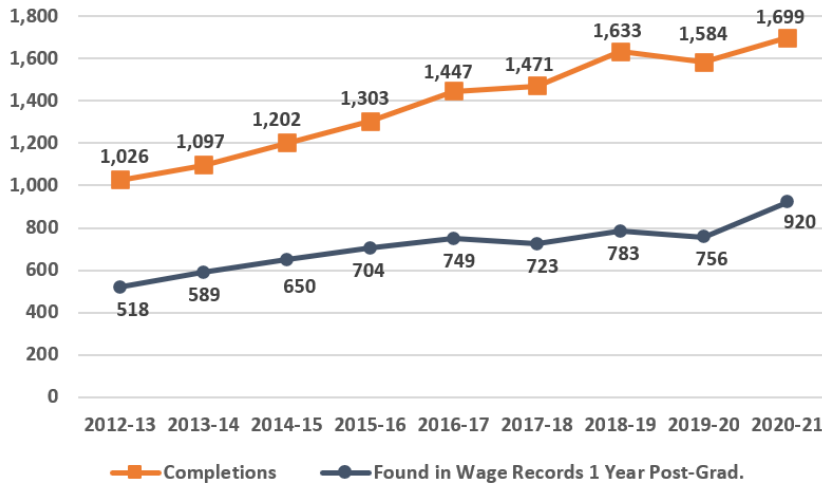


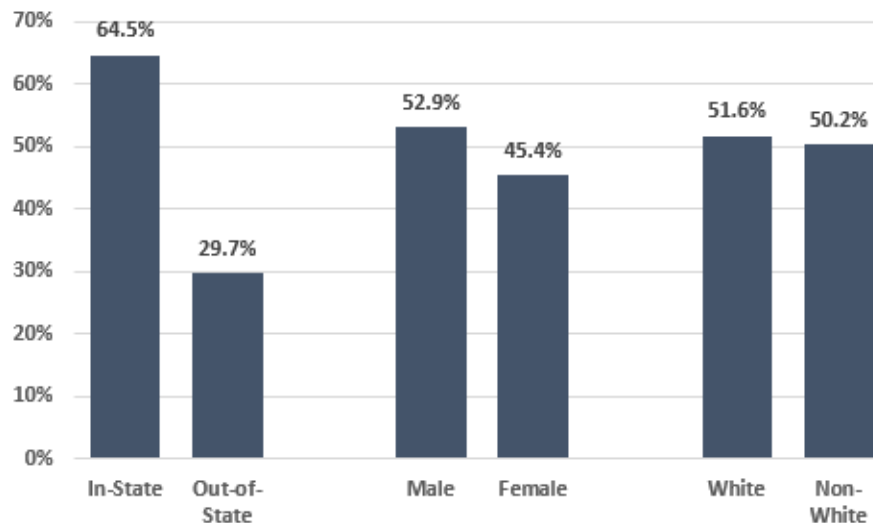
Engineering Graduates in South Carolina

Supply and Demand of Engineering Graduates



- ◇ Over the past 12 months, there were **11,600 documented job openings** in the state for select engineering occupations (e.g. Electrical Engineers, Software Developers).
- ◇ Over the past 10 years, the number of bachelor's degrees related to engineering awarded each year has ranged from 1,026 to 1,699.
- ◇ In total, there were **12,462 unique graduates** in bachelor's degree engineering programs between 2012 and 2021.
- ◇ Note that there may be a supply of individuals with engineering credentials obtained outside of the South Carolina higher education system, as well as individuals with credentials below the bachelor's degree level.

Percent of Graduates found in Wage Records 1 Year Post-Graduation by Selected Characteristics

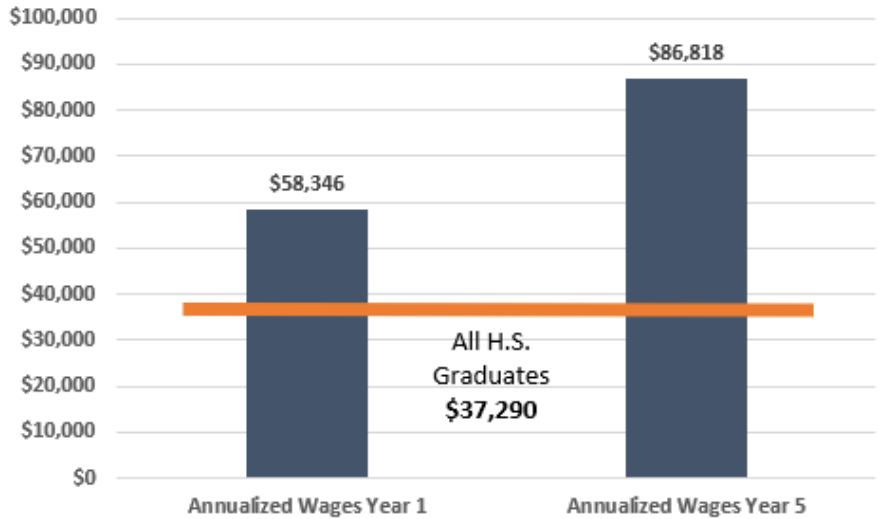


- ◇ In-state engineering graduates were over 100% more likely to be found in wage records one year post-graduation compared to out-of-state graduates.
- ◇ Male engineering graduates were more likely to be found in wage records one year post-graduation than female engineering graduates.

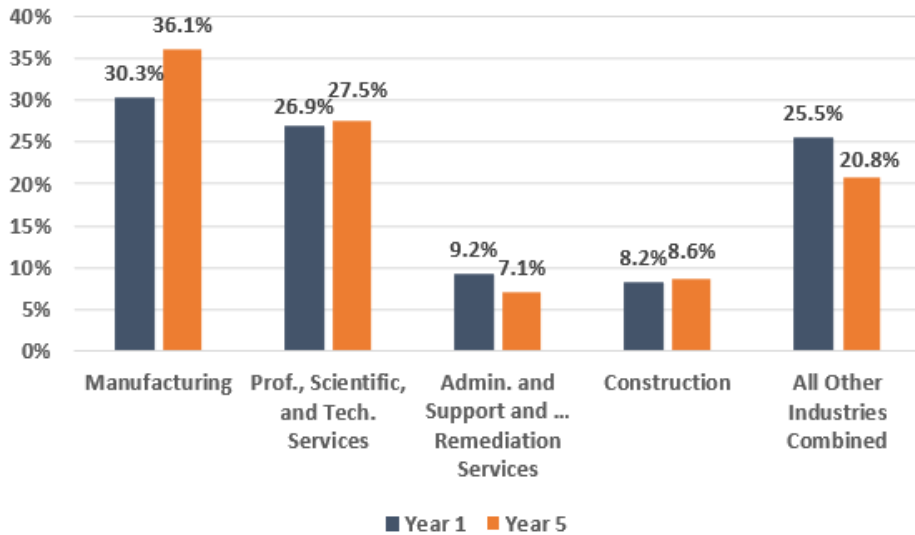
Engineering Graduates in South Carolina

Wage Comparison for Individuals Completing Engineering Bachelor's Degrees

- ◇ The annual cost of attending a four-year public college or university in South Carolina would likely be around \$22,500.
- ◇ Per the U.S. Census Bureau, the median earnings for all high school graduates in S.C. is \$37,290.
- ◇ The post-graduation wage premium for engineering graduates one year post-graduation is over \$20,000, and this premium increases to almost \$50,000 five years post-graduation.
- ◇ Wages were annualized based on the number of quarters the individual was found working in the state.
- ◇ According to 2022 DEW data, the mean wage for "Architecture and Engineering Occupations" was \$81,760 per year.



Industry of Employment of the Individual One and Five Years Post-Graduation



- ◇ Manufacturing was the most common industry for engineering graduates one year post-graduation and five years post-graduation.
- ◇ Current data about South Carolina workers is based on industry of employment. SCDEW will begin collecting **occupation data** on workers starting in **April 2024**. Future analysis may be able to specifically document which graduates obtain jobs in engineering fields.
- ◇ Note: Only graduates whose industry of employment was known were considered for this figure. The top industries of employment are shown and all other industries of employment are combined.