

# Electrolysis/Electrology

*Inland Empire/Desert Region (Riverside and San Bernardino counties)*

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## Introduction

This labor market assessment aims to determine regional supply and demand related to electrolysis.

Electrolysis is the process of permanently removing hair through the use of an electric current (American Electrology Association, 2022). Electrologists are licensed by the California Board of Barbering and Cosmetology.

The community college program most likely to prepare students for electrolysis employment is the cosmetology and barbering program (TOP 3007.00). California Community College cosmetology and barbering programs prepare students for employment through the instruction of the care and styling of hair, and care of complexion, hands and feet, including hygiene, customer relations, and salon management (Taxonomy of Programs, 2012). The knowledge, skills, and abilities trained by cosmetology and barbering programs with an emphasis in electrology are likely to lead to the following occupations.

- Hairdressers, Hairstylists, and Cosmetologists (SOC 39-5012)
- Skincare Specialists (39-5094)

Please note that electrolysis is a tool or a skill utilized by these occupations. Workers in these occupations may use electrolysis skills daily or never. Furthermore, the United States Bureau of Labor Statistics (BLS) has not identified a single electrolysis occupation (i.e., electrologist or electrology technician) in their Standard Occupational Classification (SOC) system; therefore, traditional occupational demand and earnings data for electrolysis workers do not exist. To better understand the need for electrolysis knowledge, skills, and abilities (KSAs), this report focuses on analyzing online job advertisements (ads) in the region for jobs related to electrology.

To ensure the job ad information analyzed in this report is specific to positions that utilize electrolysis skills, the following keywords were applied to the job ad search: electrolysis, electrology, and electrologist. Over the last 12 months, from September 2021 to August 2022, zero job ads were posted for electrolysis workers in the Inland Empire/Desert Region. Expanding the job search results to include all of California only produced five job ads for electrolysis workers over the previous 12 months. Generalizable and reliable information on the demand for electrologist workers in the state is unavailable. Additionally, electrologist certification requirements were not included in any employer job ad results.

The American Electrology Association website lists 15 electrologist service providers within 50 miles of a downtown Riverside ZIP code (92501). Two providers were located in the Inland Empire/Desert Region; Ontario and Corona.

[https://www.electrology.com/find.html?st=1&rzip=92501&rdistance=50&go\\_radius=Find](https://www.electrology.com/find.html?st=1&rzip=92501&rdistance=50&go_radius=Find)

Electrologists are licensed and regulated in California by the Board of Barbering and Cosmetology. The state requires 600 hours of training before taking the state board examination (California Board of Barbering and Cosmetology, 2022). The Board offers a written national exam developed by PSI Services, consisting of 50 scored questions that must be answered in 90 minutes. State electrology examination results are available on the Board of Barbering and Cosmetology website. [https://www.barbercosmo.ca.gov/schools/schls\\_rslts.shtml](https://www.barbercosmo.ca.gov/schools/schls_rslts.shtml)

Community colleges in the Inland Empire/Desert Region and California do not currently offer electrology programs. The California Electrology Academy in Corona is the only known private institution in the region that provides electrology training.

## Summary of Findings

The knowledge, skills, and abilities trained by cosmetology and barbering programs with an emphasis in electrology lead to two distinct occupations. Over the last 12 months, there were no job ads posted for electrolysis workers in the Inland Empire/Desert Region and five advertisements posted in California, demonstrating minimal demand for electrology workers. Additionally, electrolysis certification requirements were not included in job ads over the last 12 months in California.

The California Community Colleges do not currently offer electrolysis training programs. One private electrology training program was found in the region.

The Center of Excellence cannot endorse the creation of an electrology program due to the lack of reliable demand for electrologist workers. Colleges considering this program should work closely with relevant employers to document the demand and earnings students may achieve after exiting this program.

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## References

American Electrology Association. (2022). *Electrolysis Information and FAQs*. Retrieved from <https://www.electrology.com/faqs-about-permanent-hair-removal/>

Burning Glass Technologies. (2022). *Labor Insights/Jobs*. Retrieved from <https://www.burning-glass.com/>

California Board of Barbering and Cosmetology. (2022). *Electrology*. Retrieved from [https://www.barbercosmo.ca.gov/forms\\_pubs/publications/electrology.pdf](https://www.barbercosmo.ca.gov/forms_pubs/publications/electrology.pdf)

California Community Colleges Chancellor's Office. (2022). *Chancellor's Office Curriculum Inventory (COCI), version 3.0*. Retrieved from <https://coci2.ccctechcenter.org/programs>

California Community Colleges Chancellor's Office, Curriculum and Instructional Unit, Academic Affairs Division. (2012). *Taxonomy of Programs, 6<sup>th</sup> Edition, Corrected Version*. Retrieved from <https://www.cccco.edu/-/media/CCCCO-Website/About-Us/Divisions/Digital-Innovation-and-Infrastructure/Research/Files/TOPmanual6200909corrected12513.ashx?la=en&hash=94C709CA83C0380828415579395A5F536736C7C1>

Carnevale, A. P., Jayasundera, T., & Repnikov, D. (n.d.). Understanding Online Job Ads Data. Retrieved from <https://cew.georgetown.edu/wp-content/uploads/2014/11/OCLM.Tech.Web.pdf>

National Center for O\*NET Development. (2022). O\*NET OnLine. Retrieved from <https://www.onetonline.org/>

## Appendix: Occupation definitions, sample job titles, five-year projections, and earnings for electrolysis occupations

### **Occupation Definitions (SOC code), Education and Training Requirement, Community College Education Attainment**

#### **Hairdressers, Hairstylists, and Cosmetologists (39-5012)**

Provide beauty services, such as cutting, coloring, and styling hair, and massaging and treating scalp. May shampoo hair, apply makeup, dress wigs, remove hair, and provide nail and skincare services.

**Sample job titles:** Beautician, Cosmetologist, Hair Dresser, Hair Stylist, Hairdresser, Hairstylist, Stylist

*Entry-Level Educational Requirement: Postsecondary nondegree award*

*Training Requirement: None*

*Work Experience: None*

*Incumbent workers with a Community College Award or Some Postsecondary Coursework: 43%*

#### **Skincare Specialists (39-5094)**

Provide skincare treatments to face and body to enhance an individual's appearance. Includes electrologists and laser hair removal specialists.

**Sample job titles:** Aesthetician, Clinical Esthetician, Esthetician, Facialist, Medical Esthetician, Skin Care Specialist, Skin Care Technician, Skin Care Therapist, Spa Technician

*Entry-Level Educational Requirement: Postsecondary nondegree award*

*Training Requirement: None*

*Work Experience: None*

*Incumbent workers with a Community College Award or Some Postsecondary Coursework: 52%*

## Appendix: Methodology

Job ad data is limited to the information provided by employers and the ability of artificial intelligence search engines to identify this information. Additionally, preliminary calculations by Georgetown Center on Education and the Workforce found that "just 30 to 40 percent of openings for candidates with some college or an associate degree, and only 40 to 60 percent of openings for high school diploma holders appear online" (Carnevale et al., 2014). Online job ads often do not reveal employers' hiring intentions; it is unknown if employers plan to hire one or multiple workers from a single online job ad or collecting resumes for future hiring needs. A closed job ad may not be the result of a hired worker.