

Supply Chain & LOGISTICS

Did you know that the supply chain & logistics sector makes up over one third of California's economy, creating millions of direct and indirect employment opportunities?

What is Supply Chain & Logistics?

Logistics main focus is the **coordination and movement of goods**, whereas Supply Chain is concerned with the much bigger process of **sourcing, processing, and delivering goods** to the end user or customer.

(One of the early examples of **Supply Chain Management (SCM)** was Ford who implemented SCM to ensure he had the required materials at hand to facilitate their revolutionary assembly line of the Model T!)



The bar code was invented in the sand in Miami beach and based off Morse code. Today, barcodes are used by virtually every industry to track inventory, materials, or shipments.

90% of the World's Commodities are Carried by the International Maritime Industry³

THE LOGISTICS INDUSTRY IS MADE UP OF SIX DIFFERENT SECTORS



1. Road Transport
2. Rail
3. Aviation
4. Maritime
5. Warehousing
6. Storage

Last Mile Delivery is Driving Innovation.



Companies are spending vast amounts of money on drones and autonomous vehicle research.

New Technologies at Play



Drones



Automated Vehicles*



Warehouse Robotics



Augmented Reality Picking



Integrated Warehouse Management Software

Shipping is a trillion dollar industry⁶

1,000,000,000,000

SHIPPING FACTS

California Freight System Quick Facts

5,800

Commercial Miles of High Traffic Volume Interstate & Highways

11

Public Deep Sea Ports

12

Airports with Major Cargo Operations

2 Class 1

Railroads (Biggest In The Nation)

5,000,000

Employed

3

Existing & 1 Future Land Border Ports with Mexico¹

Companies with Supply Chain & Logistics Careers:



- FedEX
- UPS
- Amazon
- AMS Fulfillment
- DHL
- TESLA
- BAE Systems
- Sharp Healthcare
- XPO Logistics
- June Shine
- Northrup Grumman
- Bumble Bee
- General Atomics
- General Dynamics
- Temco Logistics

amazon

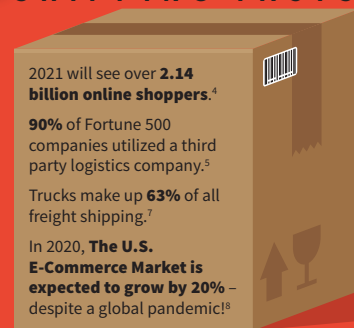
Amazon is now the 4th largest US delivery service and growing.²

Amazon has **19 Fulfillment** centers in California alone.

Amazon will have **70 of its own cargo planes** operating by 2021.

Amazon made the largest order of electric delivery vehicles ever, ordering **100,000 Rivians** to be delivered in 2021.

*California is leading the way in testing autonomous trucking through companies like Embark, TuSimple, Tesla, and Waymo.



2021 will see over **2.14 billion online shoppers**.⁴

90% of Fortune 500 companies utilized a third party logistics company.⁵

Trucks make up **63%** of all freight shipping.⁷

In 2020, **The U.S. E-Commerce Market is expected to grow by 20%** – despite a global pandemic!⁸



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Average Hourly Rates in California for Popular Jobs in the Supply Chain & Logistics Sector



Job Title	Hourly Rate
General/Ops Managers	\$36.68
First Line Supervisor of Transportation & Material Moving Workers	\$24.78
Sales & Sales Managers	\$29.85
First Line Supervisor of Mechanics & Repairers	\$32.82
Buyers & Purchasing Agents	\$25.45
Information & Record Clerks	\$21.23
Warehouse Coordinator	\$17.03
Jr. Buyer	\$26.44
Logistics Coordinator	\$18.07
Logistician	\$35.93
Cost estimators	\$34.66
Buyer	\$34.34
Traffic Coordinator	\$18.12
Production Planning & Expediting Clerk	\$24.73
Logistics Manager	\$58.53
Supply Chain Manager	\$58.12

Skills

- Attention to Detail
- Trouble Shooting
- Repairing Things
- Observational Skills
- Problem Solving
- Decision Making Under Pressure
- Communication
- Craftsmanship

Common Skills

Forklift Operation	Sorting and Packaging	Software Communication	Distribution	Supply Chain Knowledge
Data Entry	Hand Truck Operation	Inventory Maintenance	Manufacturing Resource Planning	General Business Skills
Order Entry	Production and Processing	Warehousing	Material Flow	Productivity Software
Accounting	Administration and Management	Management Systems	Transportation Management Skills	Customer Service
Sales	Accounting	Product	Scheduling	
Inventory Management			Logistics and	

Los Angeles County Programs

East LA College

<https://www.elacollegistics.com/>

Long Beach City College

<https://www.lbcc.edu/concentration-international-business>

Santa Monica College

<https://www.smc.edu/academics/areas-of-interest/business-global-trade-and-logistics.php>

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