



CENTER OF EXCELLENCE
FOR LABOR MARKET RESEARCH
INLAND EMPIRE/DESERT

LABOR MARKET ASSESSMENT

Heavy and Tractor-Trailer Truck Drivers

Inland Empire/Desert Region

Publication Month: September 2026

POWERED BY



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Introduction

Purpose

The Inland Empire-Desert Region Center of Excellence for Labor Market Research (COE) plays a pivotal role in helping communities in the Inland Empire/Desert region understand and contextualize labor market data so they can actively address their current and future workforce needs. Proposed curriculum changes require labor market information and analysis to show that jobs are available for program completers within the local service area, ensuring an alignment between regional training and labor market needs.¹

The COE prepared this report to provide an analysis of the labor market and educational supply related to the proposed program in the region. Occupational characteristics, employment demand, wages, employer job advertisements, and program awards and outcomes are used in this report to determine the alignment of regional training programs to the labor market. A regional supply or labor gap is derived by comparing the projected occupational demand to the projected supply from educational institutions.

This report seeks to understand employer demand for Heavy and Tractor-Trailer Truck Drivers in the region and to inform strategic decision-makers regarding recruitment, compensation, workforce development, and policymaking by businesses, government agencies, and educational institutions.

Report Scope

This report assesses the occupational demand and educational supply of the following regions:

- Inland Empire/Desert region (San Bernardino and Riverside counties combined)

Taxonomy of Programs (TOP) title and code and program definition:

- TOP 0947.50 Truck and Bus Driving
- Definition: Operation of trucks and buses with diesel, gasoline, or alternative
- power engines (Taxonomy of Programs, 2023).

Classification of Instructional Program (CIP) title and code and program definition:

- CIP 49.0205 Truck and Bus Driver/Commercial Vehicle Operation (CTE)
- Definition: A program that prepares individuals to apply technical knowledge and skills to drive trucks and buses, delivery vehicles, for-hire vehicles and other commercial vehicles, or to instruct commercial vehicle operators. Includes instruction in operating gas, diesel, or electrically-powered vehicles; loading and unloading cargo or passengers; reporting delays or accidents on the road; verifying load against shipping papers; arranging transportation for personnel; and keeping records of receipts and fares (The Classification of Instructional Program, 2020).

¹ California Community College Chancellor's Office (CCCCO). Program and Course Approval Handbook. 8th Edition. Retrieved from: <https://www.cccco.edu/-/media/CCCCO-Website/docs/curriculum/program-course-approval-handbook-8th-edition.pdf>

Standard Occupational Classification (SOC) occupation and code:

- Heavy and Tractor-Trailer Truck Drivers (53-3032)

Program Design Window

The COE uses BLS' Occupational Employment and Wage Statistics (OEWS) data to create occupational estimates, and this dataset is updated annually. Therefore, the COE considers this data to be most useful, from a program design point of view, only within a 12-month window starting at the publication month. Refer to the dates below to identify this report's applicable program request consideration window. For those submitting a CTE program for the IEDRC program review process beyond this publication window, please reach out to the COE to obtain the most current version of this report.

Publication Month: September 2026

End of Program Design Window: August 31, 2027

Acknowledgements

The following team member(s) of the COE authored this report:

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Executive Summary

Based on the data analyzed by the COE, the following program **has fully met** four of the four criteria required to receive a full endorsement for program development.

LMI Criteria Summary

Criteria	Decision	Finding
Demand		There are 5,362 annual job openings in the region for this occupation, which is more than the upper threshold (75). This indicates that there is high demand for new workers from regional employers hiring for this occupation.
Supply Gap		There are 5,362 annual job openings projected for this occupation, exceeding the 65 average annual awards conferred by postsecondary educational institutions over the last three years. Supply data includes both community college awards (65) and non-community college awards (0). This indicates that employers require 5,297 more workers than current programs are supplying, which is considered an undersupply of workers.
Living Wage		This occupation has entry-level hourly wages \$1 above the IE/D living wage of \$20.76. This indicates that new workers in this occupation are expected to earn a living wage at the start of their careers.
Education		This occupation is considered to be at a middle skill education level because of its typical education requirements and/or the educational attainment level of its national workforce. This indicates that employers are hiring entry level workers with a middle-skill education level in this occupation.
Overall		This program is given a full endorsement from the IED COE to proceed.

Other Key Findings/Takeaways

- **LMI Criteria Assessment**
 - Educational Supply: Existing regional community college programs related to this proposed program and conferring awards are few and found in one subregion (65 awards). However, other non-community college institutions conferring awards in related programs were not found at all in available data.
- **Job Posting Analysis**
 - Demand: The number of job postings (8,794) is much more than the projected number of annual job openings (5,362), with 1,642 companies posting, and it appears that no single job title is overwhelmingly (+50%) found in job ads.
 - Education and Experience: Job postings indicate that most employers (97%) sought candidates with a high school diploma/GED when a minimum education level was listed, and the largest grouping of ads (50%) prefer workers with 2-3 years of experience when experience requirements were listed.

- Wages: Employers posting jobs in the region are offering entry-level hourly wages of \$25.72 for the assessed occupation, which is \$5 above the IE/D living wage of \$20.76.

LMI Criteria Analysis

Occupational Demand Criteria Assessment

In an effort to understand Heavy and Tractor-Trailer Truck Drivers' employment outlook in the Inland Empire/Desert region, this section analyzes current and projected employment from 2025-2030.

Exhibit 1 displays the job count, five-year projected job growth, and job openings in the region for this occupation. In 2025, there were 45,894 jobs for Heavy and Tractor-Trailer Truck Drivers in the IE/D region. Regional employment for this occupation is projected to increase 7% by 2030, with 5,362 job openings projected annually.

Exhibit 1: Projected Job Growth and Annual Job Openings, IE/D Region, 2025-2030

Occupation	2025 Jobs	2030 Jobs	2025-2030 % Change	Avg. Annual Openings
Heavy and Tractor-Trailer Truck Drivers	45,894	49,002	7%	5,362

Source: Lightcast 2026.3

Based on the number of assessed occupations (1), the COE determines that there should be at least 75 annual job openings in the region for this occupation to be considered in high demand and at least 50 to be considered in moderate demand. Based on the number of annual job openings (5,362), which is substantially greater than 75, there is high demand for new workers in this field.

Key Takeaway: There are 5,362 annual job openings in the region for this occupation, which is more than the upper threshold (75). This indicates that there is high demand for new workers from regional employers hiring for this occupation.

Educational Supply

This section analyzes trends in student awards related to Heavy and Tractor-Trailer Truck Drivers to project the supply of workers from existing regional postsecondary education institutions.

Exhibit 2 displays student completions for the Truck and Bus Driving (TOP 0947.50) programs over the last three academic years for which there is data (2022-2025). In the previous three academic years, one regional community college issued an average of 65 awards in relevant programs.

Exhibit 2: Annual Average Community College Awards for Truck and Bus Driving (TOP 0947.50) Programs, IE/D Region, 2022-2025

Top Code	Program	College	2022-23 Awards	2023-24 Awards	2024-25 Awards	3-Year Award Average
0947.50	Truck and Bus Driving	Victor Valley	44	78	74	65

Source: MIS Data Mart

No student completions were found for following IE/D non-community college programs over the last three academic years for which there is data (2021-2024): Truck and Bus Driver/Commercial Vehicle Operation (CIP 49.0205). Therefore, in the previous three academic years, 0 regional non-community college institutions issued an average of 0 awards in relevant programs.

Educational institutions in the region conferred an average of 65 awards per year over the past three years in relevant programs, combining the number of community college awards (65) and non-community college (0) awards.

Key Takeaway: Existing regional community college programs related to this proposed program and conferring awards are few and found in one subregion (65 awards). However, other non-community college institutions conferring awards in related programs were not found at all in available data.

Supply Gap Criteria Assessment

A gap analysis compares the occupational demand and educational supply, outlined in the above sections, and determines if there is an over or under-supply of new workers entering the occupation. Exhibit 3 demonstrates that there is a supply gap of 5,297 annual job openings, meaning that regional employers are projected to require more workers than educational institutions are currently supplying to the labor market. Based on this analysis, the need for workers by regional employers in this occupation has not been met by the current supply.

Exhibit 3: Supply Gap Analysis for Heavy and Tractor-Trailer Truck Drivers, IE/D Region, 2025-2030



Sources: Lightcast 2026.3; MIS Data Mart; IPEDS

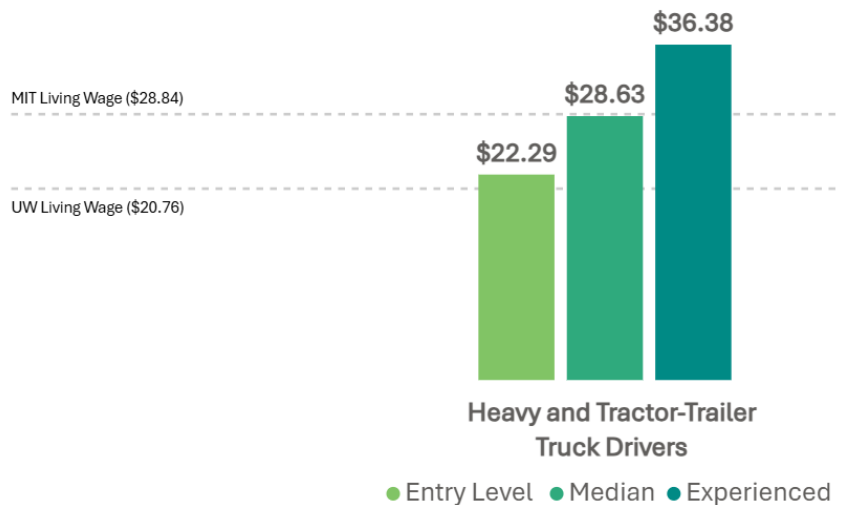
Key Takeaway: There are 5,362 annual job openings projected for this occupation, exceeding the 65 average annual awards conferred by postsecondary educational institutions over the last three years. Supply data includes both community college awards (65) and non-community college awards (0). This indicates that employers require 5,297 more workers than current programs are supplying, which is considered an undersupply of workers.

Living Wage Criteria Assessment

The following section assesses the occupation wage estimates for this occupation and whether they meet or exceed a self-sufficiency standard in the Inland Empire/Desert region. Exhibit 4 displays the hourly earnings by quartile for Heavy and Tractor-Trailer Truck Drivers and compares those to the UW Self-Sufficiency Standard for the IE/D for one adult, \$20.76². Compare this standard against the 25th percentile hourly earnings, considered to be entry level wages for an occupation. Median and experienced (75th percentile) wages are also shown to demonstrate expected career progression.

² The UW self-sufficiency standard is currently used by the CCCC and COE; the self-sufficiency standard was last updated by UW in 2024. UW estimates the living wage for an adult in 2024 is \$20.76 in Riverside County and \$20.07 in San Bernadino County. The higher of the two is considered the living wage for the IE/D, \$20.76. See Appendix A for more information.

Exhibit 4: Hourly Wages by Occupation, IE/D Region, 2025



Source: Lightcast 2026.3

Based on Exhibit 5, this occupation has entry level wages at or above the UW Self-Sufficiency Standard for the IE/D for one adult. However, this occupation has entry level wages below the MIT living wage³ for one adult (\$28.84) in projected entry-level wages.

Key Takeaway: This occupation has entry-level hourly wages \$1 above the IE/D living wage of \$20.76. This indicates that new workers in this occupation are expected to earn a living wage at the start of their careers.

Education and Work Experience Criteria Assessment

In an effort to identify the preferred education and training levels for workers in this occupation, Exhibit 5 includes the typical education, work experience, and on-the-job training needed for Heavy and Tractor-Trailer Truck Drivers. To be considered middle skill, an occupation must either have a typical entry level education of less than a “bachelor’s degree” and greater than a “high school diploma” (“some college, no degree” or “postsecondary nondegree award” or “associate degree”) or on-the-job training required is an apprenticeship. Based on the below chart, this occupation would qualify as middle skill.

³ To provide an alternative perspective, the COE also utilizes the living wage calculation from MIT in the analysis above as an additional reference point. MIT estimates the living wage for an adult with no kids living in 2024 is \$28.84 in Riverside County and \$27.62 in San Bernadino County. The higher of the two is considered the living wage for the IE/D, \$28.84. See Appendix A for more information.

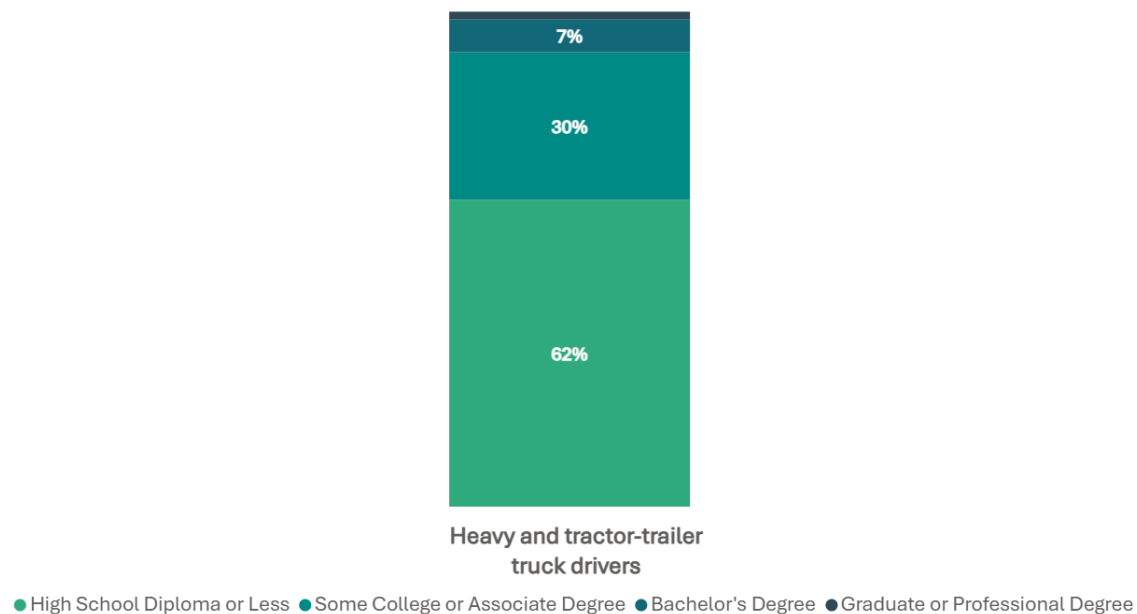
Exhibit 5: Typical Entry-Level Education, Experience, and Job Requirements

Occupation	SOC	Typical Entry Level Education	Typical On-The-Job Training	Work Experience Required
Heavy and Tractor-Trailer Truck Drivers	53-3032	Postsecondary nondegree award	Short-term on-the-job training	None

Source: BLS Training and Education Levels

The Bureau of Labor Statistics (BLS) education attainment data, as presented in Exhibit 6, indicates that among current Heavy and Tractor-Trailer Truck Drivers professionals 30% have completed some college or an associate degree as their highest level of education. To be considered a middle skill occupation in this analysis, 33% or more workers in an occupation must have completed some college or an associate degree as their highest level of education. Based on the chart below, this occupation would not be considered middle skill in this analysis.

Exhibit 6: National-Level Education Attainment by Occupation



Source:

BLS 2024

Based on Exhibits 5 and 6, this occupation is considered middle skill because it has one or more of the following attributes:

- “Some college” or “postsecondary nondegree award” or “associate degree” as its typical entry-level education level
- More than 33% of national workers have attained “some college” or an “associate degree” as their highest level of education attainment
- “Apprenticeship” is its typical on-the-job training type

Key Takeaway: This occupation is considered to be at a middle skill education level because of its typical education requirements and/or the educational attainment level of its national workforce. This indicates that employers are hiring entry level workers with a middle-skill education level in this occupation.

What Do Regional Job Posts Tell Us?

Job Posting Demand

Exhibit 7 displays the number of job ads posted for Heavy and Tractor-Trailer Truck Drivers over the last 12 months and the median posting duration. Over the previous 12 months, there were 8,794 unique job postings for Heavy and Tractor-Trailer Truck Drivers in the region 1,642 employers. This is much more than the projected number of annual job openings (5,362).

Exhibit 7: Job ads and posting duration, IE/D Region, Sep 2025 – Aug 2026

Occupation	Job Ads	Median Posting Duration
Heavy and Tractor-Trailer Truck Drivers	8,794	30 days

Source: Lightcast 2026.3

Exhibit 8 displays the job titles most frequently used in job postings for Heavy and Tractor-Trailer Truck Drivers over the last 12 months, with the predominate ones being CDL-A Truck Drivers. Assessing the top advertised job titles may provide insight into the types of positions sought by employers.

Exhibit 8: Job Titles Most Frequently Used in Job Ads, IE/D Region, Sep 2025 – Aug 2026

Job Title	Unique Postings
CDL-A Truck Drivers	2,200
Local CDL-A Truck Drivers	494
Regional CDL-A Truck Drivers	449
OTR CDL-A Truck Drivers	337
Drivers	314
Team CDL-A Truck Drivers	216
Dedicated CDL-A Truck Drivers	194
Truck Drivers	190
OTR Company CDL-A Truck Drivers	116
OTR Truck Drivers	116
CDL-B Truck Drivers	77
Commercial Drivers	77

Source: Lightcast 2026.3

Exhibit 9 displays the employers posting the most job ads for Heavy and Tractor-Trailer Truck Drivers during the last 12 months. Showing employer names can provide insight into where students may find employment after completing a program and may inform job development and other employer engagement targets for faculty and staff involved in related programs.

JB Hunt and C.R. England posted the most unique job posts for this occupation in the last 12 months. Posting intensity is the ratio of total job posts to unique job posts which are de-duplicated. A higher posting intensity can represent the level of effort and activity the organization is putting into hiring for that position. The following report comes directly from Lightcast's Job Posting Analytics dashboard.

Exhibit 9: Top Employers by Number of Job Posts, IE/D Region, Sep 2025 – Aug 2026

Company	Total/Unique (Sep 2025 - Aug 2026)	Posting Intensity	Median Posting Duration
JB Hunt	636 / 379	2 : 1 	22 days
C.R. England	328 / 235	1 : 1 	18 days
Marten Transport	600 / 226	3 : 1 	30 days
System Transport	463 / 137	3 : 1 	31 days
Werner Enterprises	217 / 123	2 : 1 	30 days
FedEx	388 / 116	3 : 1 	33 days
Amazon	163 / 87	2 : 1 	32 days
Transco Lines	133 / 77	2 : 1 	30 days
Updike Distribution Logistics	111 / 72	2 : 1 	17 days
May Trucking	121 / 66	2 : 1 	33 days

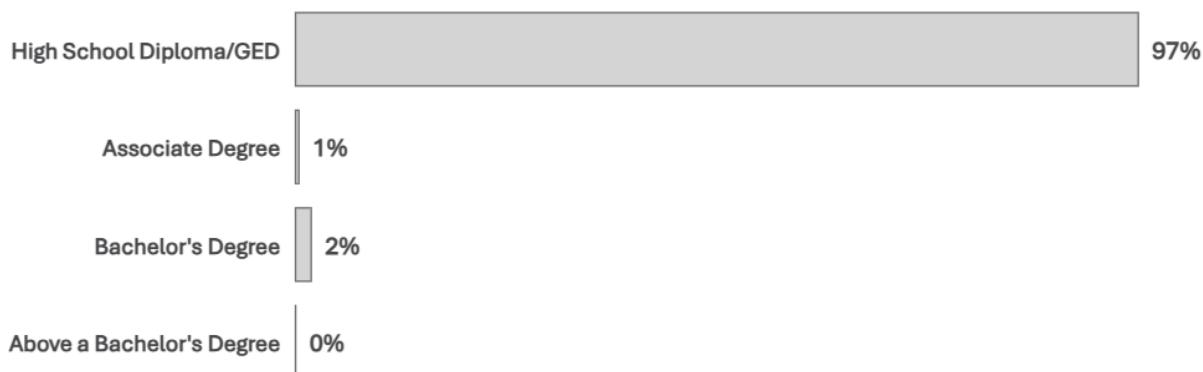
Source: Lightcast 2026.3

Key Takeaway: The number of job postings (8,794) is much more than the projected number of annual job openings (5,362), with 1,642 companies posting, and it appears that the overwhelmingly (+50%) majority of job titles found in job ads were related to CDL Class A truck drivers.

Job Posting Education and Experience

Exhibit 10 includes the minimum educational requirements from job postings for this occupation with high school diploma/GED (97%) significantly greater than bachelor's degree (2%) or associate degree (1%).

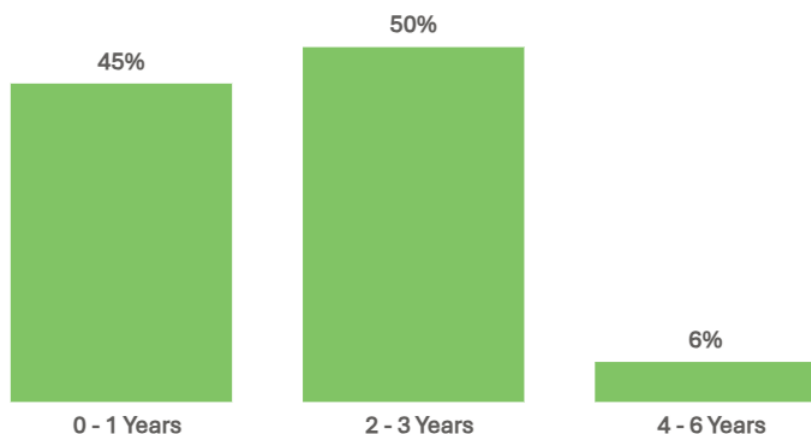
Exhibit 10: Minimum Educational Requirements in Job Posts, IE/D Region, Sep 2025 – Aug 2026



Source: Lightcast 2026.3

Exhibit 11 displays the work experience typically required from employer job ads for this occupation. The largest grouping (50%) of employers listing minimum experience requirements sought candidates with 2-3 years of previous work experience.

Exhibit 11: Work Experience Requirements in Job Posts, IE/D Region, Sep 2025 – Aug 2026



Source: Lightcast 2026.3

Key Takeaway: Job postings indicate that most employers (97%) sought candidates with a high school diploma/GED when a minimum education level was listed, and the largest grouping of ads (50%) prefer workers with 2-3 years of experience when experience requirements were listed.

In-Demand Skills and Certifications

Today's demand is an important indicator of which skills employers are looking for in the current market. Analyzing skills from a historical perspective as well as projecting the future needs of employers may provide insight into how the job posting skills demand compares to the market as a

whole. Skills are listed as common, specialized, or computer skills. Common skills are applicable to any field of work, specialized skills are focused on specific work activities, and computer skills are focused on software competencies.

Certifications are also shown to provide insight into the top qualifications employers are directly requesting in job postings. Certifications are an important aspect of the job search process for both employers and job applicants, so new workers in this field applying for positions should pay close attention to what certifications are most in-demand in the regional job market.

Exhibit 12 displays the top common, specialized, or computer skills that were included in the job postings over the last 12 months, which are increasing in demand at a faster rate than the market as a whole (“Rapidly Growing” or “Growing”). Program designers should consider incorporating them into the curriculum, because employers are demanding them in workers.

Exhibit 12: Top Growing Skills from Employer Job Ads, IE/D Region, Sep 2025 – Aug 2026

Skills	Skill Type	Number of Postings	% of Total Postings	Skill Growth Relative to Market
Truck Driving	Specialized	3124	36%	Growing
Good Driving Record	Specialized	1627	19%	Growing
Lifting Ability	Specialized	879	10%	Growing
English Language	Common	721	8%	Growing
Warehousing	Specialized	551	6%	Growing
Safe Driving	Common	464	5%	Growing
Professionalism	Common	452	5%	Growing
Safety Standards	Specialized	430	5%	Growing
Vehicle Inspection	Specialized	416	5%	Growing
Pallet Jacks	Specialized	361	4%	Growing

Source: Lightcast 2026.3

Exhibit 13 displays the top common, specialized, or computer skills that were included in the job postings over the last 12 months, which are increasing in demand at a slower rate than the market as a whole (“Lagging”). Program designers should not necessarily remove them from the curriculum but should consider whether to especially focus on them, because employers are becoming less interested in them according to job posting analysis.

Exhibit 13: Top Lagging Skills from Employer Job Ads, IE/D Region, Sep 2025 – Aug 2026

Skills	Skill Type	Number of Postings	% of Total Postings	Skill Growth Relative to Market
Commercial Driving	Specialized	668	8%	Lagging
Over-The-Road Driving	Specialized	232	3%	Lagging
Computer Literacy	Common	140	2%	Lagging
Oil and Gas	Specialized	117	1%	Lagging
Dangerous Goods/Hazmat Transport	Specialized	103	1%	Lagging
DOT (Graph Description Language)	Software	5	0%	Lagging
Google Maps	Software	5	0%	Lagging
Microsoft Windows	Software	3	0%	Lagging
Log Files	Software	2	0%	Lagging
UKG	Software	2	0%	Lagging

Source: Lightcast 2026.3

Exhibit 14 displays the top common, specialized, or computer skills that were included in the job postings over the last 12 months, which are stable compared to the market as a whole (“Stable”). Program designers should not necessarily modify the curriculum to focus on them but should consider their continued use, because employers are still interested in them according to job posting analysis.

Exhibit 14: Top Stable Skills from Employer Job Ads, IE/D Region, Sep 2025 – Aug 2026

Skills	Skill Type	Number of Postings	% of Total Postings	Skill Growth Relative to Market
Communication	Common	1613	18%	Stable
Loading And Unloading	Specialized	1181	13%	Stable
Customer Service	Common	1092	12%	Stable
Pre-Trip And Post-Trip Vehicle Inspections	Specialized	1043	12%	Stable
Operations	Common	824	9%	Stable
Flatbed Truck Operation	Specialized	711	8%	Stable
No-Touch Freight	Specialized	431	5%	Stable
Management	Common	429	5%	Stable
Refrigerated Trucking	Specialized	339	4%	Stable
Forklift Truck	Specialized	338	4%	Stable

Source: Lightcast 2026.3

Exhibit 15 displays the top qualifications/certifications that were included in the job postings over the last 12 months. Program designers should consider incorporating preparation for certification completion and/or exam preparation into the curriculum, if applicable, because employers are demanding these qualifications in workers. A notable share of employers sought candidates with a CDL Class A License. The CDL Class A License is designed for individuals to operate any legal combination of vehicles with a gross combination weight rating (GCWR) of 26,001 pounds or more,

provided the gross vehicle weight rating (GVWR) of the vehicle(s) being towed is in excess of 10,000 pounds.⁴ Please visit the [California Department of Motor Vehicles](https://www.dmv.ca.gov/portal/driver-licenses-identification-cards/commercial-driver-licenses-cdl/commercial-driver-license-classes-certifications/) for more information about the CDL Class A License.

Exhibit 15: Top Qualifications/Certifications from Employer Job Ads, IE/D Region, Sep 2025 – Aug 2026

Qualification	Number of Postings	Percent of Total Postings
CDL Class A License	2870	33%
Commercial Driver's License (CDL)	2155	25%
Valid Driver's License	959	11%
CDL Class B License	268	3%
Hazmat Endorsement	268	3%
Tanker Endorsement	224	3%
Doubles Endorsement	190	2%
CDL Class C License	136	2%
Tanker And Hazmat Combo X Endorsement	125	1%
Forklift Certification	91	1%
Triples Endorsement	91	1%

Source: Lightcast 2026.3

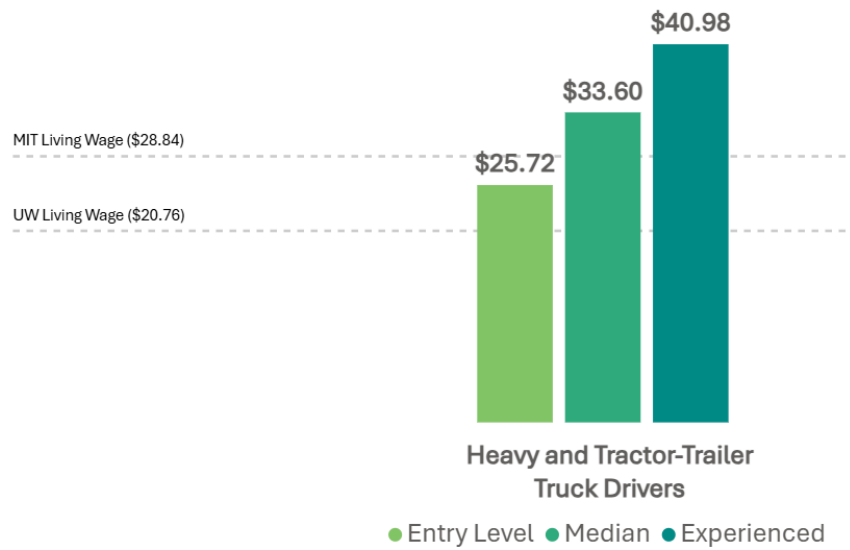
Job Posting Wage Data

Exhibit 16 displays the regional online advertised salaries for Heavy and Tractor-Trailer Truck Drivers over the last 12 months. The salary information of online job ad data suggests employers advertise entry level hourly wages of \$25.72 (estimated to be equal to an annual salary of \$53,498), which is \$5 above the UW Self-Sufficiency Standard for the IE/D for one adult, \$20.76.

However, the assessed occupation has entry level wages below the MIT living wage for one adult (\$28.84) in projected entry-level wages.

⁴ “Commercial Driver’s License Classes and Certifications.” California Department of Motor Vehicles. Retrieved from: <https://www.dmv.ca.gov/portal/driver-licenses-identification-cards/commercial-driver-licenses-cdl/commercial-driver-license-classes-certifications/>.

Exhibit 16: Hourly Wages by Occupation in Job Posts, IE/D Region, Sep 2025 – Aug 2026



Source: Lightcast 2026.3

Key Takeaway: Employers posting jobs in the region are offering entry-level hourly wages of \$25.72 for the assessed occupation, which is \$5 above the IE/D living wage of \$20.76.

Appendix: Methodology and Sources

Endorsement Criteria

Based on the available labor market information, programs may receive a “Full Endorsement” (all criteria met with green checkboxes), a “General Endorsement” to proceed with caution (at most 1 red checkbox, with majority of criteria met with green or yellow checkboxes), and a non-endorsement (1 or 0 criteria met).

The table below has a high-level description of the LMI endorsement criteria.

Criteria	Purpose	Measure
Demand	Ensures there is sufficient labor market demand to justify program development.	This criterion is fully met if there are more than 75 annual job openings per occupation, on average.
Supply Gap	Ensures that the number of individuals exiting regional programs is sufficiently less than the regional demand to justify program development.	This criterion subtracts the number of postsecondary awards from the number of annual job openings. The criterion is fully met if the supply is less than 90% of demand.
Living Wage	Ensures that the occupations of interest provide workers with earnings sufficient to support themselves.	This criterion compares the entry-level earnings of the occupations of interest to the regional living wage. The majority of annual job openings need to be related to occupations whose entry level wages exceed the living wage to fully meet this criterion.
Education	Ensures that the occupations of interest are appropriate for community college program development (middle-skill).	This criterion is fully met if a majority of annual job openings need to be related to occupations which typically requires a community college-level education or if more than one-third of workers in the field possess a community college degree as their highest educational attainment or whose OJT type is an apprenticeship.

Endorsement Criteria Calculations

The charts below specify how a “Green Rating”, a “Yellow Rating”, or a “Red Rating” is given to each specific LMA Endorsement Criteria and the associated calculations.

The chart below displays the endorsement criteria calculations for labor market assessments that analyze a **single occupation** (SOC).

Criteria	Green Rating	Yellow Rating	Red Rating
Demand	75+ Annual Job Openings (AJOs)	50-74 Annual Job Openings (AJOs)	Less than 50 Annual Job Openings (AJOs)
Supply Gap	Supply is less than 90% of Demand (AJOs)	Supply is 90%-110% of Demand (AJOs)	Supply is greater than 110% of Demand (AJOs)

Criteria	Green Rating	Yellow Rating	Red Rating
Living Wage	25th Percentile Wages are At or Above the Regional Self-Sufficiency Wage Level (25 th percentile earnings > \$20.76)	25th Percentile Wages are At or Above 90% of the Regional Self-Sufficiency Wage Level (25 th percentile earnings > \$18.68)	25th Percentile Wages are Below 90% of the Regional Self-Sufficiency Wage Level (25 th percentile earnings < \$18.68)
Education	Typical Education Level is "Some College", "Postsecondary Nondegree Award", or "Associate Degree" OR 33%+ of Education Attainment is "Some College" or "Associate Degree"; OR Typical On-The-Job Training is "Apprenticeship"	Not Applicable	None of the Green Rating criteria are met

The chart below displays the endorsement criteria calculations for labor market assessments that analyze **multiple occupations** (SOCs).

Criteria	Green Rating	Yellow Rating	Red Rating
Demand	Total Annual Job Openings (AJOs) are Greater Than or Equal to the Following Value: [75 * Number of Occupations] Ex: 2 SOCs = 150 AJOs	Total Annual Job Openings (AJOs) are Between the Following Values: [50 * Number of Occupations] to [75 * Number of Occupations] Ex: 2 SOCs = 100 to 150 AJOs	Total Annual Job Openings (AJOs) are Less Than the Following Value: [50 * Number of Occupations] Ex: 2 SOCs = < 100 AJOs
Supply Gap	Supply is less than 90% of Total Demand (AJOs)	Supply is 90%-110% of Total Demand (AJOs)	Supply is greater than 110% of Total Demand (AJOs)
Living Wage	50%+ of Total AJOs are related to SOCs whose 25th Percentile Wages are at or Above the Regional Self-Sufficiency Wage Level	50%+ of Total AJOs are related to SOCs whose 25th Percentile Wages are at or Above 90% of the Regional Self-Sufficiency Wage Level	Less Than 50% of Total AJOs are related to SOCs whose 25th Percentile Wages are at or Above 90% of the Regional Self-Sufficiency Wage Level

Criteria	Green Rating	Yellow Rating	Red Rating
	(25 th percentile earnings > \$20.76)	(25 th percentile earnings > \$18.68)	(25 th percentile earnings < \$18.68)
Education	50%+ of AJOs are related to SOC's whose Typical Education Level is "Some College" or "Associate Degree" or whose Typical On-The-Job Training is "Apprenticeship" OR 33%+ of Education Attainment across all SOC's is "Some College" or "Associate Degree"	Not Applicable	None of the Green Rating criteria are met

Data Sources

The table below displays the average annual California Community College (CCC) awards conferred during the three academic years between 2022 and 2025 from the California Community Colleges Chancellor's Office Management Information Systems (MIS) Data Mart. Awards are the combined total during the timeframe, divided by three in this case to calculate an annual average. This is being done to minimize the effect of atypical variations that might be present in a single year.

Type of Data	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. https://lightcast.io/ The job posting data is collected from scraping online job boards such as LinkedIn, Indeed, Glassdoor and many others. The process Lightcast uses to assemble this data does have some limitations due to methods that recruitment professionals sometimes use (e.g., posting one job to fill multiple positions). For example, the number of jobs posted is not necessarily the same as the number of job vacancies. While not perfect, Lightcast leverages machine learning and other AI technologies to enrich, deduplicate and aggregate this information to make it a meaningful dataset.

Type of Data	Source
Self-Sufficiency Standard	Center for Women's Welfare, University of Washington. (2024). The self-sufficiency standard for California 2024. http://www.selfsufficiencystandard.org/. This calculation 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. The living wage for one adult in San Bernardino County is \$20.07 per hour (\$42,392 annually). The living wage for one adult in Riverside County is \$20.76 per hour (\$43,854 annually). The higher of the two is used to represent Inland Empire/Desert, which is \$20.76 per hour (\$43,123 annually).
Living Wage (MIT)	Living wage data sourced from the Living Wage Institute via https://livingwage.mit.edu/counties/06065; https://livingwage.mit.edu/counties/06071, Accessed on June 6, 2026. The living wage is derived from MITs Living Wage 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://livingwage.mit.edu/pages/methodology. The living wage for one adult in San Bernardino County is \$27.60 per hour (\$52,353.60 annually). The living wage for one adult in Riverside County is \$28.84 per hour (\$59,987 annually). The higher of the two, \$28.84 per hour (\$59,987 annually), is used to represent the Inland Empire/Desert 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
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