

# The Economic Value of Moreno Valley College's Career and Technical Education



Moreno Valley College's Career and Technical Education (MVC's CTE) creates a significant positive impact on the business community and generates a return on investment to its major stakeholder groups—students, taxpayers, and society. Using a two-pronged approach that involves an economic impact analysis and an investment analysis, this study calculates the benefits received by each of these groups. Results of the analysis reflect fiscal year (FY) 2023-24.

### Economic impact analysis

In FY 2023-24, MVC's CTE added **\$69.8 million** in income to the MVC Service Area<sup>1</sup> economy, a value approximately equal to **0.6%** of the region's total gross regional product (GRP). Expressed in terms of jobs, MVC's CTE impact supported **606 jobs**.



The MVC Service Area  
(in Riverside County, CA)

<sup>1</sup> For the purposes of this analysis, the MVC's CTE Service Area is comprised of the following 12 zip codes in Riverside County: 92508, 92518, 92551, 92552, 92553, 92554, 92555, 92556, 92557, 92570, 92571, and 92599.

## Operations spending impact

- MVC employed 104 full-time and part-time CTE faculty and staff.<sup>2</sup> Payroll amounted to \$34.5 million, much of which was spent in the region for groceries, mortgage and rent payments, dining out, and other household expenses. The college spent another \$18.3 million on its expenses related to CTE facilities, supplies, and professional services.<sup>3</sup>
- The net impact of the college's CTE operations spending added **\$36.2 million** in income to the regional economy in FY 2023-24.

## Student spending impact

- Around 54% of CTE students attending MVC originated from outside the region. Some of these CTE students relocated to the MVC Service Area. In addition, some in-region CTE students, referred to as retained CTE students, would have left the MVC Service Area for other educational opportunities if not for MVC's CTE. These relocated and retained CTE students spent money on groceries, mortgage and rent payments, and other living expenses at regional businesses.
- The expenditures of relocated and retained CTE students in FY 2023-24 added **\$10.1 million** in income to the MVC Service Area economy.

## Alumni impact

- Over the years, CTE students have studied at MVC and entered or re-entered the workforce with newly acquired knowledge and skills. Today, thousands of these former CTE students are employed in the MVC Service Area.
- The net impact of MVC's former CTE students currently employed in the regional workforce amounted to **\$23.5 million** in added income in FY 2023-24.

## Investment analysis

### Student perspective

- MVC's FY 2023-24 CTE students paid a present value of **\$6.2 million** to cover the cost of tuition, fees, and supplies. They also forwent a value of **\$20.8 million** in time and money had they been working instead of attending college.
- In return for their investment, CTE students will receive a cumulative present value of **\$187.7 million** in increased earnings over their working lives. This translates to a return of **\$7.00** in higher future earnings for every dollar CTE students invest in their education. CTE students' average annual rate of return is **22.8%**.

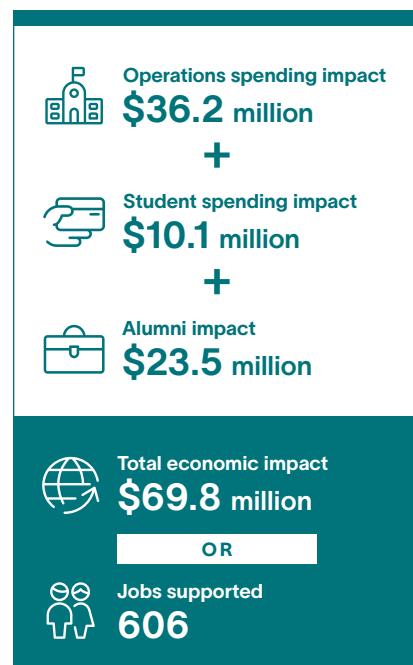
### Taxpayer perspective

- Taxpayers provided MVC's CTE with **\$41.5 million** of funding in FY 2023-24. In return, they will benefit from added tax revenue, stemming from CTE students'

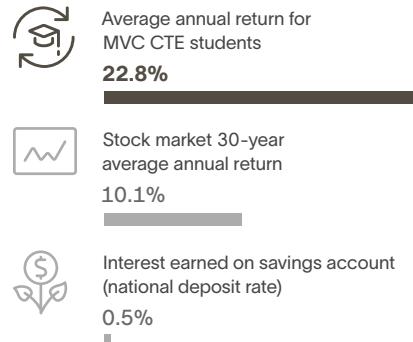
<sup>2</sup> Due to data limitations, the number of CTE faculty and staff was estimated by Lightcast using a proportion based on CTE credits.

<sup>3</sup> Due to data limitations, CTE revenue and expenditure data were estimated by Lightcast using a proportion based on CTE credits.

Impacts created by  
MVC's CTE in FY 2023-24



CTE students see a high rate of return for their investment in MVC's CTE



Source: Forbes' S&P 500, 1994-2023;  
FDIC.gov, March 2023

higher lifetime earnings and increased business output, amounting to **\$69.1 million**. A reduced demand for government-funded services in California will add another **\$13.1 million** in benefits to taxpayers.

- Total taxpayer benefits amount to **\$82.1 million**, the present value sum of the added tax revenue and public sector savings. For every dollar of public money invested in MVC's CTE, taxpayers will receive **\$2.00** in return over the course of CTE students' working lives. The average annual rate of return for taxpayers is **4.6%**.

#### Social perspective

- In FY 2023-24, California invested **\$77.8 million** to support MVC's CTE. In turn, the California economy will grow by **\$890.5 million**, over the course of CTE students' working lives. Society will also benefit from **\$17.8 million** of public and private sector savings.
- For every dollar invested in MVC's CTE in FY 2023-24, people in California will receive **\$11.70** in return, for as long as MVC's FY 2023-24 CTE students remain active in the state workforce.

For every \$1...	
<b>CTE students</b> gain in lifetime earnings	<b>\$7.00</b>
<b>Taxpayers</b> gain in added tax revenue and public sector savings	<b>\$2.00</b>
<b>Society</b> gains in added income and social savings	<b>\$11.70</b>

