Labor Market Analysis for Program Recommendation: 0952.60/Masonry, Tile, Cement, Lath and Plaster *(Certificate of Achievement for Terrazzo Mechanic and Finisher Apprenticeship Program)*

CVML Center of Excellence, October 2026

Summary

Program LMI Endorsement	Endorsed: All LMI Criteria Met ☐	Endorsed: Some LMI Criteria Met ☐	Not LMI Endorsed ☒

Program LMI Endorsement Criteria

Supply Gap:	Yes ☐	No ☑
	Comments: N/A - Annual openings are suppressed due to low counts in the source data**, so a supply gap comparison cannot be computed.**	
Living Wage: (Entry-Level as 25th Percentile):	Yes ☐	No ☑
	Comments: N/A - Entry-level (25th percentile) wage data is suppressed due to low counts **and cannot be compared to the living wage.**	
Education:	Yes ☐	No ☑
	Comments: The typical entry-level education for *Terrazzo Workers and Finishers* is a high school diploma or equivalent. Additionally, **16% have completed some college or an associate degree as their highest level of education.**	

Emerging Occupation(s)

Yes ☐ No ☑

Comments: N/A

The Central Valley/Mother Lode Center of Excellence for Labor Market Research (CVML COE) prepared this report to determine whether there is a supply gap in the North Central Valley/Northern Mother Lode regional labor market related to the following middle-skill occupation:

- Terrazzo Workers and Finishers (47-2053)

Based on the available data, there does not appear to be a supply gap for *Terrazzo Workers and Finishers*. Entry-level wage data for this occupation is suppressed due to low counts and cannot be compared to the subregion's living wage. Additionally, 16% of workers in this field have completed some college or an associate degree as their highest level of education. **Therefore, due to none of the regional labor market criteria being met, the COE does not endorse this proposed program.**

Exhibit 1 lists the occupational demand, supply, typical entry-level education, and educational attainment for *Terrazzo Workers and Finishers*.

Exhibit 1: Labor Market Endorsement Summary

Occupation (SOC)	Demand (Annual Openings)	Supply (CC and Non-CC)	Entry-Level Hourly Earnings (25th Percentile)	Typical Entry-Level Education	Community College Educational Attainment
Terrazzo Workers and Finishers (47-2053)	NCV/NML: **Insufficient Data** SCV/SML: **Insufficient Data**	NCV/NML: 0 SCV/SML: 0	NCV/NML: **Insufficient Data** SCV/SML: **Insufficient Data**	High school diploma or equivalent	16%
Total	**0**		-	**-**	**-**

Demand:

- The number of jobs for *Terrazzo Workers and Finishers* is masked due to low counts and is not projected to increase in the future.
- Entry-level (25th percentile) wage data for this occupation is suppressed due to low counts, so a comparison to the regional living wage is not available.
- No online job postings were found for *Terrazzo Workers and Finishers* in the selected region and timeframe.
- The Bureau of Labor Statistics (BLS) lists a high school diploma or equivalent as the typical entry-level education for *Terrazzo Workers and Finishers*.
- National-level educational attainment data indicates that 16% of *Terrazzo Workers and Finishers* have completed some college or an associate degree as their highest level of education.

Supply:

- Between 2022 and 2025, there was an average of no awards conferred by community colleges in the NCV/NML subregion.
- Between 2021 and 2024, there were no non-community college institutions in the NCV/NML subregion that conferred awards in relevant programs.

Demand

Occupational Projections

Exhibit 2 shows the annual percent change in jobs for *Terrazzo Workers and Finishers* from 2020 through 2030. Employment and employment-projection data for this occupation is suppressed due to low counts in the source data. The NCV/NML subregion is projected to experience no growth through 2030, compared to a 1% growth across all CA occupations. The counts for *Terrazo Workers and Finishers* is so low that the figures are masked (10 or fewer) in the entire CVML region beginning in 2020, skipping 2021 with 15 jobs, and continuing to be masked from 2022 and into the foreseeable future. The masked counts make data for average annual openings and regional wages unreliable and job postings nonexistent.

Exhibit 2: Annual Percent Change in Jobs for Terrazzo Workers and Finishers, 2020-2030

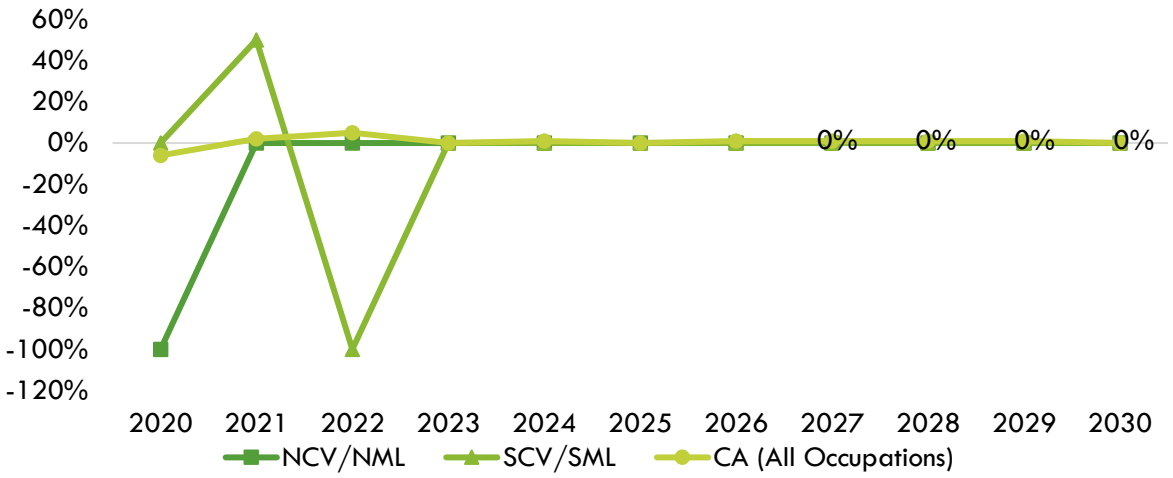


Exhibit 3 shows the five-year occupational demand projections for *Terrazzo Workers and Finishers*. We use statewide data to show the future growth of this occupation (because the CVML regional figures are masked due to low counts) with a projected 9% statewide decline in total job counts from 2025 to 2030, and only 3 average annual openings statewide.

Exhibit 3: Occupational Demand in NCV/NML, SCV/SML, and CVML[1]

Geography	2025 Jobs	2030 Jobs	2025-2030 Change	2025-2030 % Change	Annual Openings
NCV/NML	Masked	Masked	N/A	N/A	N/A
SCV/SML	Masked	Masked	N/A	N/A	N/A
CVML	**Masked**	**Masked**	**N/A**	**N/A**	**N/A**
California	**54**	**49**	**(5)**	**(9%)**	**3**

[1]Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Wages:

The labor market endorsement in this report considers the entry-level hourly wages for *Terrazzo Workers and Finishers* as they relate to the subregions and region's living wage. NCV/NML, SCV/SML, and CVML wages are typically included below to provide a complete analysis of the region, but due to data suppression, we have no reliable CVML data. The average entry-level wage for *Terrazzo Workers and Finishers* in California is $19.51 and the average wage is $24.62. Both wages are above the NCV/NML living wage of $16.81, but are below the average hourly wage of $38.55 for all occupations in California.

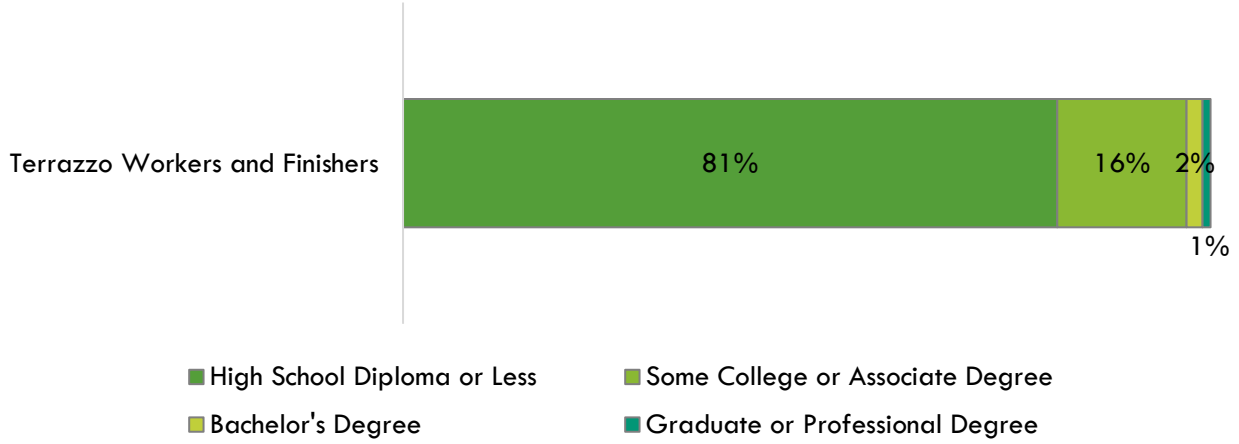
Job Postings:

No online job postings were found for *Terrazzo Workers and Finishers* in the selected region and timeframe.

Educational Attainment:

The Bureau of Labor Statistics (BLS) lists a high school diploma or equivalent as the typical entry-level education for *Terrazzo Workers and Finishers*. National-level educational attainment data indicates that 16% of workers in the field have completed some college or an associate degree as their highest level of education. Exhibit 4 shows the educational attainment for *Terrazzo Workers and Finishers*.

Exhibit 4: National-level Educational Attainment for Terrazzo Workers and Finishers



Educational Supply

There were no community colleges nor non-community college institutions within the CVML region that offered awards by programs that historically train for the occupation included in this report.

Community College Student Outcomes:

Exhibit 5 shows the Strong Workforce Program (SWP) metrics for Masonry, Tile, Cement, Lath and Plaster programs in San Joaquin Delta Community College District (SJDCCD), the NCV/NML subregion, the CVML region, and California.

Of the 367 masonry, tile, cement, lath and plaster program students statewide in the 2024-2025 academic year, none attended a CVML institution. Statewide students that exited masonry, tile, cement, lath and plaster programs in the 2023-2024 academic year had median annual earnings of $78,040. Additionally, 65% of statewide masonry, tile, cement, lath and plaster students attained a living wage.

Exhibit 5: Masonry, Tile, Cement, Lath and Plaster (0952.60)
Strong Workforce Program Metrics

SWP Metric	SJDCCD	NCV/NML Subregion	CVML Region	California
SWP Students	N/A	N/A	N/A	367
SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year	N/A	N/A	N/A	23%
SWP Students Who Completed a Noncredit CTE or Workforce Preparation Course	N/A	N/A	N/A	76%
SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status	N/A	N/A	N/A	5%
SWP Students Who Transferred to a Four-Year Postsecondary Institution	N/A	N/A	N/A	N/A
SWP Students with a Job Closely Related to Their Field of Study	N/A	N/A	N/A	N/A
Median Annual Earnings for SWP Exiting Students	N/A	N/A	N/A	$78,040 ($37.52)
Median Change in Earnings for SWP Exiting Students	N/A	N/A	N/A	42%
SWP Exiting Students Who Attained the Living Wage	N/A	N/A	N/A	65%



Appendix A: Methodology

The CVML COE prepared this report by analyzing data from occupations and education programs.

Occupational data is derived from Lightcast, a labor market analytics firm that consolidates data from the California Employment Development Department (EDD), U.S. Bureau of Labor Statistics (BLS) and other government agencies. Program supply data is drawn from two systems: Taxonomy of Programs (TOP) and Classification of Instructional Programs (CIP).

Using a TOP-SOC crosswalk, the CVML COE identified middle-skill jobs for which programs within these TOP codes train. Middle-skill jobs include:

- All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

The CVML COE determined labor market supply for an occupation or SOC code by analyzing the number of program completers or awards in a related TOP or CIP code. The COE developed a "supply table" with this information, which is the source of the program supply data for this report. TOP code data comes from the California Community Colleges Chancellor's Office MIS Data Mart (datamart.cccco.edu) and CIP code data comes from the Integrated Postsecondary Education Data System (nces.ed.gov/ipeds/use-the-data), also known as IPEDS. TOP is a system of numerical codes used at the state level to collect and report information on California community college programs and courses throughout the state that have similar outcomes. CIP codes are a taxonomy of academic disciplines at institutions of higher education in the United States and Canada. Institutions outside of the California Community College system do not use TOP codes in their reporting systems.

Data included in this analysis represent the labor market demand for relevant positions most closely related to the proposed program as expressed by the requesting college in consultation with the CVML COE. Traditional labor market information was used to show current and projected employment based on data trends, as well as annual average awards granted by regional community colleges. Real-time labor market information captures job post advertisements for occupations relevant to the field of study which can signal demand and show what employers are looking for in potential employees but is not a perfect measure of the quantity of open positions.

All representations have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. The most recent data available at the time of the analysis was examined; however, data sets are updated regularly and may not be consistent with previous reports. Efforts have been made to qualify and validate the accuracy of the data and findings; however, neither the Centers of Excellence for Labor Market Research (COE), COE host district, nor California Community Colleges Chancellor's Office are responsible for the applications or decisions made by individuals and/or organizations based on this study or its recommendations.

Appendix B: Data Sources

Data Type	Source
Occupational Projections, Wages, and Job Postings	Traditional labor market information data is sourced from Lightcast, a labor market analytics firm. Lightcast occupational employment data are based on final Lightcast industry data and final Lightcast staffing patterns. Wage estimates are based on Occupational Employment Statistics and the American Community Survey. For more information, see https://lightcast.io/
Living Wage	The living wage is derived from the Insight Center's California Family Needs Calculator, which measures the income necessary for an individual of family to afford basic expenses. The data assesses the cost of housing, food, childcare, health care, transportation, and taxes. For more information, see: https://selfsufficiencystandard.org/California/ Wage figures are used by the CCCCO to calculate the percentage of students that attained the regional living wage.
Typical Education and Training Requirements, and Educational Attainment	The Bureau of Labor Statistics (BLS) provides information about education and training requirements for hundreds of occupations. BLS uses a system to assign categories for entry-level education, work experience in a related occupation, and typical on-the-job training to each occupation for which BLS publishes projections data. For more information, see https://www.bls.gov/emp/documentation/education/tech.htm
Emerging Occupation Descriptions, Additional Education Requirements, and Employer Preferences	The O*NET database includes information on skills, abilities, knowledges, work activities, and interests associated with occupations. For more information, see https://www.onetonline.org/help/online/
Educational Supply	The CCCCO Data Mart provides information about students, courses, student services, outcomes and faculty and staff. For more information, see: https://datamart.cccco.edu The National Center for Education Statistics (NCES) Integrated Postsecondary Integrated Data System (IPEDS) collects data on the number of postsecondary awards earned (completions). For more information, see https://nces.ed.gov/ipeds/use-the-data/survey-components/7/completions
Student Metrics and Demographics	DataVista, a statewide data system supported by the California Community Colleges Chancellor's Office and hosted by Cal-PASS Plus, provides data on progress, success, employment, and earnings outcomes for California community college students. For more information, see: https://datavista.cccco.edu/
Population and Occupation Demographics	The Census Bureau's American Community Survey (ACS) is the premier source for detailed population and housing information. For more information, see: https://www.census.gov/programs-surveys/acs Data is sourced from IPUMS USA, a database providing access to ACS and other Census Bureau data products. For more information, see: https://usa.ipums.org/usa/about.shtml

For more information, please contact the Central Valley/Mother Lode Center of Excellence:

Patricia Salinas, District Director
patricia.salinas@scccd.edu

Ignacio Faria, Senior Research and Planning Analyst
ignacio.faria@scccd.edu

Angela Steitz, Program Specialist
angela.steitz@scccd.edu

Sarah Alnahari, Ph.D., Research and Planning Analyst
sarah.alnahari@scccd.edu

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