



CS-LISTEN Chula Vista HS

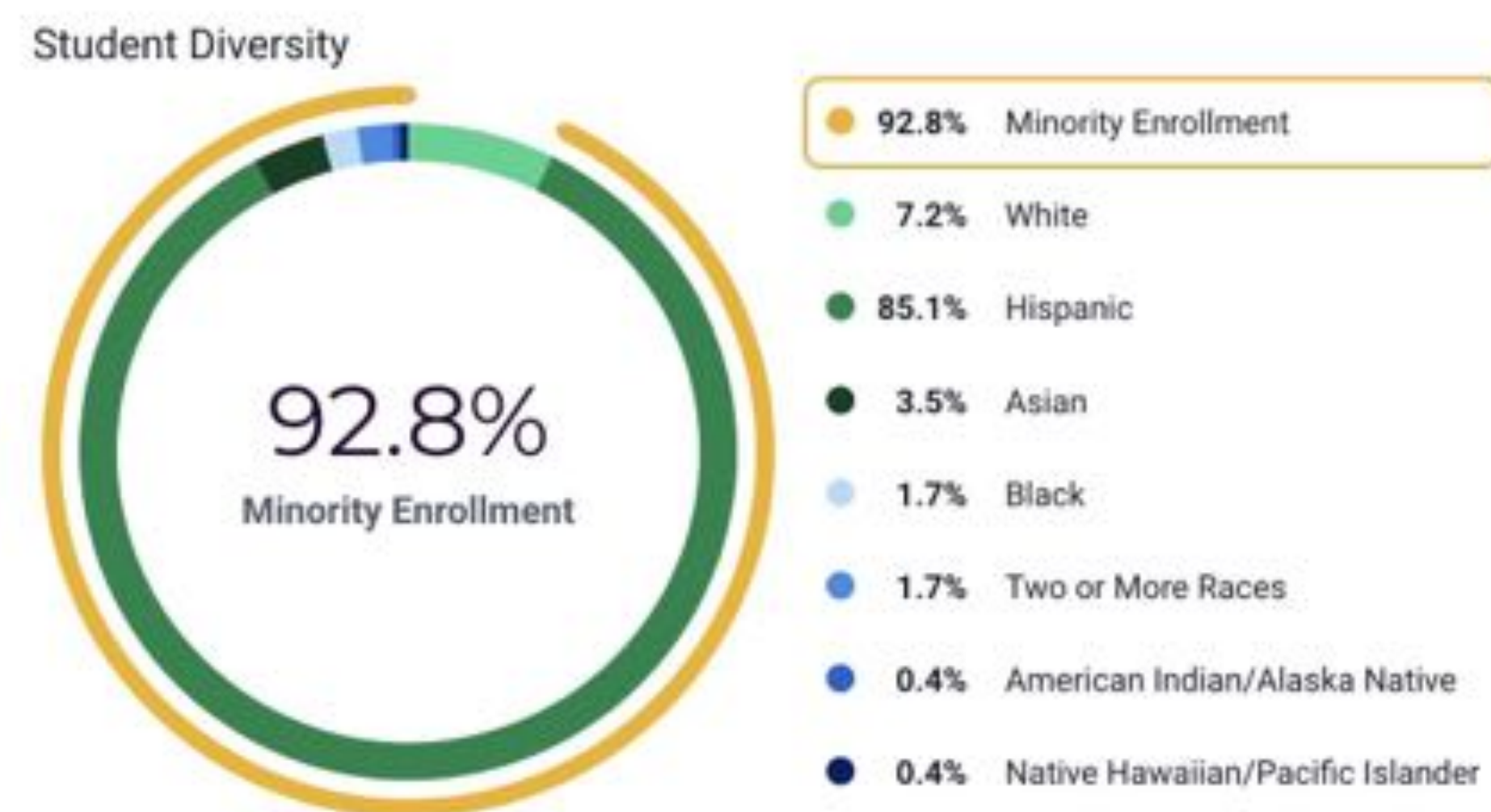
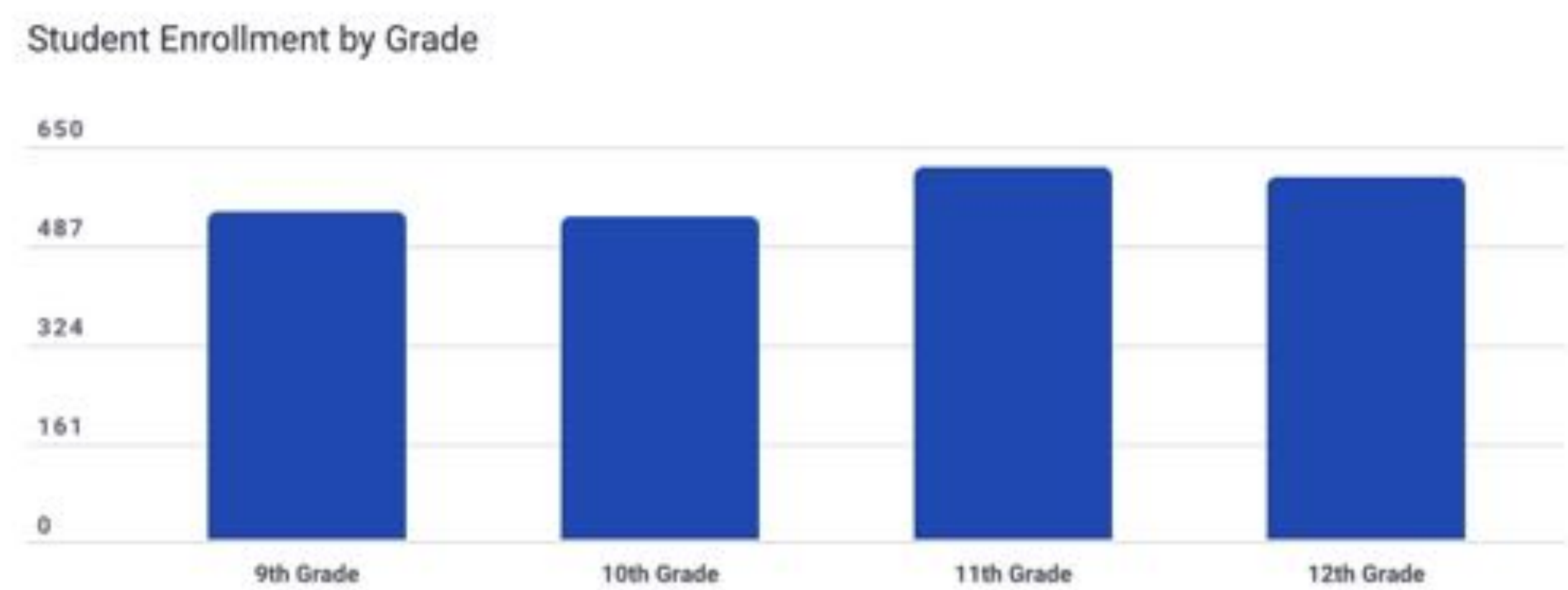


Research Question

WHAT DO COUNSELORS KNOW ABOUT COMPUTER SCIENCE?

BACKGROUND

Total Enrollment 2,271



Total Economically Disadvantaged (% of total) 70%

Free Lunch Program (% of total) 61%

Reduced-Price Lunch Program (% of total) 9%

Full-Time Equivalent Teachers 102



RESULTS

We interviewed nine school counselors at Chula Vista High School and found the following:

1. Less than 30% of the counselors displayed certainty about the benefits and awareness of CS classes on campus (All counselors know the classes are offered, but many did not know details about the courses)
2. Counselors recommend CS classes based on students interests (higher focus on 11th and 12th grade students).
3. Counselors were more likely to recommend CS if students came in already wanting to take a CS classes.

RECOMMENDATIONS

We recommend the following based on the school counselor interviews:

1. Engaging counselors on the depth and breadth of CS courses at Chula Vista High School. Counselors are great advocates and they should be informed about the opportunities with the CS classes.
2. Develop early exposure opportunities for students (9th, 10th grades) so more students can consider CS classes.
3. Add variety to Computer Science classes.

METHODOLOGY

Methods

INTERVIEWS:

We conducted nine in depth interviews with schools counselors at Chiula Vista High.

Data

Our data was a collection of 22 questions we asked schools counselors in order to explore their understanding of Computer Science on campus and their knowledge of how students are exposed to and enroll in CS.

