

Career & Technical Education Employment Outcomes Survey

2017-2023 Overview



SAN DIEGO MIRAMAR COLLEGE
OFFICE OF PLANNING, RESEARCH, AND INSTITUTIONAL
EFFECTIVENESS

CTEOS Overview

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- The CTE Outcomes Survey is a statewide survey administered **annually** for the Chancellor's Office, to assess the **employment outcomes** of students who have participated in career technical education (CTE) coursework at California Community Colleges.
- Snapshot of 2023 CTEOS Study at Miramar College
- Trend Analysis: 2017-2023

Miramar College 2023 CTEOS Summary

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- The 2023 survey addressed student perceptions of their CTE program, employment outcomes, and how their coursework and training relate to their current career.
- A total of 1923 students were surveyed and 415 (22%) students responded: 32% by email, 56% by phone, 5% by SMS Link, and 7% by 2-way SMS.

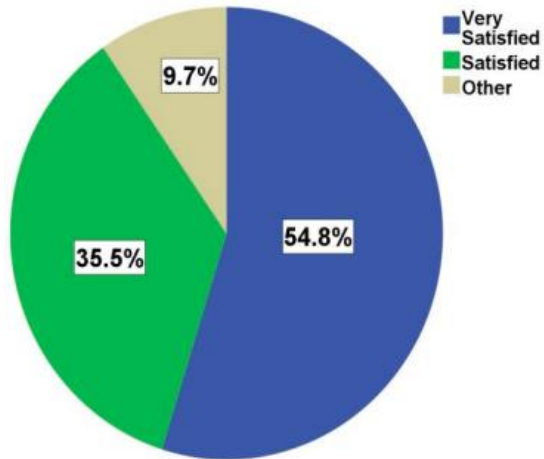
Miramar College 2023 CTEOS Summary

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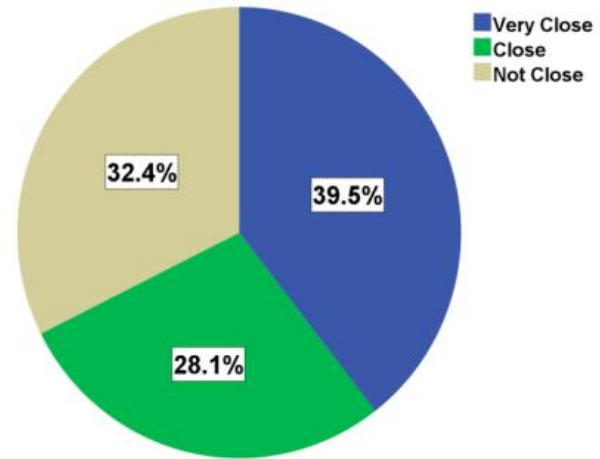
- **90%** of respondents reported being very satisfied or satisfied with their training
- **\$8.50** is the overall change in hourly wages after completing training—in dollars
- **45%** is the overall change in hourly wages after completing training—in percentage gain
- **81%** of respondents reported being employed for pay
- **40%** of respondents reported transferring to another college or university

2023 CTEOS Report (Miramar College):

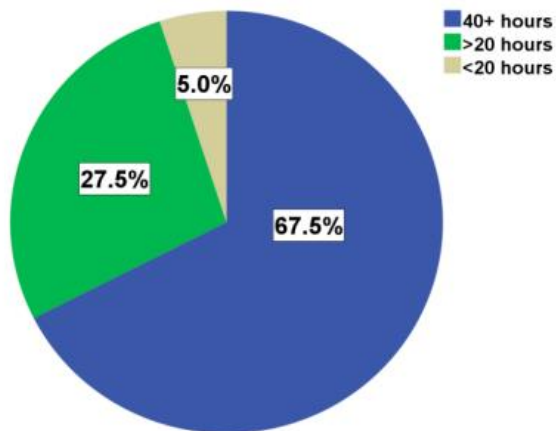
How satisfied are students with the education and training they received?



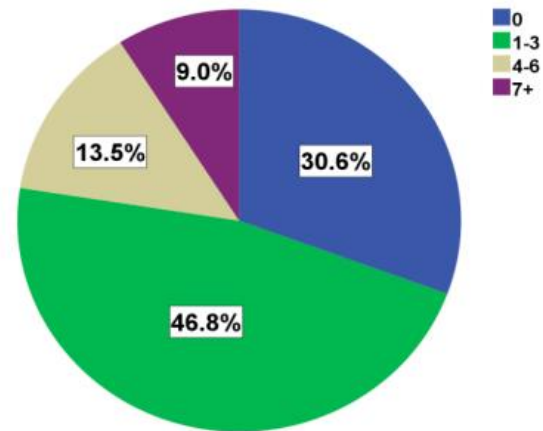
How many students secured a job that is closely related to their program of study?



How many hours per week are employed students working?

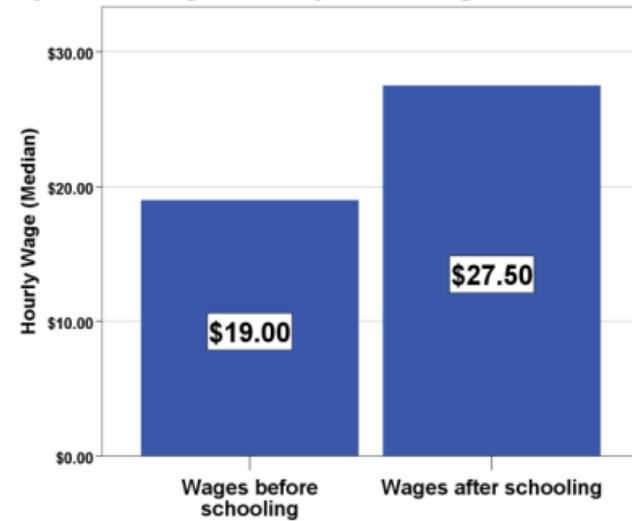


How many months did it take for students to find a job?

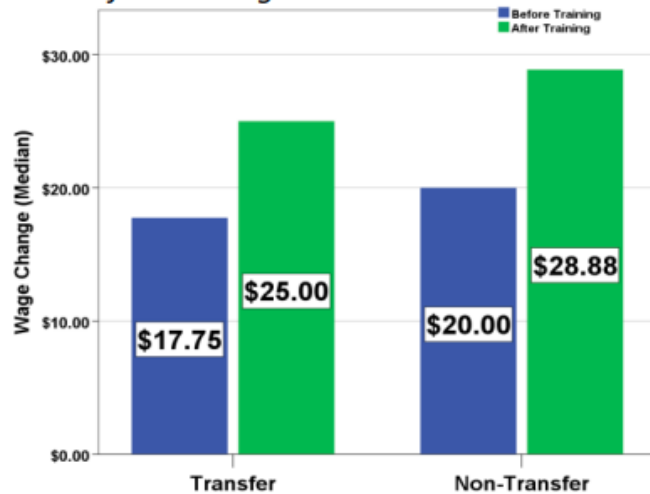


2023 CTEOS Report (Miramar College):

What were the hourly wages of the students before training versus after training?



What were the hourly wages of transfer students and non-transfer students—before training versus after training?



Does the similarity between job and program of study influence wage gains?



2017-2023 Findings Summary

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- Overall, **more than half** of the students consistently reported to be “**very satisfied**” with the education and training they received.
 - Slightly more students (9.7%) did not report to be satisfied in 2023 when compared with previous years
- Most students reported to have secured a job that **closely relates** to their program of study.
 - The percentage fluctuated before 2020, and shows a downward trend from 2021 to 2023
- Most employed students are **full-time employed** (40+ hours)
 - More students work >20 hours in 2023 than in 2022.
 - The percentage of full time (40+ hours) employed students shows a downward trend since 2021
- Most students took **1-3 months to find a job**. In 2023, less students reported to have taken 7+ months to find a job compared with previous years.

2017-2023 Findings Summary

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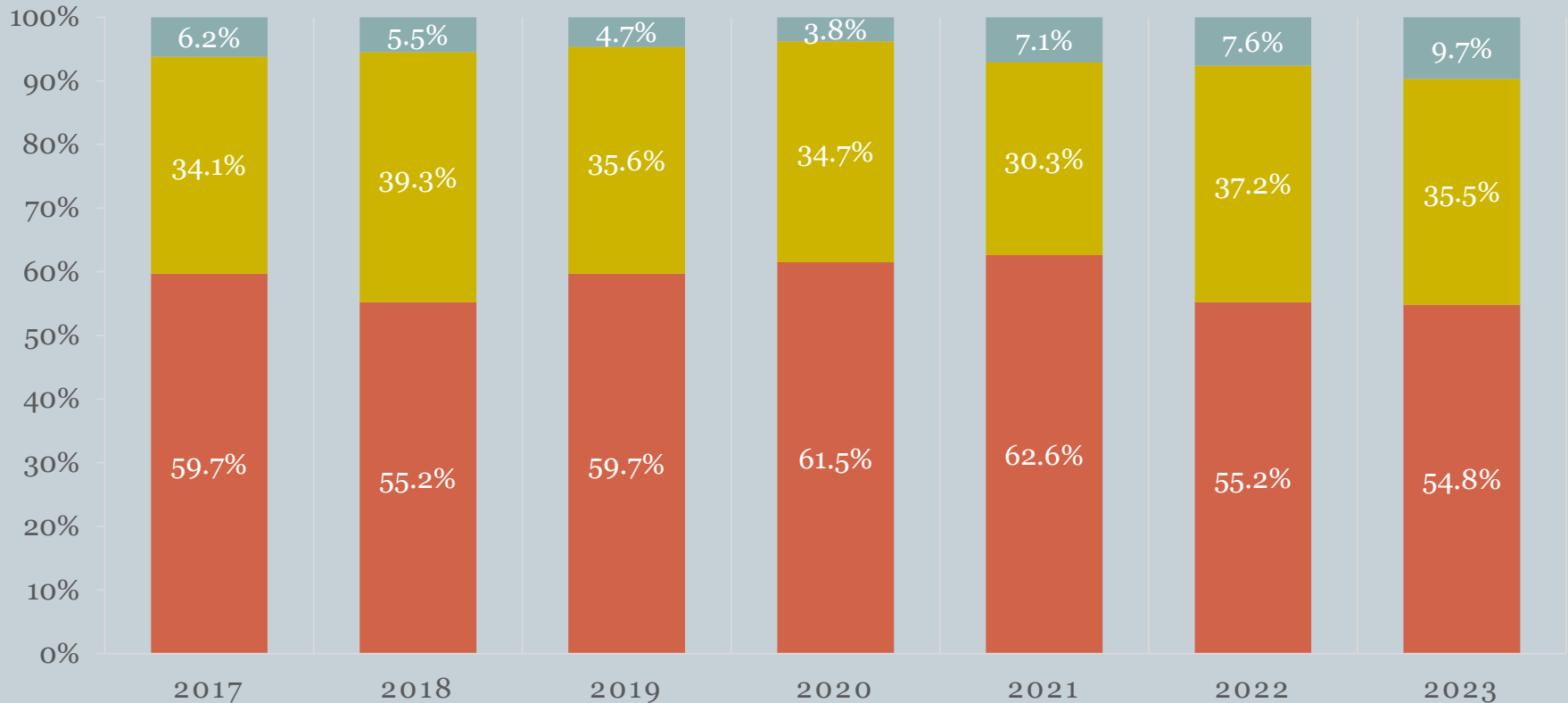
- Overall, CTE training significantly increased student wages. In 2023, the median wage increase was \$8.5 an hour, or 45%.
- Non-transfer students earned higher wages both before and after training when compared with transfer students.
 - The difference between transfer and non-transfer is greater after training
- Students' wage increase is the highest when their job placement is very close to their program of study.
 - In 2023, the wage increase is equal between “close” and “very close”

7 Year Trend: Satisfaction

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

Very Satisfied Satisfied Other

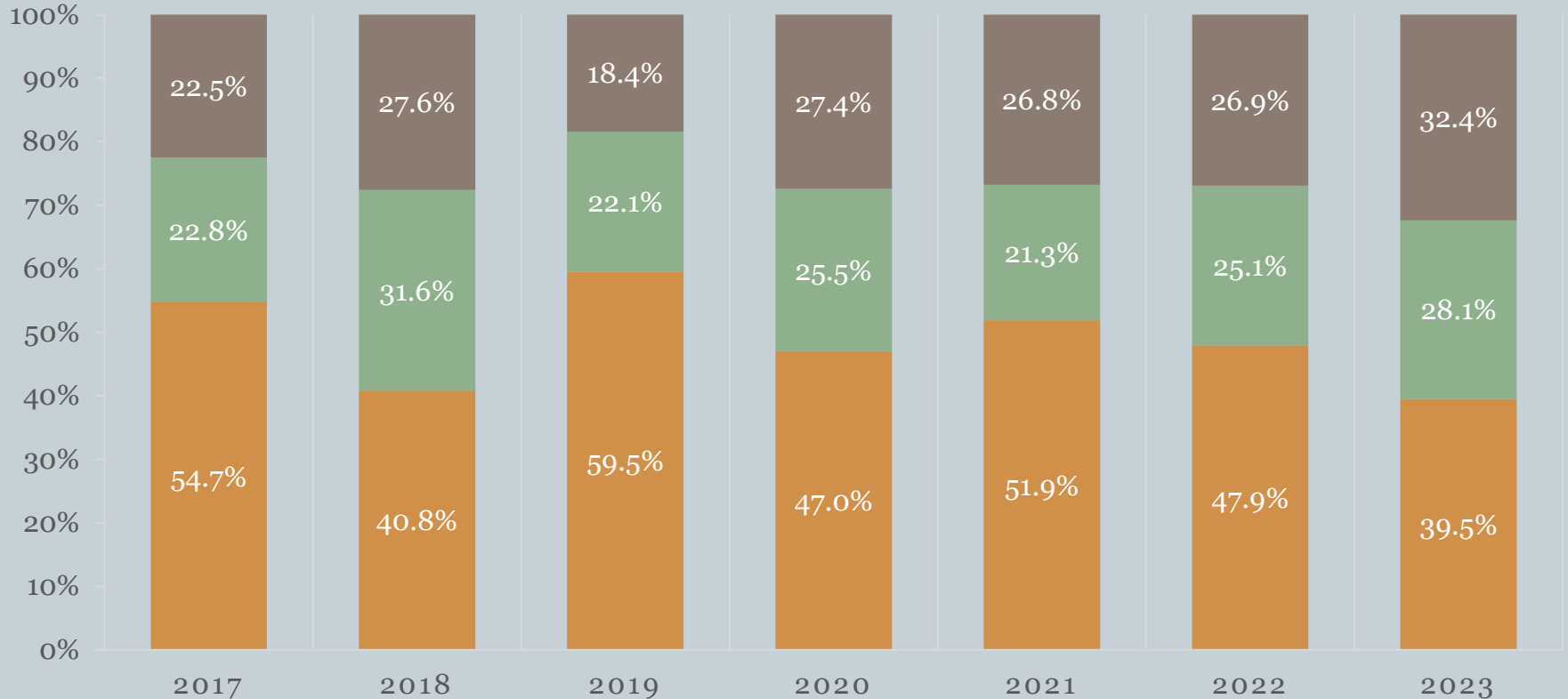


7 Year Trend: Job Placement

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

Very Close Close Not Close

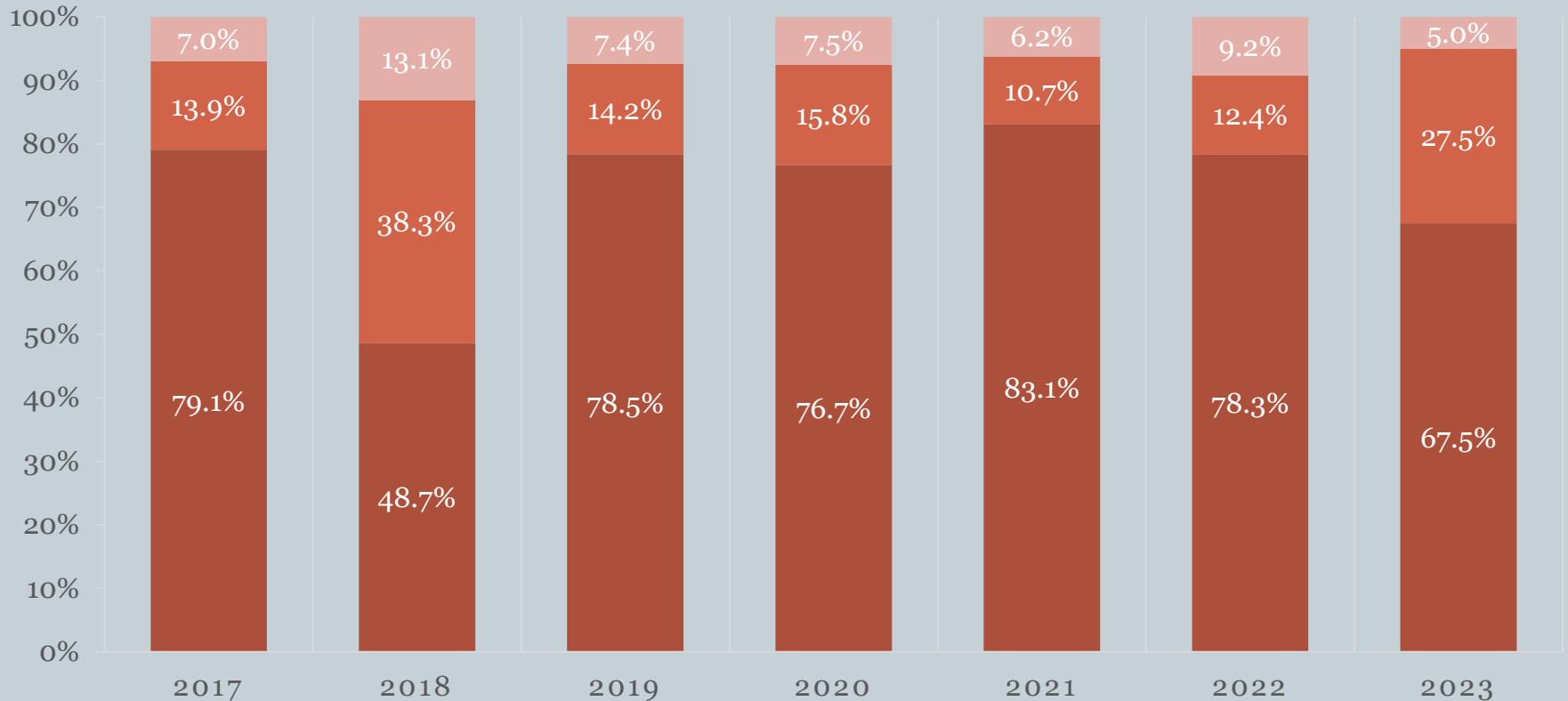


7 Year Trend: Work Hours

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“How many hours per week are employed students working?”

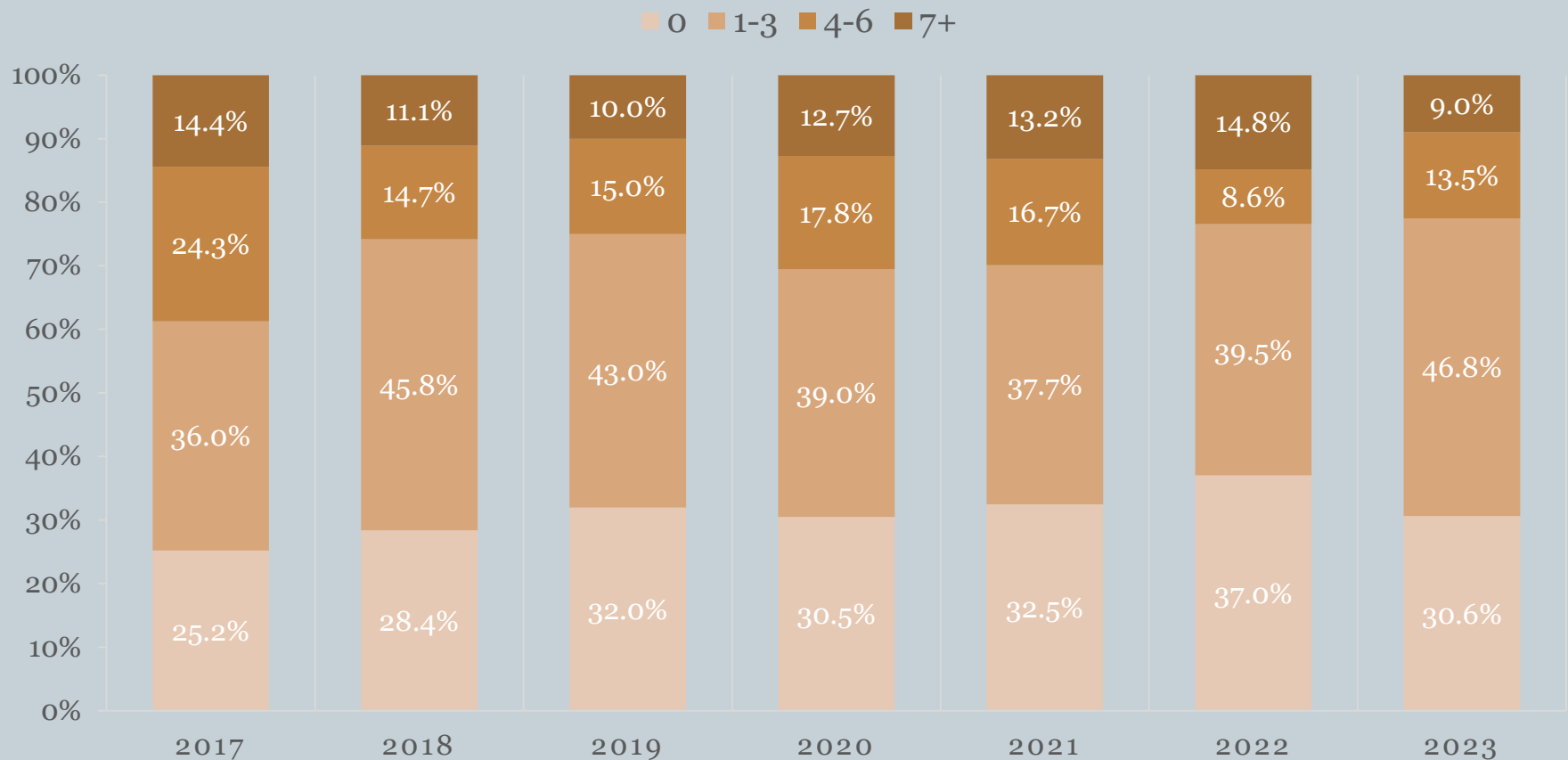
■ 40+ Hours ■ >20 Hours ■ <20 Hours



7 Year Trend: Job Search Duration

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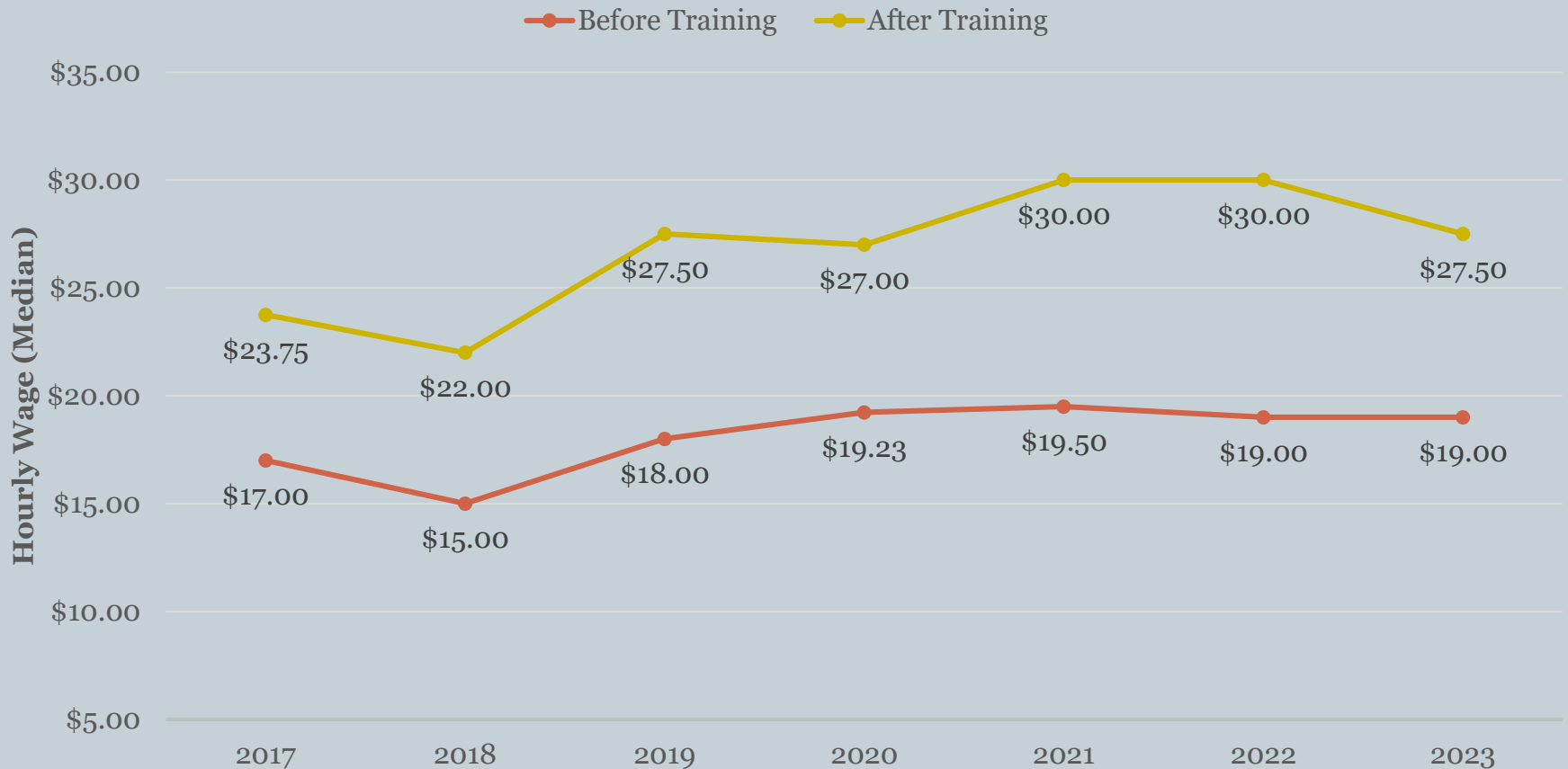
“How many months did it take for students to find a job?”



7 Year Trend: Hourly Wage Gain

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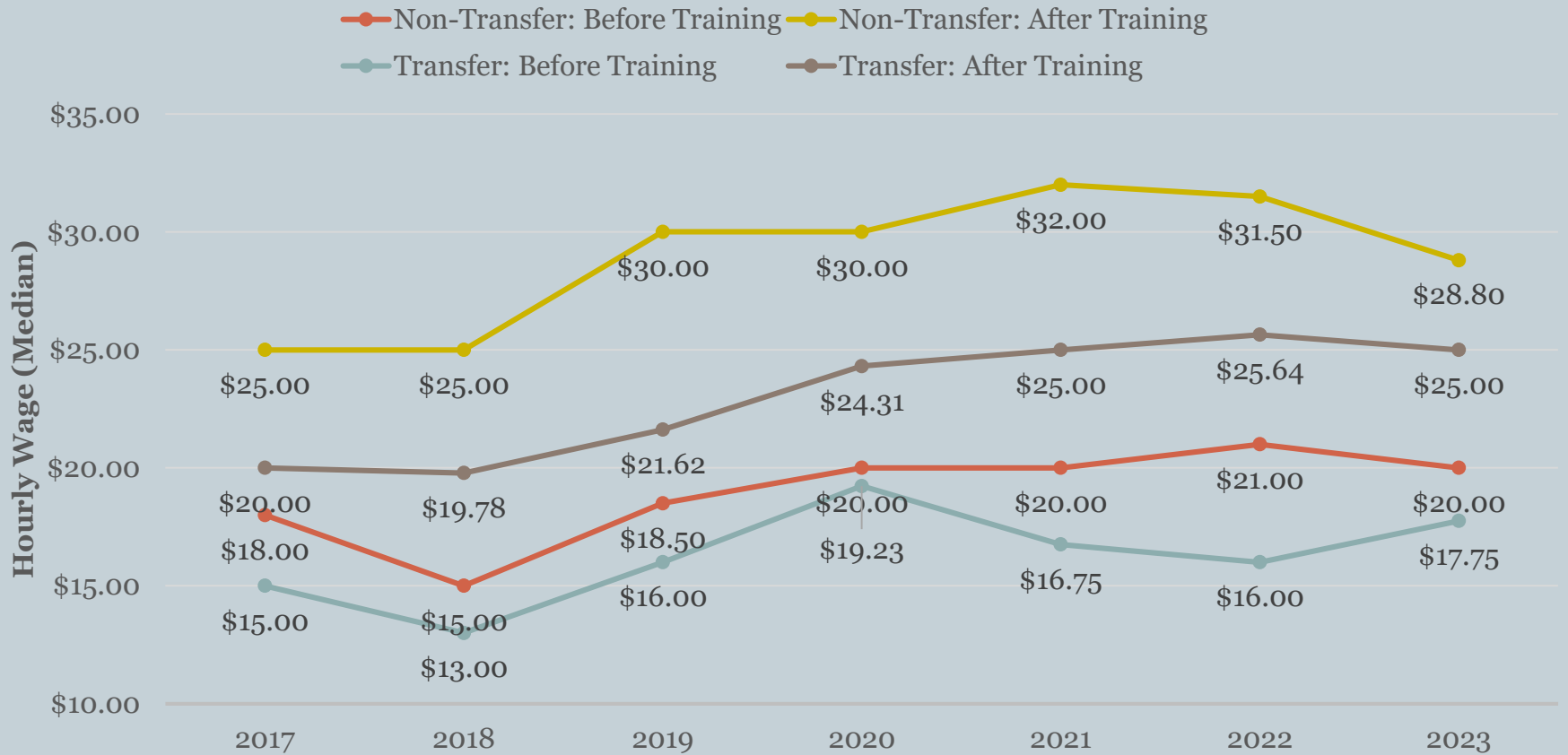
“What were the hourly wages of the students before training versus after training?”



Hourly Wage Gain (Transfer Status)

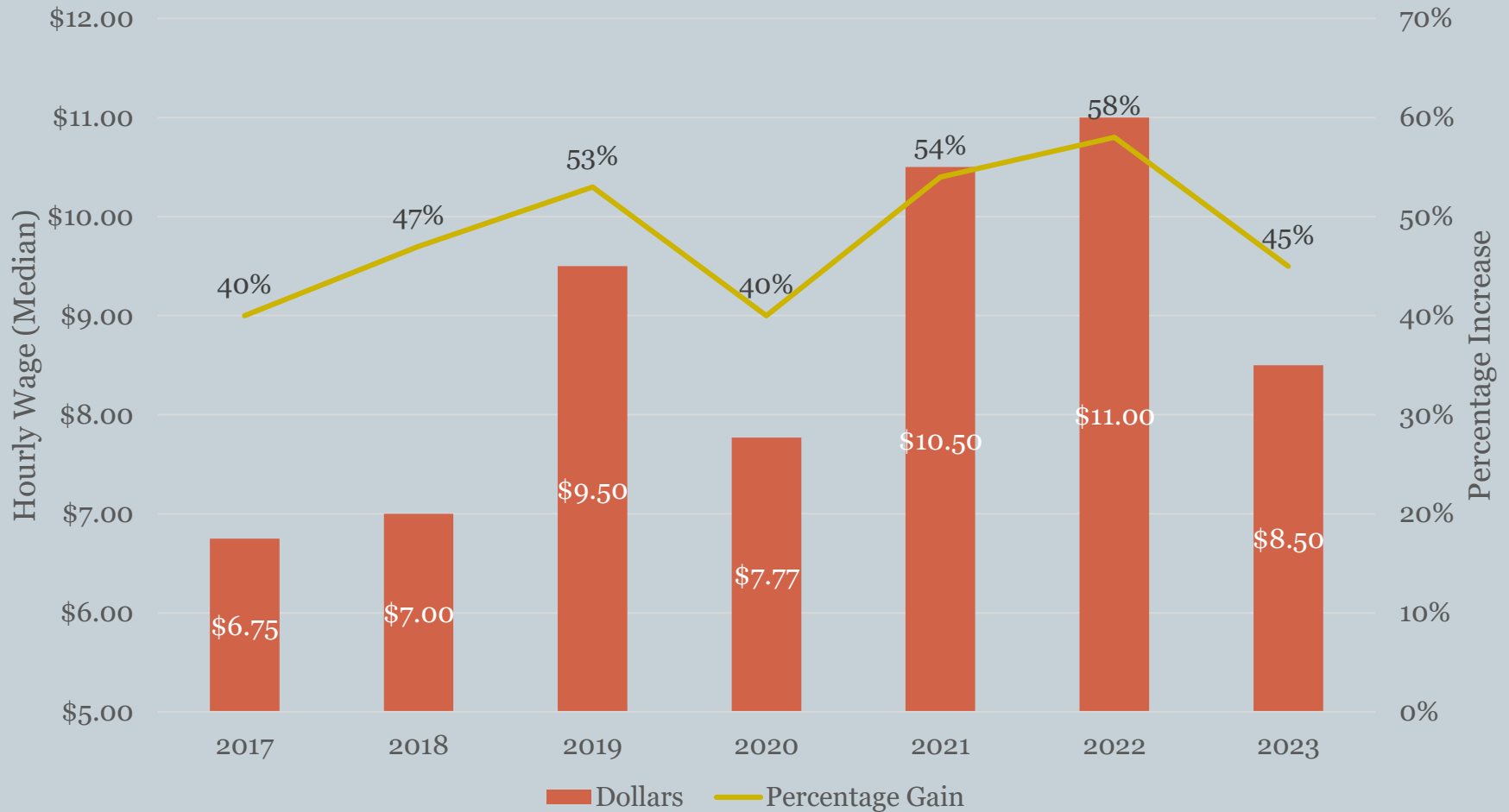
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“What were the hourly wages of transfer students and non-transfer students before training versus after training?”



Hourly Wage Gains (Percentage/Dollar)

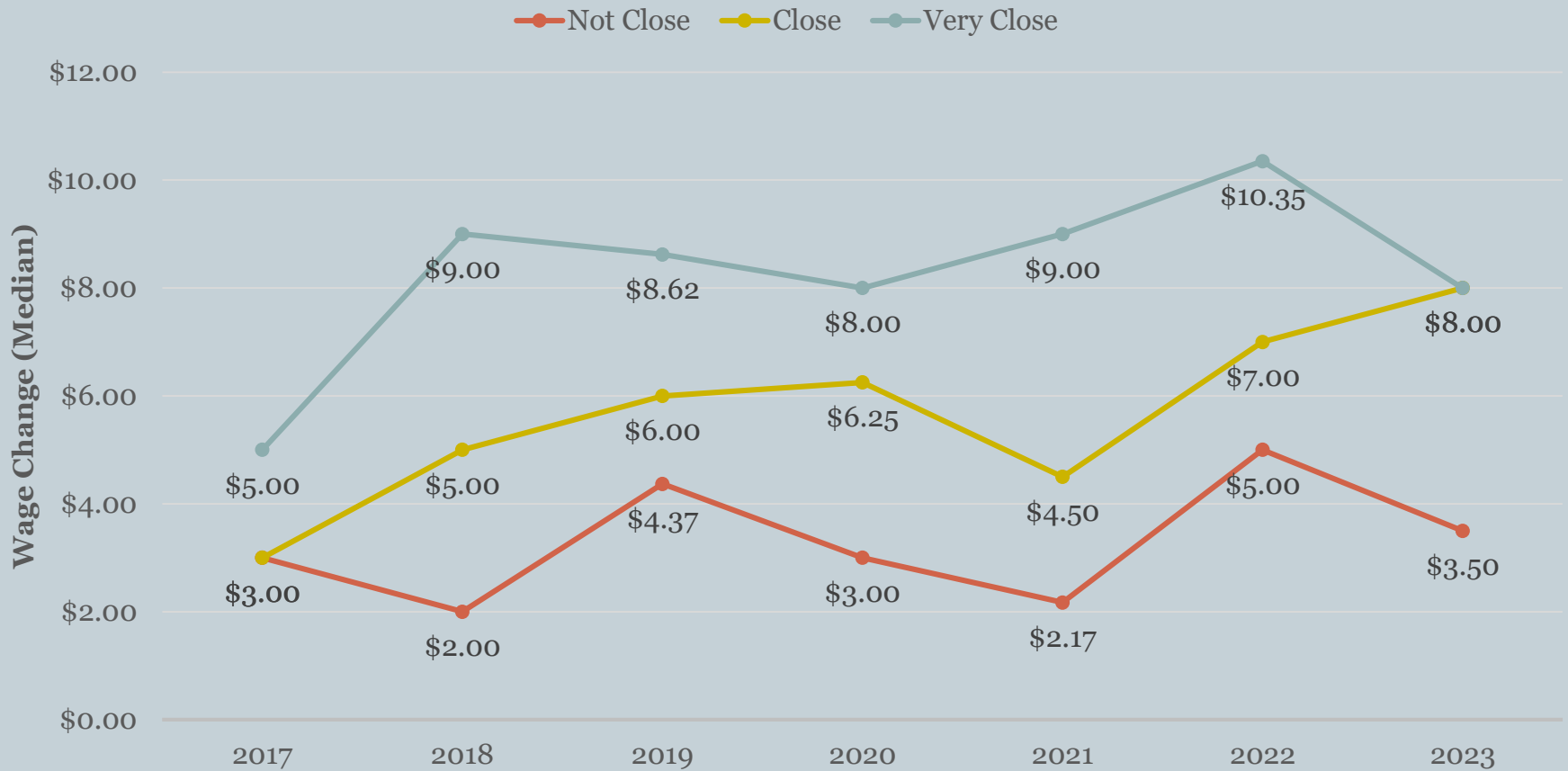
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7 Year Trend: Job Placement and Wage Gains

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“Does the similarity between job and program of study influence wage gains?”



7 Year Trend: Current Employment Status

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- Employed at One Job
- Employed at More Than One Job
- Self-Employed
- Unpaid Work, Seeking Paid Work
- Unemployed, Seeking Work
- Unemployed, Not Seeking Work
- Unpaid Work, Not Seeking Paid Work

