

Logistics Supply Chain Management Education Report

CIP 52.0203

Cochise, Pima, SC

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. * *Program Description - Settings*

Target Occupations

| 760 Jobs (2016) 3% below National average | 1.4% % Change (2017-2022) Nation: 3.6% | \$34.79/hr Median Hourly Earnings Nation: \$38.58/hr | | | |
|--------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------|---------------------------|-------------------------|-----------------------------|
| Occupation | 2017 Jobs | Annual Openings | Median Hourly Earnings | Growth (2017 - 2022) | Location Quotient (2017) |
| Logisticians | 496 | 7 | \$34.56/hr | -0.20% | 1.16 |
| Transportation, Storage, and Distribution Managers | 265 | 8 | \$35.21/hr | 4.53% | 0.74 |



* *Target Occupations - Settings*

| Occupational Programs | | | | | | |
|-----------------------|------------------------------------------------------|-----------------------|--------------------|--------|--------|--------|
| 5.00 | 636.00 | | 36.00 | | | |
| Programs (2015) | Completions (2015) | | Openings (2015) | | | |
| CIP Code | Program | Completions (2011) | (2012) | (2013) | (2014) | (2015) |
| 52.0101 | Business/Commerce, General | 239 | 430 | 241 | 209 | 229 |
| 52.0201 | Business Administration and Management, General | 694 | 545 | 526 | 327 | 225 |
| 44.0401 | Public Administration | 99 | 150 | 182 | 165 | 151 |
| 52.0205 | Operations Management and Supervision | 39 | 58 | 35 | 38 | 23 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | 43 | 94 | 26 | 12 | 8 |

| Programs by Institution | | | | |
|--------------------------------|-------------------------------------------------|-----------------------------------------------|----------------------------------------------------|---------------------------|
| CIP Code | Title | Institution | Award Level | Completions (2015) |
| 44.0401 | Public Administration | University of Arizona | Bachelors degree | 100 |
| 44.0401 | Public Administration | University of Phoenix-Southern Arizona Campus | Bachelors degree | 0 |
| 44.0401 | Public Administration | University of Arizona | Postbaccalaureate certificate | 8 |
| 44.0401 | Public Administration | University of Arizona | Masters degree | 43 |
| 52.0101 | Business/Commerce, General | Brookline College-Tucson | Award of less than 1 academic year | 0 |
| 52.0101 | Business/Commerce, General | Cochise County Community College District | Award of less than 1 academic year | 0 |
| 52.0101 | Business/Commerce, General | Cochise County Community College District | Award of at least 1 but less than 2 academic years | 0 |
| 52.0101 | Business/Commerce, General | University of Phoenix-Southern Arizona Campus | Award of at least 1 but less than 2 academic years | 0 |
| 52.0101 | Business/Commerce, General | Pima Community College | Associates degree | 188 |
| 52.0101 | Business/Commerce, General | Brown Mackie College-Tucson | Associates degree | 23 |
| 52.0101 | Business/Commerce, General | Brookline College-Tucson | Associates degree | 0 |
| 52.0101 | Business/Commerce, General | Cochise County Community College District | Associates degree | 0 |
| 52.0101 | Business/Commerce, General | University of Arizona-South | Bachelors degree | 18 |
| 52.0101 | Business/Commerce, General | University of Arizona | Bachelors degree | 0 |
| 52.0201 | Business Administration and Management, General | Pima Community College | Award of less than 1 academic year | 12 |
| 52.0201 | Business Administration and Management, General | Brookline College-Tucson | Award of less than 1 academic year | 5 |
| 52.0201 | Business Administration and Management, General | University of Phoenix-Southern Arizona Campus | Award of less than 1 academic year | 0 |
| 52.0201 | Business Administration and Management, General | Cochise County Community College District | Award of less than 1 academic year | 0 |
| 52.0201 | Business Administration and Management, General | Pima Community College | Award of at least 1 but less than 2 academic years | 6 |
| 52.0201 | Business Administration and Management, General | Tohono O'Odham Community College | Award of at least 1 but less than 2 academic years | 0 |
| 52.0201 | Business Administration and Management, General | Cochise County Community College District | Associates degree | 29 |
| 52.0201 | Business Administration and Management, General | Brookline College-Tucson | Associates degree | 11 |
| 52.0201 | Business Administration and Management, General | University of Phoenix-Southern Arizona Campus | Associates degree | 0 |
| 52.0201 | Business Administration and Management, General | Tohono O'Odham Community College | Associates degree | 0 |
| 52.0201 | Business Administration and Management, General | Pima Community College | Associates degree | 0 |

| | | | | |
|---------|---------------------------------------------------|-----------------------------------------------|----------------------------------------------------|-----|
| 52.0201 | Business Administration and Management, General | Brown Mackie College-Tucson | Associates degree | 0 |
| 52.0201 | Business Administration and Management, General | Brown Mackie College-Tucson | Bachelors degree | 6 |
| 52.0201 | Business Administration and Management, General | University of Phoenix-Southern Arizona Campus | Bachelors degree | 0 |
| 52.0201 | Business Administration and Management, General | ITT Technical Institute-Tucson | Bachelors degree | 0 |
| 52.0201 | Business Administration and Management, General | University of Arizona | Masters degree | 137 |
| 52.0201 | Business Administration and Management, General | University of Phoenix-Southern Arizona Campus | Masters degree | 0 |
| 52.0201 | Business Administration and Management, General | University of Arizona | Doctors degree | 19 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Cochise County Community College District | Award of less than 1 academic year | 1 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Pima Community College | Award of less than 1 academic year | 1 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Pima Community College | Award of at least 1 but less than 2 academic years | 0 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Cochise County Community College District | Award of at least 1 but less than 2 academic years | 0 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Pima Community College | Associates degree | 4 |
| 52.0203 | Logistics, Materials, and Supply Chain Management | Cochise County Community College District | Associates degree | 2 |
| 52.0205 | Operations Management and Supervision | University of Arizona | Bachelors degree | 23 |
| 52.0205 | Operations Management and Supervision | University of Phoenix-Southern Arizona Campus | Bachelors degree | 0 |

Regional Completions by Award Level

| Award Level | Completions (2015) | Percent |
|----------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|
| ● Award of less than 1 academic year | 2 | 25.0%  |
| ● Associates degree | 6 | 75.0%  |
| Award of at least 1 but less than 2 academic years | 0 | 0.0% |
| Award of at least 2 but less than 4 academic years | 0 | 0.0% |
| Bachelors degree | 0 | 0.0% |
| Postbaccalaureate certificate | 0 | 0.0% |
| Masters degree | 0 | 0.0% |
| Post-masters certificate | 0 | 0.0% |
| Doctors degree | 0 | 0.0% |

* Regional Completions by Award Level - Settings

Regional Completions by Institution

| Institution | Certificates (2015) | Degrees (2015) | Total Completions (2015) |
|-------------------------------------------|------------------------|-------------------|--------------------------------|
| Pima Community College | 1 | 4 | 5 |
| Cochise County Community College District | 1 | 2 | 3 |

* *Regional Completions by Institution - Settings*

Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

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.

State Data Sources

This report uses state data from the following agencies: Arizona Department of Administration, Office of Employment and Population Statistics