

# Analysis of the Economic Impact and Return on Investment of Education

The economic value of Contra Costa Community College District

FY 2016-17

# Emsi & Community Colleges

ADVISORS IN LABOR MARKET INFORMATION

**15+**

Years working with  
community colleges

**1/2+**

Of U.S. community colleges have  
used Emsi's economic impact studies

**1.2M**

Students used Emsi's career  
pathways tools last year

**6 of 10**


2017 Aspen Prize finalists  
are Emsi customers

# **WHAT IS AN ECONOMIC IMPACT ANALYSIS?**

Measures how an event or institution affects the local economy.

# **WHAT IS AN INVESTMENT ANALYSIS?**

A comparison of the costs and benefits to determine the return on investment.



# About Contra Costa County



**\$78 billion**  
TOTAL GROSS  
REGIONAL PRODUCT (GRP)

**565,318**  
TOTAL JOBS

AVERAGE EARNINGS BY EDUCATION LEVEL  
AT CAREER MIDPOINT



## 4CD in FY 2016-17

**51,281**

CREDIT STUDENTS SERVED

**\$198.4 million**

TOTAL PAYROLL/BENEFITS

**4,559**

EMPLOYEES

**\$34.3 million**

TOTAL TUITION REVENUE

**14%**

STUDENTS FROM OUTSIDE  
THE REGION

**3,054**

DEGREES & CERTIFICATES  
AWARDED

# OVERVIEW OF RESULTS

**\$1.8 billion**

TOTAL INCOME ADDED  
IN THE REGION

**22,510**

TOTAL JOBS SUPPORTED  
IN THE REGION

**18.6%**

RATE OF RETURN TO STUDENTS

**8.1%**

RATE OF RETURN TO TAXPAYERS

**2.3%**

OF REGION'S GRP

## Operations Spending Impact

College payroll and other  
spending + ripple effects

**\$270.6 million**

ADDED REGIONAL  
INCOME

or

**5,390**

JOBS SUPPORTED  
IN THE REGION

## Student Spending Impact

Retained student spending +  
ripple effects

**\$34.8 million**

ADDED REGIONAL  
INCOME

or

**313**

JOBS SUPPORTED  
IN THE REGION

## Alumni Impact

Higher alumni earnings  
and increased business profit  
+ ripple effects

**\$1.5 billion**

ADDED REGIONAL  
INCOME

or

**16,807**

JOBS SUPPORTED  
IN THE REGION

*All results measured in income, not sales.  
Results are net of counterfactual scenarios.*

# Total Impact

**\$1.8 billion**

TOTAL INCOME ADDED  
IN THE REGION

or

**2.3%**

OF REGION'S GRP

**22,510**

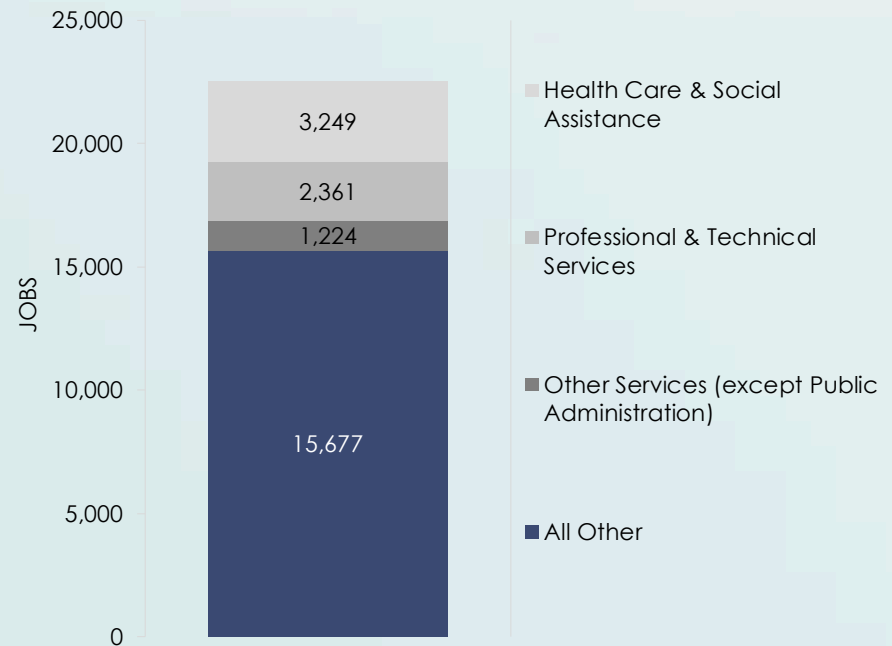
TOTAL JOBS SUPPORTED  
IN THE REGION

or

**1** out of every **25**

JOBS IN THE REGION

## IMPACTS BY INDUSTRY





## Student Perspective

**\$1.4 billion**

**Benefit:** Higher future earnings

**\$220.1 million**

**Cost:** Tuition, supplies, opportunity cost

**6.3**

BENEFIT/COST RATIO

**18.6%**

RATE OF RETURN

## Taxpayer Perspective

**\$749.6 million**

**Benefit:** Future tax revenue, government savings

**\$231.4 million**

**Cost:** State and local funding

**3.2**

BENEFIT/COST RATIO

**8.1%**

RATE OF RETURN

## Social Perspective

**\$9.5 billion**

**Benefit:** Future earnings, tax revenue, private savings

**\$521.8 million**

**Cost:** Student and all college costs

**18.2**

BENEFIT/COST RATIO

**N/A**

RATE OF RETURN

*Future benefits are discounted to the present.*

The results of this study  
were prepared by



FOR A COPY OF THE REPORT, PLEASE CONTACT THE DISTRICT.