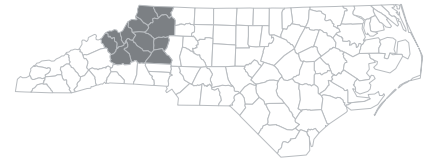


# The Economic Value of Caldwell Community College and Technical Institute

Caldwell Community College and Technical Institute (CCC&TI) 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) 2019-20.



THE NORTHWEST  
PROSPERITY ZONE, NC



## ECONOMIC IMPACT ANALYSIS

In FY 2019-20, CCC&TI added **\$159.9 million** in income to the Northwest Prosperity Zone.\* Expressed in terms of jobs, CCC&TI's impact supported **2,952 jobs**. For perspective, the activities of CCC&TI and its students support **one out of every 110 jobs** in the Northwest Prosperity Zone.

### OPERATIONS SPENDING IMPACT

- CCC&TI employed 542 full-time and part-time faculty and staff. Payroll amounted to \$20.3 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 \$17.8 million on day-to-day expenses related to facilities, supplies, and professional services.
- The net impact of the college's operations spending added **\$26.1 million** in income to the regional economy in FY 2019-20.

### STUDENT SPENDING IMPACT

- Around 29% of credit students attending CCC&TI originated from outside the region. Some of these students relocated to the Northwest Prosperity Zone. In addition, some in-region students, referred to as retained students, would have left the Northwest Prosperity Zone for other educational opportunities if not for CCC&TI. These relocated and retained students spent money on groceries, mortgage and rent payments, and other living expenses at regional businesses.
- The expenditures of relocated and retained students in FY 2019-20 added **\$3.3 million** in income to the Northwest Prosperity Zone economy.

### IMPACTS CREATED BY CCC&TI IN FY 2019-20



Operations spending impact

**\$26.1 million**



Student spending impact

**\$3.3 million**



Alumni impact

**\$130.5 million**



TOTAL ECONOMIC IMPACT

**\$159.9 million**

OR

Jobs supported

**2,952**

\* For the purposes of this analysis, the Northwest Prosperity Zone is comprised of Alexander, Alleghany, Ashe, Avery, Burke, Caldwell, Catawba, McDowell, Mitchell, Watauga, Wilkes, and Yancey Counties.

## ALUMNI IMPACT

- Over the years, students have studied at CCC&TI and entered or re-entered the workforce with newly-acquired knowledge and skills. Today, thousands of these former students are employed in the Northwest Prosperity Zone.
- The net impact of CCC&TI's former students currently employed in the regional workforce amounted to **\$130.5 million** in added income in FY 2019-20.

## INVESTMENT ANALYSIS

### STUDENT PERSPECTIVE

- CCC&TI's FY 2019-20 students paid a present value of **\$6.2 million** to cover the cost of tuition, fees, and supplies. They also forwent **\$30.5 million** in money that they would have earned had they been working instead of attending college.
- In return for their investment, students will receive a cumulative present value **\$186.7 million** in increased earnings over their working lives. This translates to a return of **\$5.10** in higher future earnings for every dollar students invest in their education. Students' average annual rate of return is **23.0%**.

### TAXPAYER PERSPECTIVE

- Taxpayers provided CCC&TI with **\$25.5 million** of funding in FY 2019-20. In return, they will benefit from added tax revenue, stemming from students' higher lifetime earnings and increased business output, amounting to **\$52.2 million**. A reduced demand for government-funded services in North Carolina will add another **\$3.7 million** in benefits to taxpayers.
- For every dollar of public money invested in CCC&TI, taxpayers will receive **\$2.20** in return, over the course of students' working lives. The average annual rate of return for taxpayers is **6.3%**.

### SOCIAL PERSPECTIVE

- In FY 2019-20, North Carolina invested **\$72 million** to support CCC&TI. In turn, the North Carolina economy will grow by **\$587.9 million**, over the course of students' working lives. Society will also benefit from **\$12.1 million** of public and private sector savings.
- For every dollar invested in CCC&TI in FY 2019-20, people in North Carolina will receive **\$8.30** in return, for as long as CCC&TI's FY 2019-20 students remain active in the state workforce.

### STUDENTS SEE A HIGH RATE OF RETURN FOR THEIR INVESTMENT IN CCC&TI



Average annual return for CCC&TI students

**23.0%**



Stock market 30-year average annual return

10.6%



Interest earned on savings account (National Rate Cap)

0.8%

Source: Forbes' S&P 500, 1991-2020. FDIC.gov, 6-2021.

### For every \$1...



Students gain in lifetime earnings

**\$5.10**



Taxpayers gain in added tax revenue and public sector savings

**\$2.20**



Society gains in added income and social savings

**\$8.30**