CENTER OF EXCELLENCE FOR LABOR MARKET RESEARCH
LOS ANGELES

Labor Market Analysis: 0510.00 – Logistics and Materials Transportation 52.0203 – Logistics, Materials, and Supply Chain Management

Supply Chain, Logistics, and the Blue Economy

Certificate of Achievement

Los Angeles Center of Excellence, October 2026

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

Program Endorsement Criteria		
Supply Gap:	Yes ☑	No ☐
Living Wage: (Entry-Level, 25th)	Yes ☑	No ☐
Education:	Yes ☑	No ☐
Emerging Occupation(s)		
Yes ☑		No ☐

SUMMARY

This report analyzes whether local labor market demand is being met by community college programs aligned with the identified middle-skill occupations[1] or whether a shortage of workers exists. Labor market demand is measured by annual job openings while education supply is measured by the number of awards (degrees and certificates) conferred on average each year.

Based on the available data, there appears to be a supply gap for the four identified middle-skill occupations in the region. Furthermore, the majority of annual openings have entry-level wages that exceed the self-sufficiency standard wage in both Los Angeles and Orange counties, and one-third of current workers in the field have completed some college or an associate degree as their highest level of educational attainment.

Recommendation: Due to all three program endorsement criteria being met, the Los Angeles Center of Excellence for Labor Market Research (LA COE) endorses this proposed program.

Key Findings

Supply Gap

- 4,858 annual job openings are projected in the region through 2030. This number is greater than the three-year average of 152 awards conferred by educational institutions in the region.

[1] Middle-skill occupations typically require some postsecondary education, but less than a bachelor's degree. The COE classifies middle-skill jobs as the following:

- 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.

Living Wage

- 57% of annual job openings for these middle-skill supply chain and logistics occupations have entry-level wages **above** Los Angeles County's self-sufficiency standard hourly wage ($24.03/hour).[2]

Educational Attainment

- 63% of the annual job openings typically require a high school diploma or equivalent for middle-skill occupations related to supply chain and logistics in the LA/OC region.
- 30%-38% of workers in the field have completed some college or an associate degree, according to national educational attainment data.

Community college supply

- 7 community colleges issued awards related to supply chain and logistics in the greater LA/OC region.
- 148 awards (degrees and certificates) were conferred on average each year between 2023 and 2025.

Other postsecondary supply

- 2 educational institutions in the LA/OC region have conferred bachelor's awards in programs related to supply chain and logistics over the past three years.
- 4 bachelor's awards were conferred on average each year by other postsecondary institutions throughout the greater LA/OC region between 2022 and 2024.

TARGET OCCUPATIONS

LA COE prepared this report to provide regional labor market and postsecondary supply data related to four middle-skill occupations and one emerging occupation. Although two of the occupations in this report typically require a bachelor's degree, they are considered middle-skill because approximately one-third of workers in the field have completed some college or an associate degree. For full occupation descriptions, please see Appendix.

- ***Industrial Production Managers* (11-3051)**[3]
- ***Transportation, Storage, and Distribution Managers* (11-3071)**[4]
  - ***Supply Chain Managers* (11-3071.04)**[5]
- ***Logisticians* (13-1081)**[6]
- ***Production, Planning, and Expediting Clerks* (43-5061)**[7]

[2] Center for Women's Welfare, University of Washington. (2024). *The self-sufficiency standard for California 2024.* http://selfsufficiencystandard.org/California.
[3] Industrial Production Managers (bls.gov)
[4] Transportation, Storage, and Distribution Managers (bls.gov)
[5] Supply Chain Managers (onetonline.org)
[6] Logisticians (bls.gov)
[7] Production, Planning, and Expediting Clerks (bls.gov)

OCCUPATIONAL DEMAND

Exhibit 1 shows the five-year occupational demand projections for these supply chain and logistics occupations. In the greater Los Angeles/Orange County region, the number of jobs related to occupations is projected to decrease by 1% through 2030. However, there will be nearly 4,900 job openings per year through 2030 due to retirements and workers leaving the field. The majority of jobs in 2025 for these target occupations (73%) were located in Los Angeles County.

Exhibit 1: Current employment and occupational demand, Los Angeles and Orange counties[8]

Geography	2025 Jobs	2030 Jobs	2025-2030 Change	2025-2030 % Change	Annual Openings
Los Angeles	41,750	41,110	(640)	(2%)	3,530
Orange	15,407	15,550	142	1%	1,328
Total	**57,157**	**56,659**	**(498)**	**(1%)**	**4,858**

Detailed Occupation Data

Exhibit 2 displays the current employment and projected occupational demand for each of the target occupations in Los Angeles County. The average percentage of workers aged 55+ across all occupations in the Los Angeles/Orange County region is 26%; occupations with a larger share of workers aged 55 and older typically have greater replacement needs to offset the amount of impending retirements. On average, 81% of workers across all occupations in California are employed full-time.

Exhibit 2: Detailed employment and occupational demand, Los Angeles County[9]

Occupation	2025 Jobs	2030 Jobs	5-Yr % Change	Annual Openings	% Aged 55 and older	% Full Time Workers
Industrial Production Managers	6,470	6,214	(4%)	433	34%	100%
Transportation, Storage, and Distribution Managers	9,616	9,620	0%	746	28%	93%
Logisticians	8,341	8,809	6%	828	22%	100%
Production, Planning, and Expediting Clerks	17,323	16,466	(5%)	1,523	27%	81%
Total	**41,750**	**41,110**	**(2%)**	**3,530**	**-**	**-**

WAGES

The labor market endorsement in this report considers the entry-level hourly wages for these supply chain and logistics occupations in Los Angeles County as they relate to the county's self-

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

sufficiency standard wage. Orange County wages are included below in order to provide a complete analysis of the greater Los Angeles/Orange County region.

Los Angeles County

The majority, 57%, of annual openings for these supply chain and logistics occupations have entry-level wages above the self-sufficiency standard wage for one adult ($24.03 in Los Angeles County). Typical entry-level hourly wages are in a range between $23.29 and $46.18. (Exhibit 3).

Three occupations have entry-level wages above the self-sufficiency standard wage:

- *Industrial production managers*, $46.18
- *Transportation, storage, and distribution managers,* $39.50
- *Logisticians,* $30.68

Experienced workers can expect to earn wages between $36.61 and $80.44, which are higher than the self-sufficiency standard.

Exhibit 3: Earnings for occupations in Los Angeles County

Occupation	Entry-Level Hourly Earnings (25th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75th Percentile)	Median Annual Earnings*
Industrial Production Managers	$46.18	$60.36	$77.27	$125,600
Transportation, Storage, and Distribution Managers	$39.50	$60.21	$80.44	$125,200
Logisticians	$30.68	$39.02	$50.42	$81,200
Production, Planning, and Expediting Clerks	$23.29	$29.53	$36.61	$61,400

*Rounded to the nearest $100

Orange County

The majority, 58%, of annual openings for supply chain and logistics occupations have entry-level wages above the self-sufficiency standard wage for one adult ($27.13 in Orange County). Typical entry-level hourly wages are in a range between $23.71 and $47.86 (Exhibit 4).

Three occupations have entry-level wages above the self-sufficiency standard wage:

- *Industrial production managers*, $47.86
- *Transportation, storage, and distribution managers,* $40.38
- *Logisticians,* $30.94

Experienced workers can expect to earn wages between $37.19 and $82.12, which are higher than the self-sufficiency standard.

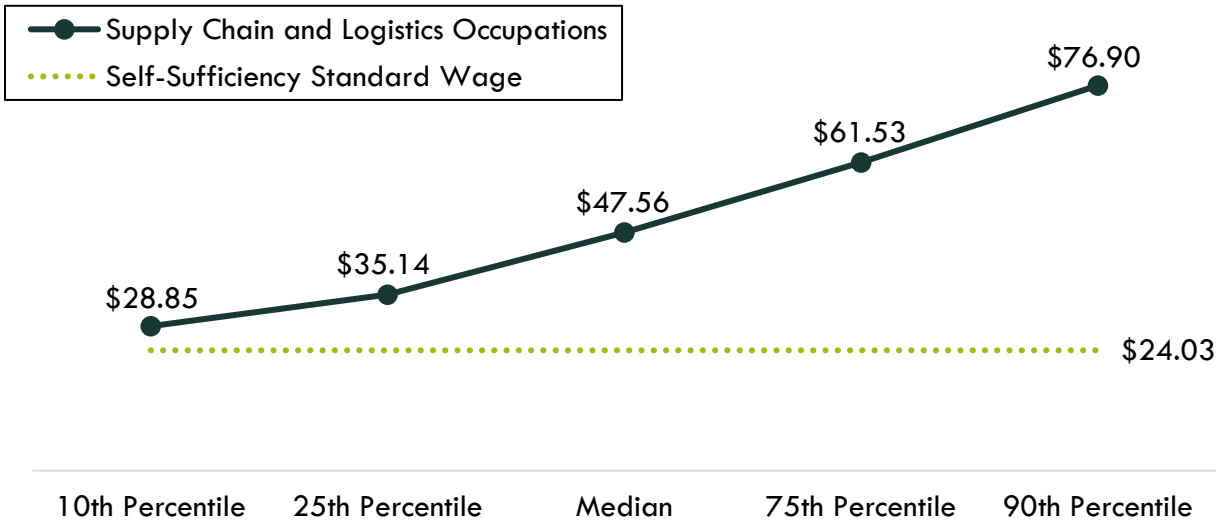
Exhibit 4: Earnings for occupations in Orange County

Occupation	Entry-Level Hourly Earnings (25th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75th Percentile)	Median Annual Earnings*
Industrial Production Managers	$47.86	$62.21	$79.40	$129,400
Transportation, Storage, and Distribution Managers	$40.38	$61.47	$82.12	$127,800
Logisticians	$30.94	$39.36	$50.85	$81,900
Production, Planning, and Expediting Clerks	$23.71	$30.03	$37.19	$62,500

*Rounded to the nearest $100

Across the greater Los Angeles and Orange County region, the average entry-level hourly earnings for the occupations in this report are $35.14; this is above the living wage for one single adult in Los Angeles County ($24.03). Exhibit 5 shows the average hourly wage for the occupations in this report, for entry-level to experienced workers.

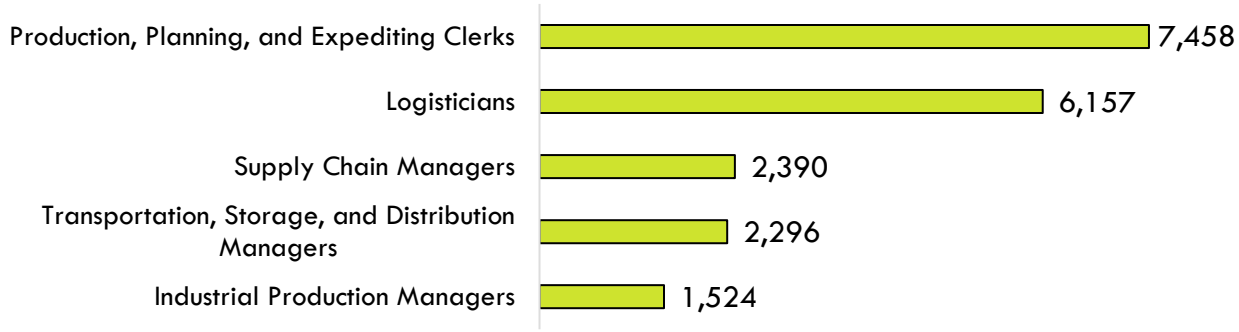
Exhibit 5: Average hourly earnings for target occupations, Los Angeles and Orange counties



JOB POSTINGS BY OCCUPATION

There were 19,825 online job postings related to supply chain and logistics occupations listed in the past 12 months in Los Angeles and Orange counties. Exhibit 6 displays the number of job postings by occupation. The majority of job postings (38%) were for *production, planning, and expediting clerks*, followed by *logisticians* (31%) and *supply chain managers* (12%).

Exhibit 6: Job postings by occupation (last 12 months), Los Angeles and Orange counties



Job postings were analyzed for the most common job titles, skills, and employers associated with the target occupations in this report (Exhibit 7).

Exhibit 7: Most commonly requested job titles, skills and employers in job postings, Los Angeles and Orange counties

Top Job Titles	Top Skills	Top Employers
• Schedulers • Logistics coordinators • Production coordinators • Production planners • Appointment setters • Warehouse managers • Scheduling coordinators • Operations coordinators • Logistics specialists	• Supply chain • Continuous improvement • Warehousing • Inventory management • Auditing • Process improvement • Workflow management • Key performance indicators (KPIs)	• Anduril Industries • Geopaq Logic • Northrop Grumman • AppleOne* • Allied Universal • Robert Half* • Ultimate Staffing* • Insight Global* • Sunrun

*Staffing company

In the greater Los Angeles/Orange County region, 61% of the target job postings listed a minimum educational requirement. Exhibit 8 details the number and percentage of job postings by educational level.

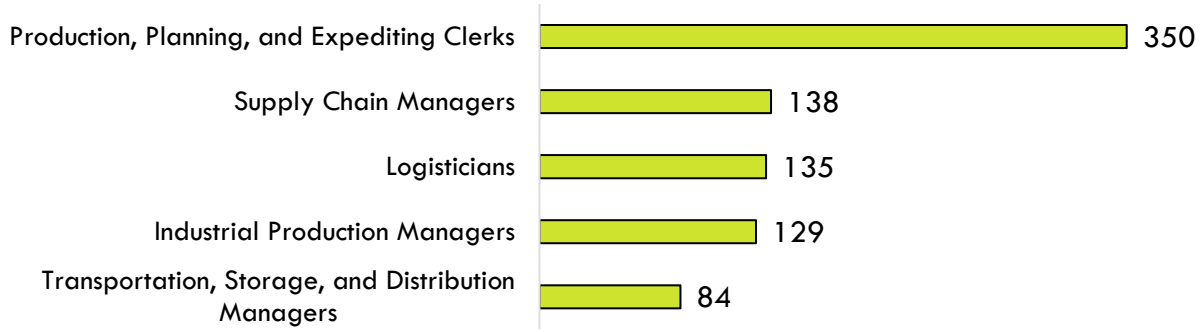
Exhibit 8: Education levels requested in job postings for target occupations, Los Angeles and Orange counties

Education Level	Job Postings	% of Job Postings
Bachelor's degree	7,357	61%
Associate degree	652	5%
High school diploma or vocational training	4,110	34%

JOB POSTINGS BY OCCUPATION AND SECTOR

Of the 19,825 online job postings related to supply chain and logistics occupations listed in the past 12 months in Los Angeles and Orange counties, **836 were identified as "green jobs" by Lightcast.**[10] Since Blue Economy jobs focus on sustainable practices, green jobs were included to find a potential cross-section of relevant job postings. Exhibit 9 displays the number of job postings by occupation. The majority of job postings (42%) were for *production, planning, and expediting clerks*, followed by *supply chain managers* (17%) and *logisticians* (16%).

Exhibit 9: Job postings by occupation (last 12 months), Los Angeles and Orange counties



Job postings were analyzed for the most common job titles, skills, and employers associated with the target occupations in this report (Exhibit 10).

Exhibit 10: Most commonly requested job titles, skills and employers in job postings, Los Angeles and Orange counties

Top Job Titles	Top Skills	Top Employers
• Schedulers • Project schedulers • Plant managers • Supply chain specialists • Lead schedulers • Demand managers • Project controls schedulers • Manufacturing supply chain managers • Supply chain managers	• Mitigation • Project management • Supply chain • Milestones (project management) • Continuous improvement • Construction • Procurement • Key performance indicators (KPIs)	• Insight Global* • Woojin IS America • Northrop Grumman • Safran • L3Harris Technologies • Infosoft* • Southern California Edison • PM2CM • Alvarez & Marsal

*Staffing company

In the greater Los Angeles/Orange County region, 80% of the target job postings listed a minimum educational requirement. Exhibit 11 details the number and percentage of job postings by educational level.

[10] Researching Green Jobs | Lightcast Knowledge Base

Exhibit 11: Education levels requested in job postings for target occupations, Los Angeles and Orange counties

Education Level	Job Postings	% of Job Postings
Bachelor's degree	559	83%
Associate degree	19	3%
High school diploma or vocational training	92	14%

EDUCATIONAL ATTAINMENT

In the greater Los Angeles/Orange County region, the majority of annual job openings (63%) typically require a high school diploma or equivalent (Exhibit 12). However, the national-level data indicates between 30% and 38% of workers in the field have completed some college or an associate degree as their highest level of educational attainment. The Bureau of Labor Statistics (BLS) lists the following typical entry-level education levels for the occupations in this report:

Exhibit 12: Entry-level education preferred by employers nationally, Bureau of Labor Statistics

Occupation	Education Level
Industrial Production Managers	Bachelor's degree
Logisticians	Bachelor's degree
Transportation, Storage, and Distribution Managers	High school diploma or equivalent
Production, Planning, and Expediting Clerks	High school diploma or equivalent

EDUCATIONAL SUPPLY

Community College Supply

Exhibit 13 shows the annual and three-year average number of awards conferred by community colleges in the related TOP code: Logistics and Materials Transportation (0510.00). The colleges with the most completions in the region are Coastline, Santa Monica, and East LA.

Exhibit 13: Regional community college awards (certificates and degrees), 2023-2025

TOP Code	Program	College	2022-23 Awards	2023-24 Awards	2024-25 Awards	3-Year Average
0510.00	Logistics and Materials Transportation	East LA	29	33	22	28
		Mt San Antonio	12	34	32	26
		Pasadena	-	1	2	1
		Rio Hondo	8	9	3	7
		Santa Monica	7	11	91	36
		LA Subtotal	56	88	150	98

TOP Code	Program	College	2022-23 Awards	2023-24 Awards	2024-25 Awards	3-Year Average
		Coastline	62	53	33	49
		Saddleback	-	-	3	1
		OC Subtotal	**62**	**53**	**36**	**50**
		Supply Total/Average	**118**	**141**	**186**	**148**

Exhibit 14 displays the community college awards broken down by award type. In this case, the majority of awards issued by community colleges are certificates (51%).

Exhibit 14: Community college awards by award type, 2023-2025

Award Type	# of Awards	% of Awards
A.A./A.S. degrees	60	41%
Certificates	76	51%
Noncredit awards	12	8%
Total	**148**	**100%**

Other Postsecondary Supply

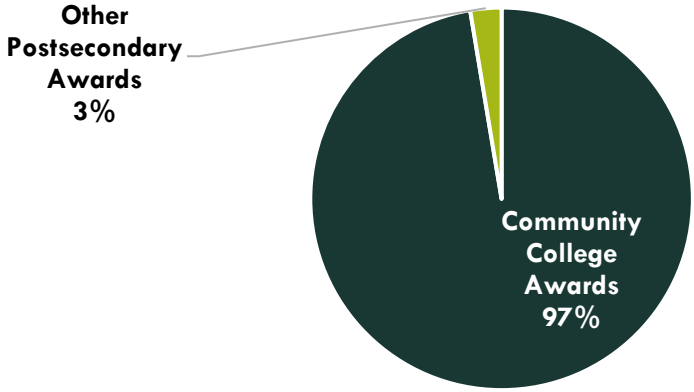
For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that provide training programs for supply chain management and logistics. Exhibit 15 shows the number of awards conferred by these institutions in relevant programs. Due to different data collection periods, the most recent data is from 2022 to 2024. Between 2022 and 2024, other postsecondary college institutions in the region conferred an average of 4 bachelor's degrees.

Exhibit 15: Other regional postsecondary awards, 2022-2024

CIP Code	Program	Postsecondary Institution	2021-22 Awards	2022-23 Awards	2023-24 Awards	3-Year Average
52.0203	Logistics, Materials, and Supply Chain Management	CSU-Dominguez Hills	-	1	-	0
		LA Pacific University	2	6	4	4
		Supply Total/Average	2	7	4	**4**

Exhibit 16 shows the proportion of community college awards conferred in the greater Los Angeles/Orange County region compared to the number of other postsecondary awards for the programs in this report. The majority of awards conferred in these programs are awarded by community colleges in the greater Los Angeles/Orange County region.

Exhibit 16: Percentage of community college awards compared to other postsecondary institution awards in the Los Angeles/Orange County region



APPENDIX: OCCUPATION DESCRIPTIONS

LA COE prepared this report to provide regional labor market supply and demand data related to these target occupations:

- ***Industrial Production Managers* (11-3051)** Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.[11]
- ***Transportation, Storage, and Distribution Managers* (11-3071)** Plan, direct, or coordinate transportation, storage, or distribution activities in accordance with organizational policies and applicable government laws or regulations. Includes logistics managers.[12]
    - ***Supply Chain Managers* (11-3071.04)** Direct or coordinate production, purchasing, warehousing, distribution, or financial forecasting services or activities to limit costs and improve accuracy, customer service, or safety. Examine existing procedures or opportunities for streamlining activities to meet product distribution needs. Direct the movement, storage, or processing of inventory.[13]
- ***Logisticians* (13-1081)** Analyze and coordinate the ongoing logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources.[14]
- ***Production, Planning, and Expediting Clerks* (43-5061)** Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule. Duties include reviewing and distributing production, work, and shipment schedules; conferring with department supervisors to determine progress of work and completion dates; and compiling reports on progress of work, inventory levels, costs, and production problems.[15]

[11] Industrial Production Managers (bls.gov)
[12] Transportation, Storage, and Distribution Managers (bls.gov)
[13] Supply Chain Managers (onetonline.org)
[14] Logisticians (bls.gov)
[15] Production, Planning, and Expediting Clerks (bls.gov)

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DATA SOURCES

- O*NET Online
- Lightcast (formerly Emsi)
- Bureau of Labor Statistics (BLS)
- California Employment Development Department, Labor Market Information Division, OES
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington
- Chancellor's Office Curriculum Inventory (COCI 2.0)

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