

Business Administration/Business Management Education Report

CIP 52.0201 Cochise, Pima, SC

Business Administration and Management, General

CIP 2010: A program that generally prepares individuals to plan, organize, direct, and control the functions and processes of a firm or organization. Includes instruction in management theory, human resources management and behavior, accounting and other quantitative methods, purchasing and logistics, organization and production, marketing, and business decision-making.

Target Occupations

	18,523 Jobs (2016) 3% below National average	4.0% % Change (2017-2022) Nation: 4.4%		\$31.43/hr Median Hourly Earnings Nation: \$42.13/hr	
Occupation	2017 Jobs	Annual Openings	Median Hourly Earnings	Growth (2017 - 2022)	Location Quotient (2017)
General and Operations Managers	6,180	222	\$33.99/hr	4.94%	0.89
Managers, All Other	2,820	86	\$31.64/hr	3.97%	1.22
Management Analysts	2,033	45	\$29.97/hr	3.64%	0.80
First-Line Supervisors of Personal Service Workers	1,356	38	\$13.89/hr	3.98%	2.01
Sales Managers	1,181	36	\$41.37/hr	2.96%	0.99
Administrative Services Managers	882	27	\$35.77/hr	5.90%	1.00
Construction Managers	864	14	\$27.28/hr	-4.63%	0.78
Chief Executives	705	14	\$51.49/hr	1.42%	0.77
First-Line Supervisors of Housekeeping and Janitorial Workers	679	18	\$13.97/hr	4.71%	1.03
Cost Estimators	639	24	\$26.67/hr	3.13%	0.89
Social and Community Service Managers	617	34	\$25.61/hr	12.80%	1.30
Industrial Production Managers	332	10	\$42.50/hr	-1.81%	0.64
Transportation, Storage, and Distribution Managers	265	8	\$35.21/hr	4.53%	0.74
Gaming Supervisors	88	4	\$17.77/hr	5.68%	1.12

* Target Occupations - Settings

Occupational Programs						
27.00	1,261.00	896.00				
Programs (2015)	Completions (2015)	Openings (2015)				
CIP Code	Program	Completions (2011)	Completions (2012)	Completions (2013)	Completions (2014)	Completions (2015)
52.0101	Business/Commerce, General	239	430	241	209	229
52.0201	Business Administration and Management, General	694	545	526	327	225
52.1401	Marketing/Marketing Management, General	206	213	222	203	197
44.0401	Public Administration	99	150	182	165	151
14.1901	Mechanical Engineering	94	99	89	98	112
52.0212	Retail Management	131	110	107	82	104
51.0711	Medical/Health Management and Clinical Assistant/Specialist	52	94	67	0	64
52.0701	Entrepreneurship/Entrepreneurial Studies	62	50	61	58	48
46.0401	Building/Property Maintenance	921	908	612	168	31
45.0999	International Relations and National Security Studies, Other	0	0	9	32	28
52.0205	Operations Management and Supervision	39	58	35	38	23
52.0299	Business Administration, Management and Operations, Other	10	0	0	0	17
52.0211	Project Management	0	0	0	9	12
46.0000	Construction Trades, General	27	38	34	28	8
52.0203	Logistics, Materials, and Supply Chain Management	43	94	26	12	8
51.0719	Clinical Research Coordinator	0	0	0	3	3
45.0203	Medical Anthropology	1	1	0	0	1
52.9999	Business, Management, Marketing, and Related Support Services, Other	0	0	0	0	0
52.2001	Construction Management	6	2	1	0	0
52.1101	International Business/Trade/Commerce	3	4	3	0	0
52.0903	Tourism and Travel Services Management	0	0	0	1	0
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management	0	0	0	0	0
44.0000	Human Services, General	36	35	26	0	0
44.9999	Public Administration and Social Service Professions, Other	0	0	0	0	0
14.3601	Manufacturing Engineering	1	1	2	0	0
15.1001	Construction Engineering Technology/Technician	1	0	0	0	0
52.0206	Non-Profit/Public/Organizational Management	0	0	0	0	0

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Programs by Institution				
CIP Code	Title	Institution	Award Level	Completions (2015)
14.1901	Mechanical Engineering	University of Arizona	Bachelors degree	88
14.1901	Mechanical Engineering	University of Arizona	Masters degree	13
14.1901	Mechanical Engineering	University of Arizona	Doctors degree	11
14.3601	Manufacturing Engineering	Cochise County Community College District	Associates degree	0
15.1001	Construction Engineering Technology/Technician	Pima Community College	Associates degree	0
44.0000	Human Services, General	Tohono O'Odham Community College	Award of at least 1 but less than 2 academic years	0
44.0000	Human Services, General	Cochise County Community College District	Associates degree	0
44.0000	Human Services, General	Tohono O'Odham Community College	Associates degree	0
44.0000	Human Services, General	University of Phoenix-Southern Arizona Campus	Bachelors degree	0
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
44.9999	Public Administration and Social Service Professions, Other	Pima Community College	Associates degree	0
44.9999	Public Administration and Social Service Professions, Other	University of Phoenix-Southern Arizona Campus	Bachelors degree	0
45.0203	Medical Anthropology	University of Arizona	Postbaccalaureate certificate	1
45.0999	International Relations and National Security Studies, Other	University of Arizona	Masters degree	28
46.0000	Construction Trades, General	Cochise County Community College District	Award of less than 1 academic year	8
46.0000	Construction Trades, General	Tohono O'Odham Community College	Award of less than 1 academic year	0
46.0401	Building/Property Maintenance	Pima Community College	Award of less than 1 academic year	9
46.0401	Building/Property Maintenance	Cochise County Community College District	Award of less than 1 academic year	0
46.0401	Building/Property Maintenance	Pima Community College	Award of at least 1 but less than 2 academic years	8







46.0401	Building/Property Maintenance	Cochise County Community College District	Award of at least 1 but less than 2 academic years	0
46.0401	Building/Property Maintenance	Pima Community College	Associates degree	14
46.0401	Building/Property Maintenance	Tohono O'Odham Community College	Award of at least 2 but less than 4 academic years	0
51.0711	Medical/Health Management and Clinical Assistant/Specialist	Pima Community College	Award of less than 1 academic year	64
51.0711	Medical/Health Management and Clinical Assistant/Specialist	Pima Community College	Award of at least 1 but less than 2 academic years	0
51.0719	Clinical Research Coordinator	Pima Community College	Associates degree	3
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	University of Phoenix-Southern Arizona Campus	Award of at least 1 but less than 2 academic years	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	Pima Community College	Associates degree	188
52.0101	Business/Commerce, General	Brown Mackie College-Tucson	Associates degree	23
52.0101	Business/Commerce, General	Cochise County Community College District	Associates degree	0
52.0101	Business/Commerce, General	Brookline College-Tucson	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	Cochise County Community College District	Award of less than 1 academic year	0
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	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	Pima Community College	Associates degree	0
52.0201	Business Administration and Management, General	University of Phoenix-Southern Arizona Campus	Associates degree	0
52.0201	Business Administration and Management, General	Brown Mackie College-Tucson	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	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
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management	University of Phoenix-Southern Arizona Campus	Award of less than 1 academic year	0
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	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 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
52.0206	Non-Profit/Public/Organizational Management	University of Phoenix-Southern Arizona Campus	Masters degree	0

52.0211	Project Management	ITT Technical Institute-Tucson	Bachelors degree	12
52.0212	Retail Management	Pima Community College	Award of at least 1 but less than 2 academic years	1
52.0212	Retail Management	University of Arizona	Bachelors degree	103
52.0299	Business Administration, Management and Operations, Other	Pima Community College	Award of less than 1 academic year	17
52.0299	Business Administration, Management and Operations, Other	Pima Community College	Award of at least 1 but less than 2 academic years	0
52.0299	Business Administration, Management and Operations, Other	Brookline College-Tucson	Associates degree	0
52.0701	Entrepreneurship/Entrepreneurial Studies	University of Arizona	Bachelors degree	48
52.0701	Entrepreneurship/Entrepreneurial Studies	University of Phoenix-Southern Arizona Campus	Bachelors degree	0
52.0701	Entrepreneurship/Entrepreneurial Studies	University of Phoenix-Southern Arizona Campus	Masters degree	0
52.0903	Tourism and Travel Services Management	Pima Community College	Award of less than 1 academic year	0
52.0903	Tourism and Travel Services Management	Pima Community College	Associates degree	0
52.1101	International Business/Trade/Commerce	Cochise County Community College District	Award of less than 1 academic year	0
52.1101	International Business/Trade/Commerce	Pima Community College	Award of less than 1 academic year	0
52.1101	International Business/Trade/Commerce	Cochise County Community College District	Award of at least 1 but less than 2 academic years	0
52.1101	International Business/Trade/Commerce	Pima Community College	Associates degree	0
52.1101	International Business/Trade/Commerce	University of Arizona	Postbaccalaureate certificate	0
52.1101	International Business/Trade/Commerce	University of Phoenix-Southern Arizona Campus	Masters degree	0
52.1401	Marketing/Marketing Management, General	University of Arizona	Bachelors degree	197
52.1401	Marketing/Marketing Management, General	University of Phoenix-Southern Arizona Campus	Bachelors degree	0
52.1401	Marketing/Marketing Management, General	University of Phoenix-Southern Arizona Campus	Masters degree	0
52.2001	Construction Management	ITT Technical Institute-Tucson	Bachelors degree	0
52.9999	Business, Management, Marketing, and Related Support Services, Other	Pima Community College	Award of less than 1 academic year	0

52.9999	Business, Management, Marketing, and Related Support Services, Other	University of Phoenix-Southern Arizona Campus	Award of less than 1 academic year	0
52.9999	Business, Management, Marketing, and Related Support Services, Other	Brookline College-Tucson	Bachelors degree	0

Regional Completions by Award Level

Award Level	Completions (2015)	Percent
Award of less than 1 academic year	17	7.6% 
Award of at least 1 but less than 2 academic years	6	2.7% 
Associates degree	40	17.8% 
Bachelors degree	6	2.7% 
Masters degree	137	60.9% 
Doctors degree	19	8.4% 
Award of at least 2 but less than 4 academic years	0	0.0%
Postbaccalaureate certificate	0	0.0%
Post-masters certificate	0	0.0%

* Regional Completions by Award Level - Settings

Regional Completions by Institution

Institution	Certificates (2015)	Degrees (2015)	Total Completions (2015)
University of Arizona	0	156	156
Cochise County Community College District	0	29	29
Pima Community College	18	0	18
Brookline College-Tucson	5	11	16
Brown Mackie College-Tucson	0	6	6
ITT Technical Institute-Tucson	0	0	0
University of Phoenix-Southern Arizona Campus	0	0	0
Tohono O'Odham Community College	0	0	0

* Regional Completions by Institution - Settings

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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