

Occupational Profile: Construction Managers

GENERAL OCCUPATION DESCRIPTION

Plan, direct, coordinate, or budget, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, and implementation.

Source: O*NET online. <http://online.onetcenter.org>

REQUIRED EDUCATION

As shown in the table to right, over 74% of interviewed employers reportedly require a two-year degree or the equivalent.

Required Education	
Percent of Employers Requiring HS Diploma or Less	4.81%
Percent of Employers Requiring 2-Year Degree or Equiv	73.62%
Percent of Employers Requiring BS Diploma or More	21.57%

Source: Bureau of Labor Statistics

WAGES

Construction Manager is considered a low to high-wage occupation, with excellent possibility for wage advancement with experience. Employers in Greater Phoenix and the State of Arizona generally pay comparably as compared with the overall United States.

Location	Pay Period	2005				
		10%	25%	Median	75%	90%
United States	Hourly	\$20.63	\$26.45	\$34.74	\$46.30	\$65.70
	Yearly	\$42,900	\$55,000	\$72,300	\$96,300	\$136,700
Greater Phoenix	Hourly	\$23.24	\$27.93	\$34.52	\$44.06	\$60.13
	Yearly	\$48,362	\$58,122	\$71,836	\$91,689	\$125,131
Arizona	Hourly	\$20.97	\$25.67	\$32.40	\$43.07	\$64.39
	Yearly	\$43,600	\$53,400	\$67,400	\$89,600	\$133,900

Source: Bureau of Labor Statistics

As shown in the table to right, a national comparison of wages for this occupation reveals Arizona ranks 29th in terms of median wages.

RANK	Location	Median Wage 2005	
		Hourly	Annual
1	New Jersey	\$47.06	\$97,900
2	New York	\$46.96	\$97,700
3	Washington	\$45.14	\$93,900
4	Massachusetts	\$41.62	\$86,600
5	California	\$41.29	\$85,900
29	ARIZONA	\$32.40	\$67,400

Source: Bureau of Labor Statistics

The table below provides a comparison of wages by sub-industry for the Greater Phoenix region (2005). As shown, the main employment sector, "Specialty Trade Contractors" pays comparably to the other main employment sector "Construction of Buildings," but less than "Heavy and Civil Engineering Construction."

Wages by Industry: Greater Phoenix MSA (2005)	Rounded Employment	Mean Wage	10th Percentile Wage	25th Percentile Wage	Median Wage	75th Percentile Wage	90th Percentile Wage
Specialty Trade Contractors	1,130	\$36.78	\$21.87	\$25.56	\$31.34	\$41.16	\$61.16
Construction of Buildings	990	\$35.93	\$22.72	\$26.67	\$31.63	\$38.57	\$56.03
Heavy and Civil Engineering Construction	510	\$41.58	\$25.14	\$31.56	\$40.60	\$52.46	\$63.19

EMPLOYMENT

As shown in the table below, this occupation has a projected 30% growth rate over 10 years (between 2003 and 2013) for the Greater Phoenix region. There are an average projected 213 job openings each year, comprised of 136 new jobs and 77 positions vacated by individuals leaving the field (due to retirement, death, career changes, or other reasons).

	10-YEAR CHANGE		Percent Change	AVERAGE ANNUAL		
	Employment	Employment		Job Openings	Growth	Separations
United States	2004	2014				
Construction managers	430,600	475,300	10%	12,270	n/a	n/a
Arizona	2004	2014				
Construction managers	8,620	12,100	40%	500	n/a	n/a
Greater Phoenix	2003	2013				
Construction managers	4,245	5,602	30%	213	136	77

Source: Bureau of Labor Statistics

*Job Openings refers to the average annual job openings due to growth and net replacement.

Source: Bureau of Labor Statistics

**N/A is displayed in cases where data is not available or cannot be published because of federal data privacy standards.

An additional source of information regarding this occupation can be provided by analysis of employer survey data collected for the Maricopa County Community Colleges by the ERISS Corporation in 2004. As shown, the ERISS survey data shows a projected 1-year growth rate of 9%, which is higher than the average of 3% per year reflected by the BLS data above.

Additionally, the ERISS data provides an indicator of yearly turnover for this occupation, which is reported to be low at 5%.

ERISS Occupational Survey Data (2004)			
Greater Phoenix	Growth	Turnover	Demand
Construction Managers	9%	5%	14%

Comparison of employment projections for top five regions for Construction Manager

As shown in the table to right, a national comparison reveals the State of Arizona ranks 2nd in terms of projected 10-year growth for this occupation (40%).

RANK	Location	Employment		Percent
		2004	2014	Change
1	Nevada	4,620	6,570	42%
2	ARIZONA	8,620	12,100	40%
2	Wyoming	1,040	1,450	40%
3	Utah	5,380	7,210	34%
4	South Carolina	7,260	9,050	25%
5	Colorado	9,690	12,010	24%

Source: Bureau of Labor Statistics

Employment by Industry

The table below shows the industries that most commonly employ Construction Manager, and the proportion of employment accounted for at the national level. As shown, most Construction Managers are self employed. The industry that most commonly employs this occupation is "Nonresidential building construction" (9.6%).

Percent of Employment Nationally by Industry	
Percent	Industry
53.9%	Self-employed workers, primary job
9.6%	Nonresidential building construction
8%	Residential building construction
2.7%	Plumbing, heating, and air-conditioning contractors
2.7%	Electrical contractors
2.2%	Self-employed workers, primary job
2.1%	Other specialty trade contractors

Source: Bureau of Labor Statistics

