



# DATA SIZZLE

DATA IS THE NEW BACON!

INSTITUTIONAL EFFECTIVENESS NEWSLETTER



What's inside this issue:

**CAREER TECHNICAL  
EDUCATION OUTCOMES  
SURVEY (CTEOS)  
DASHBOARD**



## CTEOS OUTCOMES SURVEY (CTEOS)

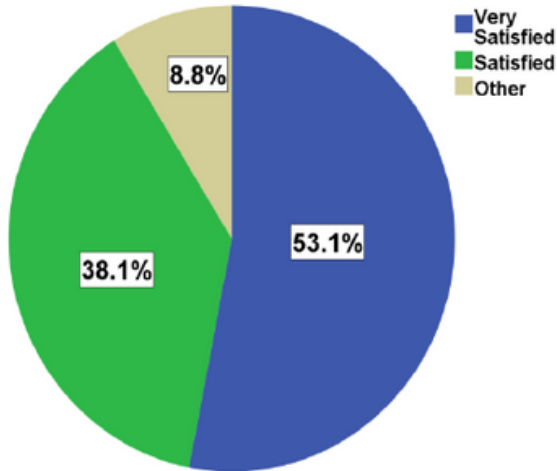
The CTEOS is an annual survey conducted by Santa Rosa Junior College and administered by participating California community colleges. The survey collects data from students that have earned a CTE certificate or degree (completers) or have completed nine plus units in a CTE skill area (skill builders). The most recent survey included students who met the above criteria in 2019-20 and did not enroll in 2020-21. The survey, which was administered in 2022, asks questions ranging from satisfaction with the college and program, to current and past employment, and changes in wages. The survey is a useful tool to assess the impact of CTE programs on student employment subsequent to enrollment. These data can be used with program review planning and other types of program analysis.

For more information on the survey and reports, you can navigate to the Santa Rosa Junior College with the link: <https://cteos.santarosa.edu>

# CTEOS DATA

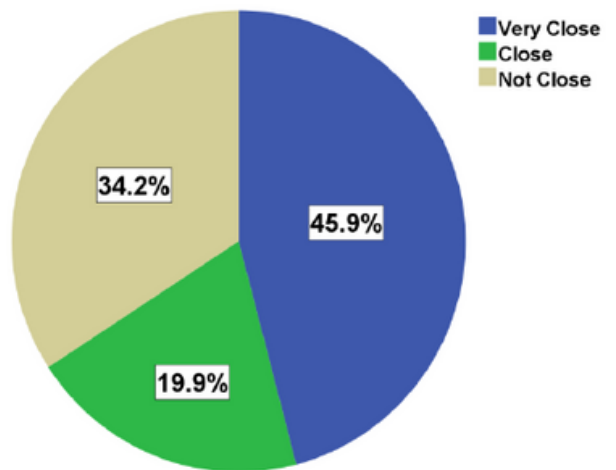
## 2022 Allan Hancock College Student Responses

*How satisfied are students with the education and training they received?*



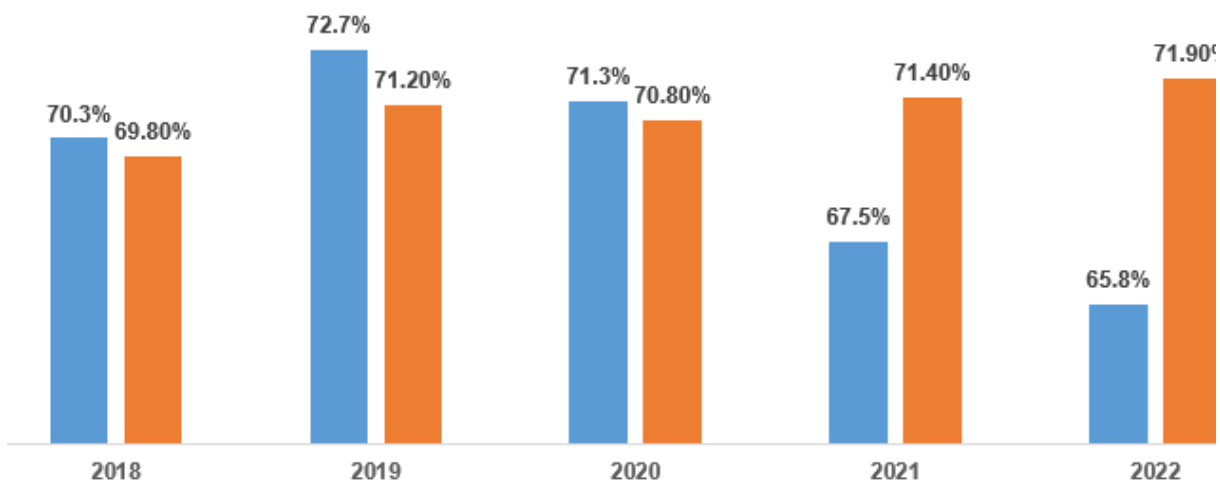
A total of 1,550 AHC students were surveyed, and 298 (19%) responded. Statewide, 172,406 students were surveyed with 35,270 (20%) students responding. Among the AHC student respondents, 91.2% were satisfied or very satisfied with the training they received. This response compares favorably to the statewide response of 89.9% satisfaction.

*How many students secured a job that is closely related to their program of study?*



An important measure of training value is whether students find employment in a related field of study. Approximately 65.8% of AHC Students in the 2022 CTEO Survey were employed in a closely related field of study, compared to 71.9% statewide. The 2022 AHC student responses were below that in prior years; the chart below shows a decline in favorable responses at AHC from 2019 to present. It is not known at this time if the decline is an artifact of local COVID driven labor market trends and/or specific to certain programs where employment opportunities were impacted; the IE office will follow up with additional analysis to assess these trends..

### Students Reported Working in Related Field



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# 2022 CTEOS Student Responses

## Wage Gains After Training



AHC respondents from this survey cycle reported a 47% pay increase in median wages post training compared to a 67% increase statewide. The rate of post training increase for AHC alumni was comparable to that of 2019 and 2020, but below the 71% increase in 2021. Coinciding with the decline in wage gains at AHC was the decline in students reporting full-time employment (from 76% to 62%), which again could be an artifact of local labor market impacts of COVID.

## Wage Gains and Similarity to Job and Program of Study

The degree to which students find employment in a related field of study correlates to median wage growth. AHC students who found work in a very close field of study reported a median increase of \$7.25/hour compared to an increase of \$3.70 for those not working in a closely related field. These results along with the reduction in the percent of respondents working full-time and those working in a related field of study explains the reduction in median wage increase between 2021 and 2022. Still however, AHC respondents did report a median wage increase of 47% in a region with less elasticity to pivot online than urban regions with more high tech employment.

### Median Wage Growth and Similarity to Program of Study



## Conclusion

Additional results of the survey showed that completing CTE training – whether or not a credential is earned, and whether or not a student transfers – is related to positive employment outcomes. The preponderance of respondents are employed and are working in the same field as their studies or training. Notably, students realize a greater wage gain after completing their studies if they secure a job that is similar to their program of study. The latter point enforces the need to ensure students have adequate post education job search support.



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