.

Students visit the center for advising and help with courses



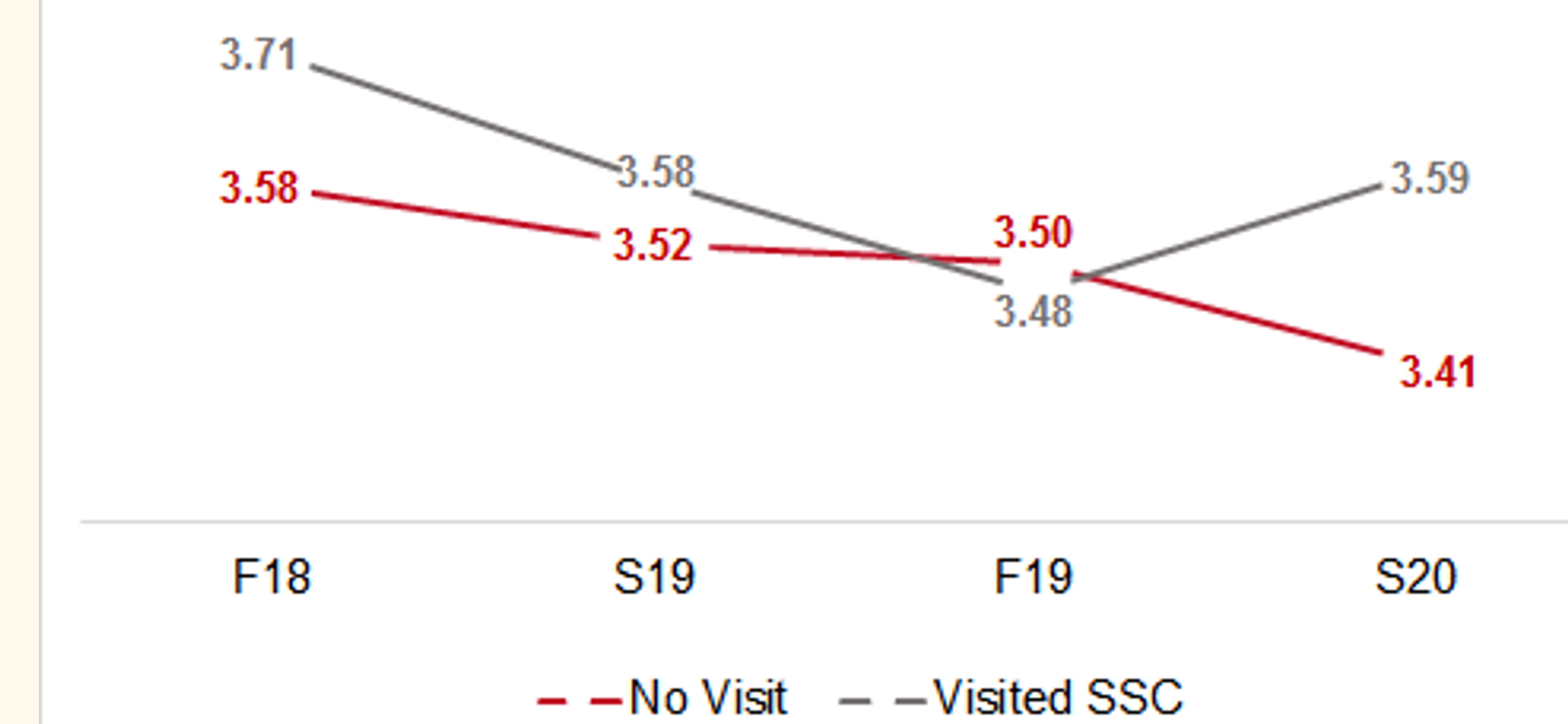
52% of visits were for advising

Students who visit the center may generally need more support with course selection.

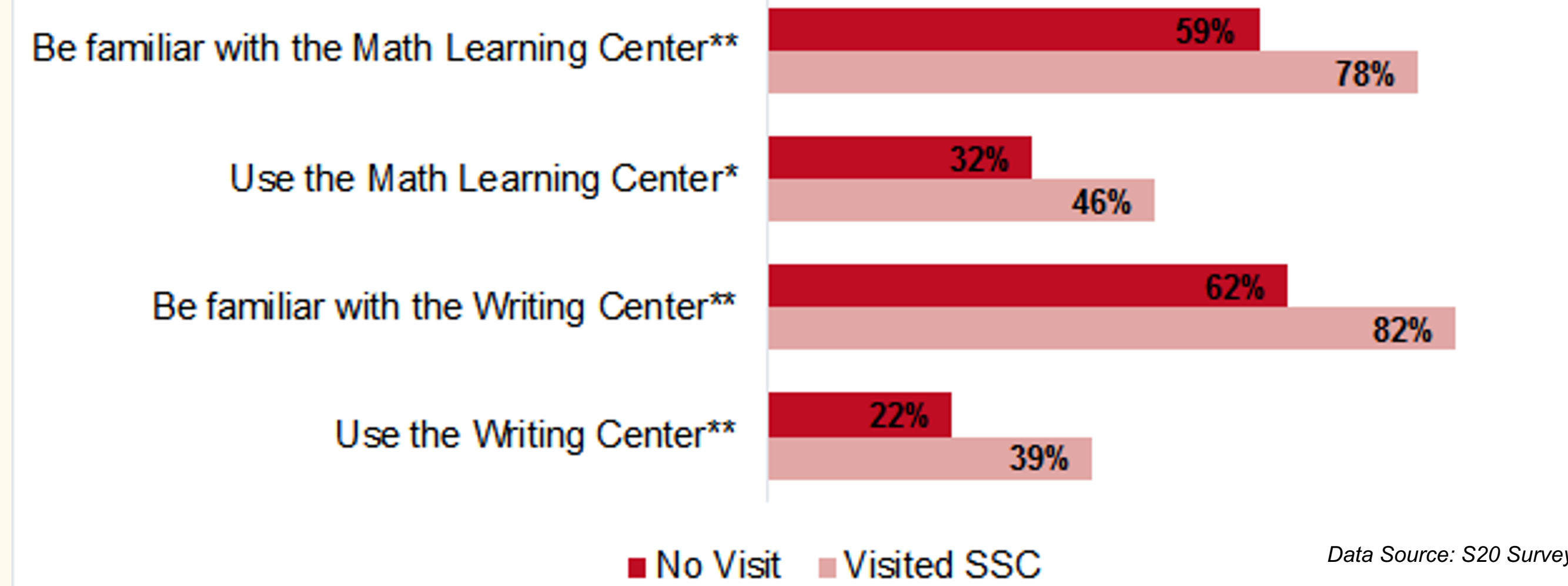


Potential Center Outcomes

On average, students who visited the CoS SSC report a slightly higher sense of belonging to the College of Science.



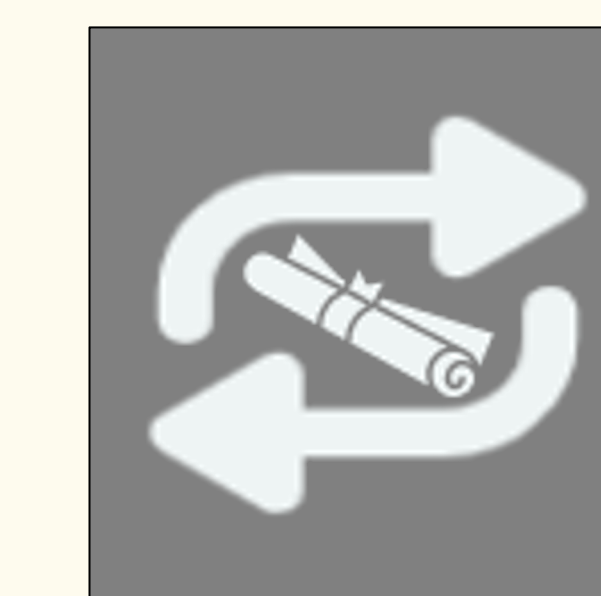
Compared to students who have not visited the CoS SSC, students who *did* visit the center were significantly more likely to...



Compared to CoS students who did not visit the center...



There is a higher proportion of CoS students who visited the center who are familiar with postbac opportunities and career options that their degree can offer.
 Data Source: S20 Survey



There is a lower proportion of students who thought about changing their major among those who visited the center.
 Data Source: S20 Survey

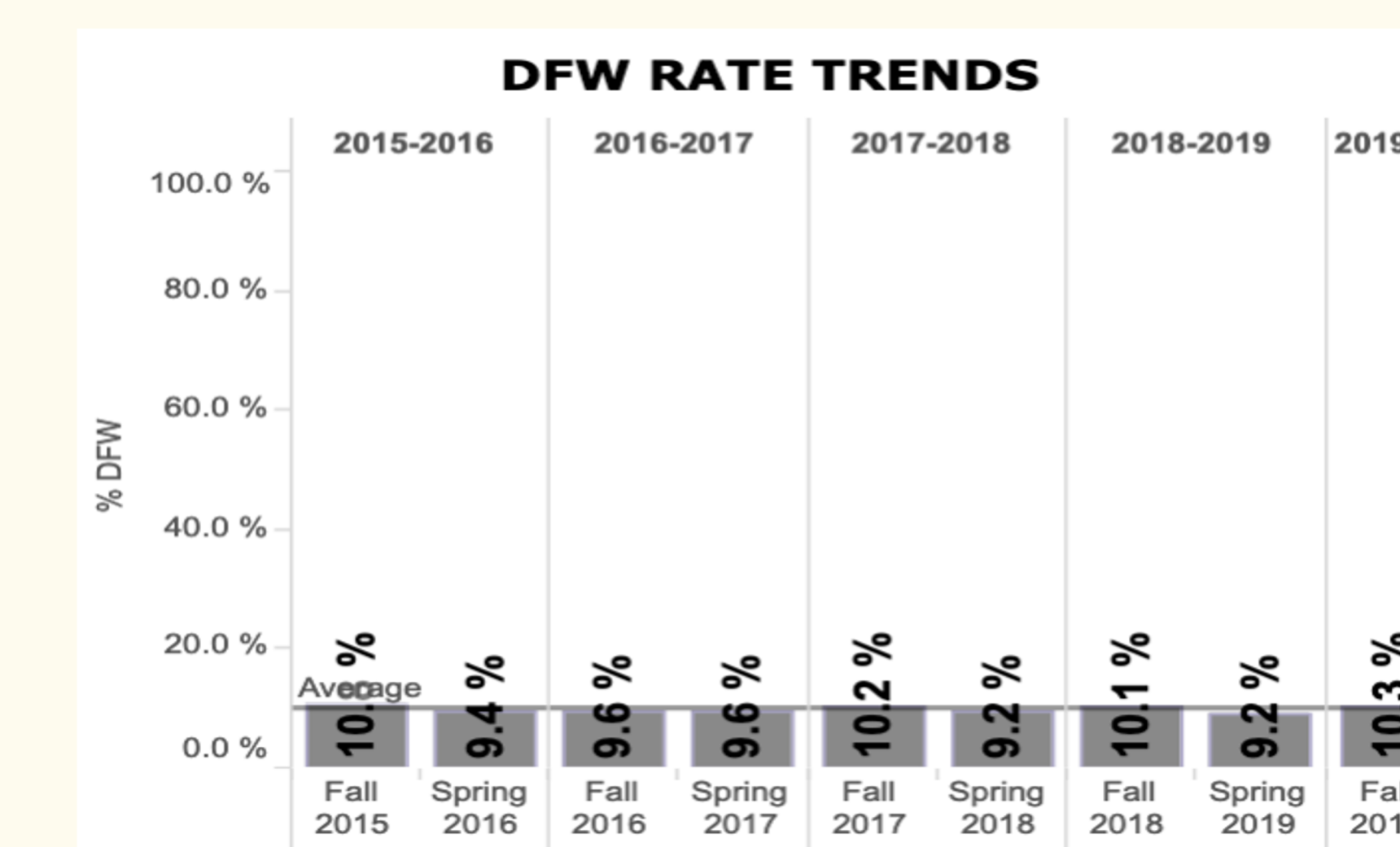
CONCLUSIONS & FUTURE DIRECTIONS

Findings:

- 16.7% of CoS Students used the center
- The CoS SSC is associated with positive outcomes (SoB, knowledge of post doc opps/career options, satisfaction with major)
- We need to target those more at-risk (URM, Hispanic, Academic Probation)

Future Directions:

- Longitudinal data collection - SoB Surveys, Institutional Data, SSEA (DFW)
- Track visits with psych/bio advising centers to determine the effect of all CoS advising
- Collect and analyze participation data on programming (promotes high impact practices)
- Follow a cohort of students- 2018 using SSEA (Retention)



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