

NARRATIVE TEMPLATE for Porterville College Logistics Management Certificate of Achievement

Item 1. Program Goals and Objectives

The goal for the Logistics Management Certificate program is to provide an opportunity for students to complete a short-term, intensive, hands-on program preparing them for employment and/or advancement within management career patterns of the logistics industry. Preparation for ongoing study of the field is also provided. Our focus is integrated logistics, a necessity for management of effective and efficient supply chains. Logistics disciplines covered include warehousing, operations, supply chain, distribution, transportation, and service contracting, purchasing, and global logistics.

Upon completion of this program students will be able to:

- Compare roles and objectives of the logistics disciplines.
- Explain how logistics functions can interact to efficiently use total personnel, facilities and equipment.
- Explain knowledge needed by multidisciplinary teams to effectively integrate and exceed end user (customer) expectations.
- Analyze, prepare, file and process claims when unavoidable freight disputes arise.
- Explain how the overall flow of goods, services and information can be optimized to satisfy customer and business goals.
- Identify third party logistics provider and client needs in negotiations, bidding and contracts, as well as legal and regulatory constraints to integrated logistics.
- Describe roles and value added by global logistics intermediaries.

Item 2. Catalog Description

The Logistics Management Certificate Program will prepare students in warehousing, operations, supply chain, distribution, transportation, purchasing, and global logistics to enter into or advance within management career patterns of the logistics industry. The goal for the Logistics Management Certificate program is to provide an opportunity for students to complete a short-term intensive, hands-on program preparing them for employment in the logistics field.

Upon completion of this program students will be able to:

- Compare roles and objectives of the logistics disciplines.
- Understand how logistics functions can interact to efficiently use total personnel, facilities and equipment.
- Contribute knowledge needed by multidisciplinary teams to effectively integrate and exceed end user (customer) expectations.

- Analyze, prepare, file and process claims when unavoidable freight disputes arise.
- Explain how the overall flow of goods, services and information can be optimized to satisfy customer and business goals.
- Identify third party logistics provider and client needs in negotiations, bidding and contracts, as well as legal and regulatory constraints to integrated logistics.
- Describe roles and value added by global logistics intermediaries.

Required Core (20 units)

BSAD P170 Logistics Operation Management 3 units

BSAD P171 Purchasing and Contracting 3 units

BSAD P172 Supply Chain Management 3 units

BSAD P174 Transportation Management 3 units

BSAD P173 Distribution Management 3 units

BSAD P175 Global and International Logistics 3 units

BSAD P162 Entrepreneurial Mentor/Internship 3 units

Item 3. Program Requirements

The certificate program requires 20 units for completion; all are required units. The required courses include Logistics Operation Management, Purchasing and Contracting, Supply Chain Management, Transportation Management, Distribution Management, Global and International Logistics and Entrepreneurial Mentor/Internship.

Certificate of Achievement: Logistics Management

Requirements	Dept. Name/#	Name	Units	Sequence
Required Core (20 units)	BSAD P170	Logistics Operation Management	3	Yr 1 Fall
	BSAD P171	Purchasing and Contracting	3	Yr 1 Fall
	BSAD P172	Supply Chain Management	3	Yr 1 Fall
	BSAD P174	Transportation Management	3	Yr 2 Spring
	BSAD P173	Distribution Management	3	Yr 2 Spring
	BSAD P175	Global and International Logistics	3	Yr 2 Spring
	BSAD P162	Entrepreneurial Mentor/Internship	2	Yr 2 Spring

Required Core Total: 20 units

TOTAL UNITS: 20 units

Proposed Sequence:
Year 1, Fall = 9 units
Year 1, Spring = 11 units
TOTAL UNITS: 20 units

Item 4. Master Planning

The Porterville College Business program has continued to show growth over the past five years as evidenced by the 83 degrees issued, 30 of which were issued in spring 2014. Current offerings are an Associate of Science for Transfer, Business Administration, Associate of Arts, Business, and an Entrepreneurship Certificate of Achievement. Porterville College does not have a focus on Logistics Management. However, with the recent growth of retail distribution centers in Kern and Tulare counties it is necessary to implement a certificate program to meet the industry need. Students currently receive a degree with a general business focus. There is a demand for a more specific focus in Logistics Management; therefore, students will be able to secure employment more readily with the proper training. Discussions began in 2012 with industry partners (Walmart Distribution, Joanne Distribution, and Young's Commercial Transfer) to develop a Logistics Management Certificate of Achievement (Advisory minutes attached). There are no Logistics Management programs within the central valley; thus, causing a deficiency in the availability of qualified candidates to meet the growing need. It is important to offer students the opportunity to have a specific industry focus while meeting the growing industry need. Additionally, It is important to create a certificate program that allows students to be counted as completers in the California Community College System.

Item 5. Enrollment and Completer Projections

EMSI data indicate that Transportation, Storage, and Distribution Manager occupations are projected to grow within the four-county region by 12.3%, 15.7% in Tulare County and nationally by 9.3%. Average hourly earnings are \$38.29 regionally and \$36.89 nationally. There are currently 44 regional openings. Based on this information, completer projections of the program annually are 30 certificates. Enrollment is projected to increase and thus increasing the number of certificates awarded.

Item 6. Place of Program in Curriculum/Similar Programs

The Logistics Management Certificate of Achievement will be offered through the Career and Technical Education Division. Currently the program is not directly related to any other programs within the college.

Item 7. Similar Programs at Other Colleges in Service Area

There is no other Logistics Management or similar programs within the college service area or within the four county regions (Tulare, Kern, Inyo, Mono).



CCC CURRICULUM INVENTORY
Program or Course Proposal
SIGNATURE PAGE

CURRICULUM & INSTRUCTIONAL ADMINISTRATION:

The program(s) and/or course(s) has/have been approved by the curriculum committee and instructional administration, and satisfy all applicable requirements of the California Code of Regulations, Title 5.

James Thompson
Date Name Signature, Curriculum Chair
Title of College Administrator

Bill Henry
Date Name Signature, V.P. Academic Affairs
Title of College Administrator

Dr. Rosa Carlson
Date Name Signature, College President
Title of College Administrator

DISTRICT (check one):

X On 11/14/2014 (date), the governing board of the Kern Community District approved the program and/or course proposal(s) attached to this request.

X The governing board has delegated to me the authority to approve program and/or course proposal(s), and I have approved the proposal(s) attached to this request.

Sandra Serrano
Date Name Signature, Superintendent/Chancellor

CAREER TECHNICAL EDUCATION (CTE) PROGRAMS ONLY:

The program(s) fulfill(s) the requirements of employers in the occupation, provide students with appropriate occupational competencies, and meet any relevant professional or licensing standards.

Date Name Signature, Regional Consortium Chair

Porterville College Logistics Curriculum Meeting

Thursday, May 24, 2012

3:30 pm – 4:30 pm

L-405

Minutes

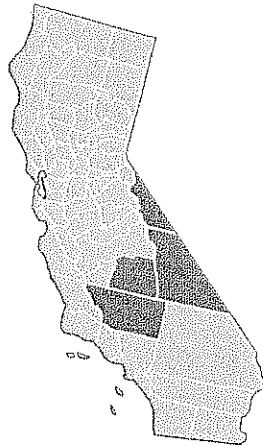
1. Meeting called to order at 3:35 pm
2. Welcome/Introductions:
 - Bruce Nicotero, General Manager, Joann fabric and craft stores, Visalia Distribution Center.
 - Jefferson Hammann, General Transportation Manager, Walmart Distribution Center, Porterville
 - Bill Henry, Vice President of Academic Affairs, Porterville College
 - Craig Britton, Agriculture Professor, Porterville College
 - Kailani Knutson, Associate Professor of Business, Porterville College
3. Logistics Certificate/Degree:
 - All in favor of Porterville College developing and implementing a Logistics Certificate of Achievement that includes an Internship course requirement. Additionally, simulations and hands-on scenarios will be implemented into the curriculum.
4. Courses:
 - Prerequisites for the courses will include Level two English, Business Math, and will run consecutively for two semesters.
5. Industry input:
 - The industry partners present approve a Logistics Certificate of Achievement.
6. Meeting adjourned at 4:45 pm

Porterville College

100 E. College Avenue
Porterville, California 93257
559.791.2459

Occupation Report

Four County



Report Info

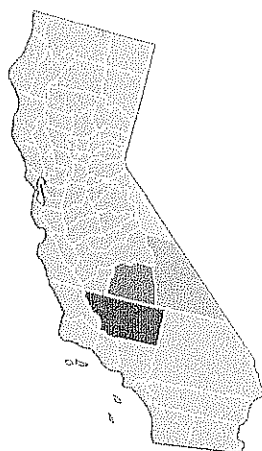
Dataset Version	2014.2 Class of Worker
Class of Worker Categories	QCEW Employees
Timeframe	2011 - 2015
Region Name	Four County
Region Description	Includes Inyo, Mono, Kern, and Tulare Counties.
Counties	

Inyo, CA (6027)	Kern, CA (6029)	Mono, CA (6051)
Tulare, CA (6107)		

Occupation Group

Transportation, Storage, and Distribution Managers (11-3071)
Logisticians (13-1081)

Job Distribution



Overview

Annual Openings Estimate (2014)	40
Related Completions (2010)	658
Current Job Postings	N/A for Multiple Codes

Gender

Male	69%	
Female	31%	

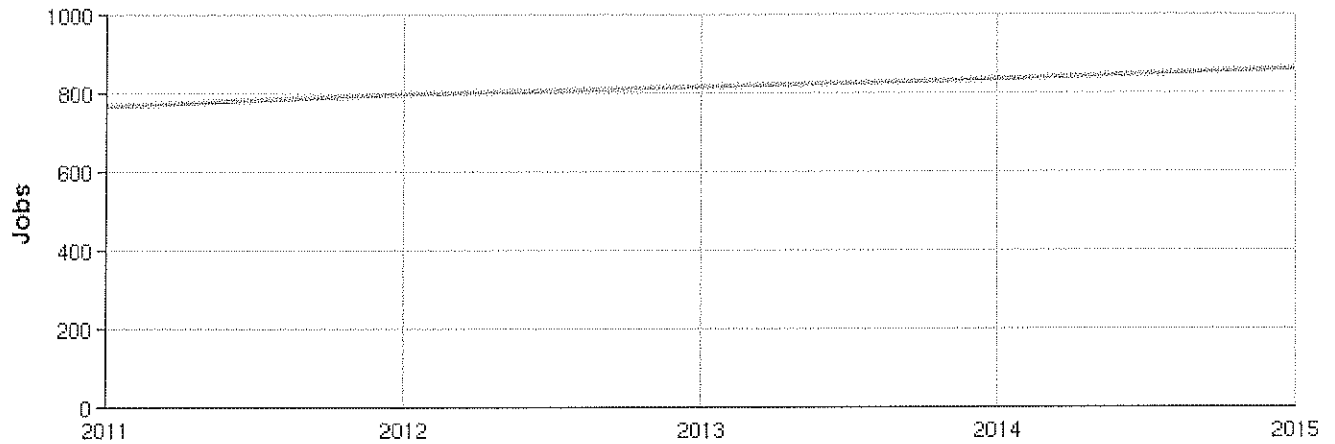
Age

14-18	0%	
19-24	6%	
25-44	48%	
45-64	43%	
65+	3%	

835 Jobs (2014) National Location Quotient: 1.06	12.3% % Change (2011-2015) Nation: 9.3%	\$38.29/hr Median Earnings Nation: \$36.89/hr
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Four County | Growth

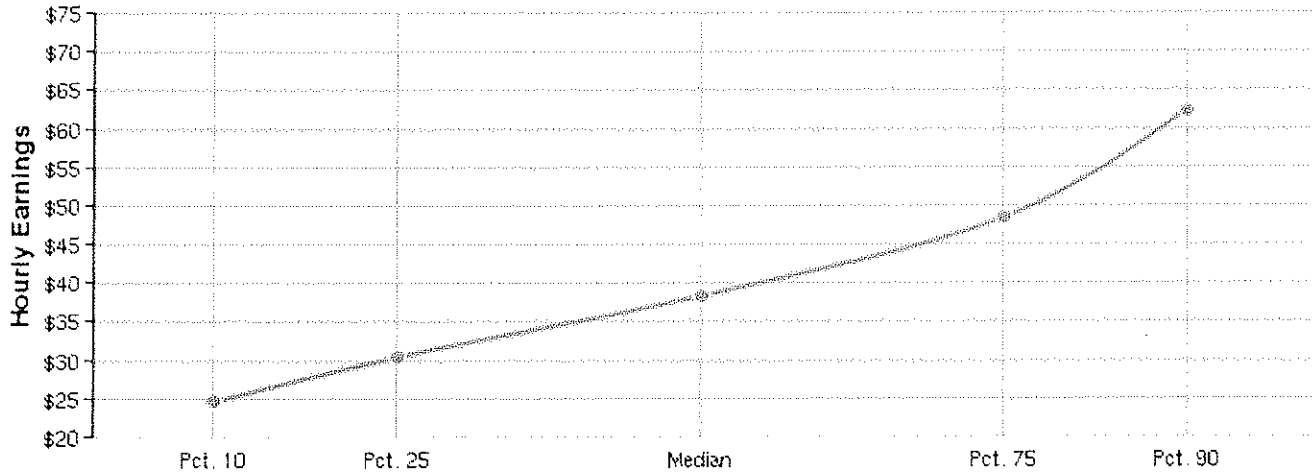
767 2011 Jobs	861 2015 Jobs	94 Change (2011-2015)	12.3% % Change (2011-2015)
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Occupation	2011 Jobs	2015 Jobs	Change	% Change
Transportation, Storage, and Distribution Managers (11-3071)	314	357	43	14%
Logisticians (13-1081)	453	505	52	11%

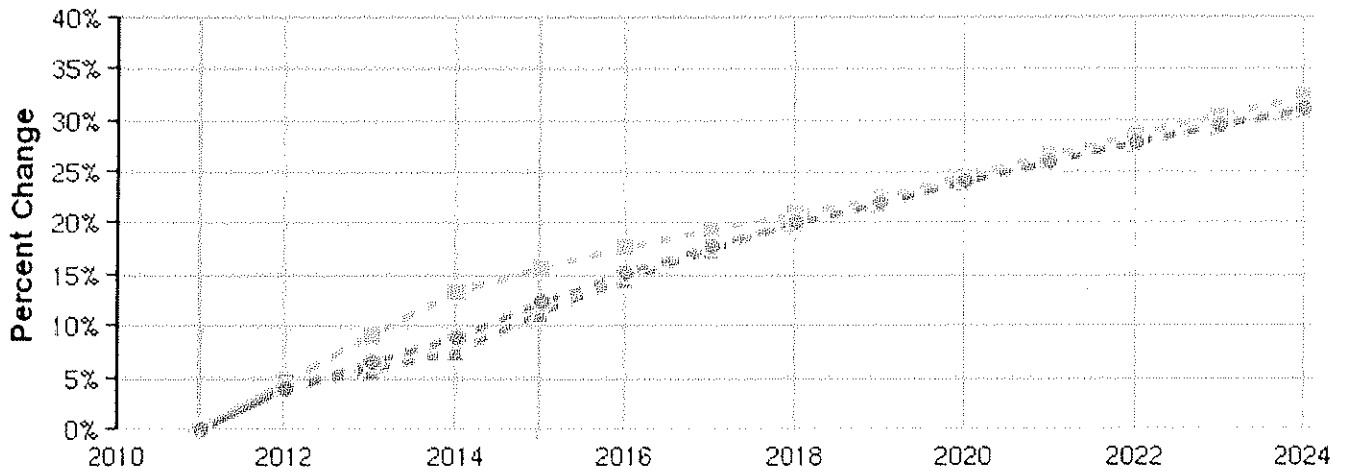
Four County | Percentile Earnings

\$24.64/hr 10th Percentile Earnings	\$38.29/hr Median Earnings	\$62.32/hr 90th Percentile Earnings
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Occupation	10th Percentile Earnings	Median Earnings	90th Percentile Earnings
Transportation, Storage, and Distribution Managers (11-3071)	\$25.16	\$36.51	\$73.32
Logisticians (13-1081)	\$24.28	\$39.51	\$54.84

Regional Trends



	Region	2011 Jobs	2015 Jobs	% Change
•	Four County	767	861	12.3%
•	Tulare County	191	221	15.7%
•	Kern County	567	632	11.3%

Educational programs

3 Programs (2010)	658 Completions (2010)
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Program	2008	2009	2010	2011	2012
Business Administration and Management, General (52.0201)	565	551	521	435	469
Business/Commerce, General (52.0101)	92	82	94	54	62
Public Administration (44.0401)	37	27	43	67	51

Inverse Staffing Patterns

Industry	Occupation Group Jobs in Industry (2014)	% of Occupation Group in Industry (2014)	% of Total Jobs in Industry (2014)
Federal Government, Civilian, Excluding Postal Service (901199)	184	22.0%	1.8%
General Warehousing and Storage (493110)	58	7.0%	1.6%
Corporate, Subsidiary, and Regional Managing Offices (551114)	53	6.3%	1.3%
Crop Production (111000)	26	3.1%	0.1%
Specialized Freight (except Used Goods) Trucking, Local (484220)	24	2.8%	0.9%

Data Sources and Calculations

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Industry Data

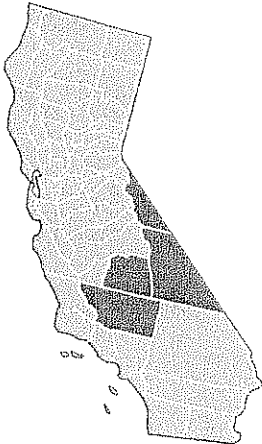
EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Porterville College

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Program Report

Four County



Report Info

Dataset Version	2014.2 Class of Worker
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Logistics, Materials, and Supply Chain Management

CIP 2010: A program that prepares individuals to manage and coordinate all logistical functions in an enterprise, ranging from acquisitions to receiving and handling, through internal allocation of resources to operations units, to the handling and delivery of output. Includes instruction in acquisitions and purchasing, inventory control, storage and handling, just-in-time manufacturing, logistics planning, shipping and delivery management, transportation, quality control, resource estimation and allocation, and budgeting.



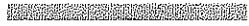
Target Occupations

Transportation, Storage, and Distribution Managers (11-3071)

Logisticians (13-1081)

Target Occupation Performance

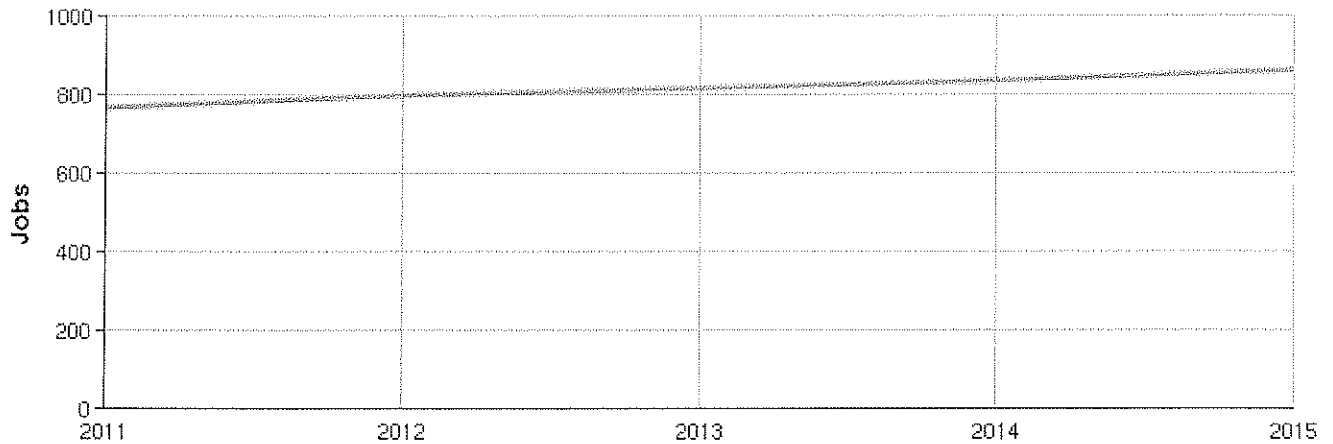
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Regional Openings (2011)	44	
Regional Program Completions (2010)	0	
All Regional Completions for Target Occupations (2010)	658	

Target Occupations	Regional Openings (2011)	Median Hourly Earnings	Growth (2011-2015)
Transportation, Storage, and Distribution Managers (11-3071)	17	\$36.51	13.7%
Logisticians (13-1081)	27	\$39.51	11.3%

Four County | Growth for Target Occupations

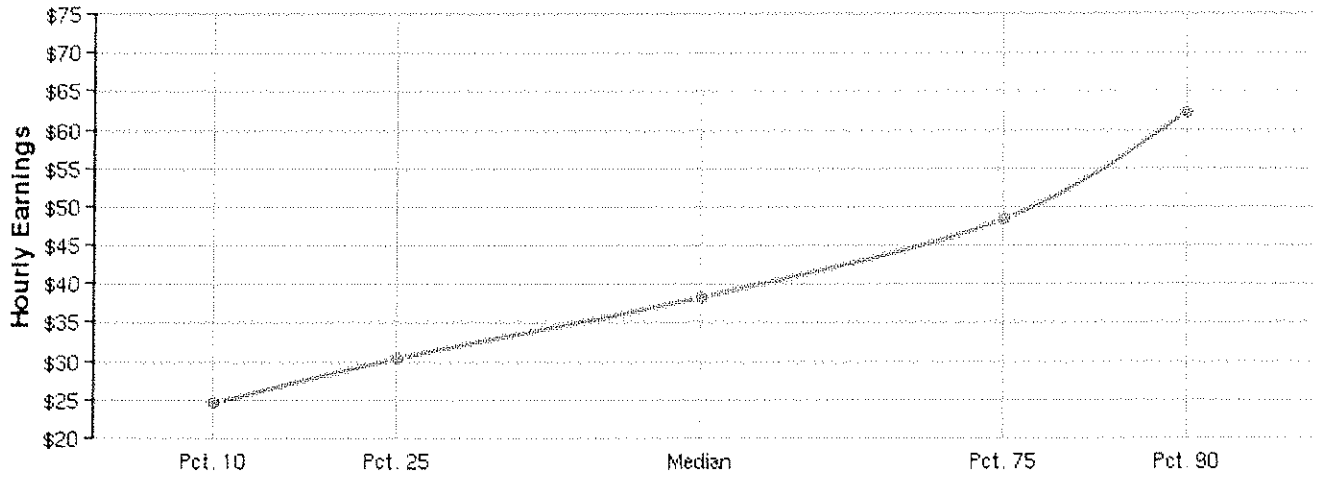
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Four County | Percentile Earnings for Target Occupations

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Training Providers

No training providers were found in the region.

Job Postings by Occupation

Occupation	Job Postings*
Transportation, Storage, and Distribution Managers	<u>27</u>
Logisticians	<u>4</u>

* The maximum radius of your region is greater than the maximum job posting search radius provided by [indeed.com](https://www.indeed.com). As such, the maximum available radius of 100 miles has been used, but does not necessarily represent the full range of possible job postings for your selected region.

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