



CALIFORNIA
COMMUNITY
COLLEGES
**ECONOMIC &
WORKFORCE
DEVELOPMENT
PROGRAM**

BUSINESS AND WORKFORCE PERFORMANCE IMPROVEMENT INITIATIVE

Executive Summary Industry Scan Report Los Angeles County

Logistics Industry *“Logistics Management”*



Prepared By:

**Center of Excellence, Los Angeles County
Hosted at Mt. San Antonio Community College**

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IN THE FIELD OF LOGISTICS, THE NUMBER OF FIRST-LINE SUPERVISORS IS EXPECTED TO INCREASE BY 14.5% AND THE NUMBER OF TRANSPORTATION, STORAGE AND DISTRIBUTION MANAGERS BY 20.4% BETWEEN 2002 AND 2012¹.

Executive Summary

In 2005/2006, the Center of Excellence hosted at Mt. San Antonio Community College, serving Los Angeles County, conducted an Industry Scan to identify Strategic Opportunities for Community Colleges to meet high-growth, high demand training needs of employers in the surrounding community and region. The Logistics industry was the one that presented the most opportunities for training and education.

The Strategic Opportunity for Community Colleges to meet the high-growth high-demand workforce needs of the Logistics Industry in Southern California includes education, training, incumbent workers professional development, and working collaboratively with businesses and workforce development partners.

A first report on Distribution and Warehousing was completed in August 2005. This new report is the second one relating to the Logistics Industry, and focuses on the Logistics Management component.

As California's economy has transformed from mass production to lean production and now mass customization, logistics and supply chain management has become the key to creating a "real time economy" where products are designed and delivered directly to customers. Thousands of jobs are being created to manage efficiently the movement of goods.

This is particularly true in Southern California where the region has the largest number of jobs in Logistics, approximately 240,000 in 2003, about 59% of all Logistics jobs in California. Employment in Logistics grew by 22%, from about 198,000 in 1990 to 240,700 in 2003². The trend is expected to continue as a result of the changes in manufacturing, the growth of international trade and of the volume of goods handled through the ports of Los Angeles / Long Beach, and the increase in population.

There is a clear opportunity for the Community Colleges to prepare students to enter this growing sector, as well as to upgrade employees' skills to allow them to move up the career ladder to supervisory and management positions. They will learn how to integrate materials management and physical distribution with strategic planning and

¹ 2005 California Regional Economies Project, Logistics and Manufacturing Value Chains

² 2005 California Regional Economies Project, Logistics and Manufacturing Value Chains

information technology (industry-specific software, global positioning systems, radio frequency identification devices and wireless telecommunication platforms).

Credit courses: A certificate program and/or an Associate Degree with a concentration in Logistics should be created to offer students the ability to learn about Logistics before they transfer to a University or to prepare them to enter the industry directly after completion, and to train incumbent workers who need additional skills to advance their careers. Courses would include business writing, business planning, management, Logistics, warehouse management and material handling, supply chain management, transportation management, supervision, leadership and total quality management. Students would also be strongly encouraged to complete internships to gain work experience.

Non-credit: An industry survey conducted for the development of the report, showed a need for short-term training, possibly in the form of workshops, contract education or non-credit classes, in areas including customer service skills, supervision, writing, logistics, organization skills, management and leadership, team building, time management or safety.

This is a tremendous Strategic Opportunity for the Community Colleges to assist in providing the industry with a qualified workforce, and to train incumbent workers to allow them to move up the career ladder to high-paying jobs.

This opportunity is detailed within a full report along with reference to key data sources, a profile of the industry and specific training needs. A request for the full report can be sent to areille@mtsac.edu.

Acknowledgements

Prepared By:

Center of Excellence serving Los Angeles County
Hosted at Mt. San Antonio Community College
Economic and Workforce Development
1100 N. Grand Avenue, Bldg. 35, Walnut, CA 91789
Phone: (909) 594-5611 Fax: (909) 468-4093
areille@mtsac.edu www.ccewd.net

In Collaboration With:

Highpoint Management Group
1154 Emerson Street, Upland, CA 91784
Phone: (909) 920-4449 Fax: (909) 949-8391
Christine.Bozar@verizon.net

Strategic Partners: Industry Associations

Distribution Management Association
Council of Supply Chain Management Professionals

* The Business and Workforce Performance Improvement Initiative is a grant-funded project through the Economic & Workforce Development Program of the California Community Colleges. Our mission is to strengthen California's workforce and advance economic growth through education, training and job development.

Business & Workforce Improvement Initiative

Description of the BWPI Initiative:

The Business and Workforce Performance Improvement (BWPI) initiative is focused on building the capacity of the colleges in the area of economic and workforce development to enhance their ability to deliver education and training services to businesses and workers in high growth industries and new technologies.

The Centers of Excellence (COE) within BWPI provide information regarding workforce trends, increasing awareness and visibility about the colleges economic and workforce development programs and services, and building partnerships with business and industry.

This will help colleges to be positioned as the workforce partners of choice to business and industry and ensure that college programs are current and responsive. This will contribute to the overall economic vitality of the communities in which they serve.

How to Use an Industry Scan:

The Centers of Excellence within the Business and Workforce Performance Improvement Initiative of the California Community College Economic and Workforce Development Program have undertaken Industry Scanning to provide targeted and valuable information to community colleges on high-growth industries and occupations.

A scan is intended to assist the decision-making process of California community college administrators and planners in addressing local and regional workforce needs and emerging job opportunities in the workplace as they relate to college programs. The information contained in the report can be used to guide program offerings, strengthen grant applications, and support other economic and workforce development efforts.

The full industry scan report is designed to provide current industry data that will:

- Define potential strategic opportunities relative to an industry's emerging trends and workforce needs;
- Influence and inform local college program planning and resource development; and
- Promote a future-oriented and market-responsive way of thinking among stakeholders.

The Industry Scan included a review of the California Regional Economies Project reports and Employment Development Department (EDD) Labor Market Information (LMID) projections that cover the communities in the specific region, as well as many other sources as listed.

Important Disclaimer:

All representations included in this Industry Scan product/study have been produced from a secondary review of publicly and/or privately available data and/or research reports. Efforts have been made to qualify and validate the accuracy of the data and the reported findings. The purpose of the Industry Scan is to assist the California Community Colleges to respond to emerging market needs for workforce performance improvement. However, neither the Business and Workforce Performance Improvement Centers of Excellence, COE host college nor California Community Colleges Chancellor's Office are responsible for applications or decisions made by recipient community colleges or their representatives based upon this study including components or recommendations.