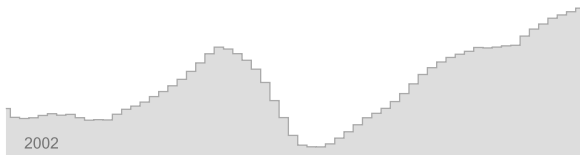


Key Sector Snapshot: Manufacturing

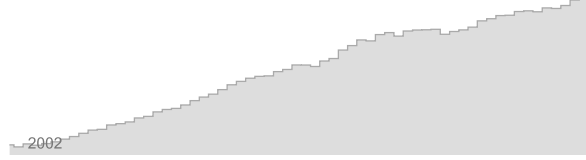
EMPLOYMENT



18,186

Regional employment / **13,147,370** in the nation

WAGES



\$65,089

Avg Wages per Worker / **\$69,449** in the nation

2.2% ↑

Avg Ann % Change Last 10 Years / **+0.5%** in the U.S.



9.9% ↑

% of Total Employment / **8.3%** in the U.S.

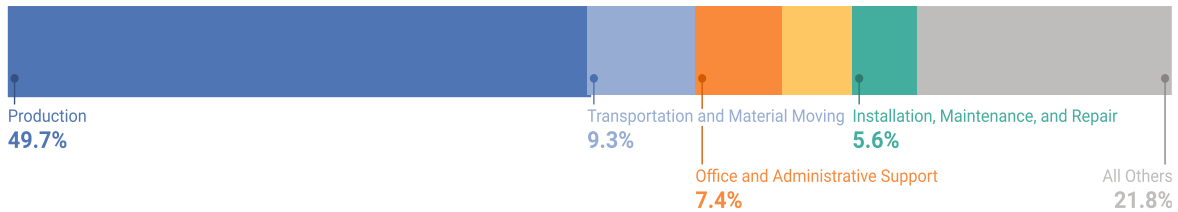


2.7% ↑

Avg Ann % Change Last 10 Years / **+2.6%** in the U.S.



TOP OCCUPATION GROUPS



TOP INDUSTRIES

Avg Ann % Change in Employment, Last 10 Years

3.5% ↑



Food Manufacturing

3.2% ↑



Wood Product Manufacturing

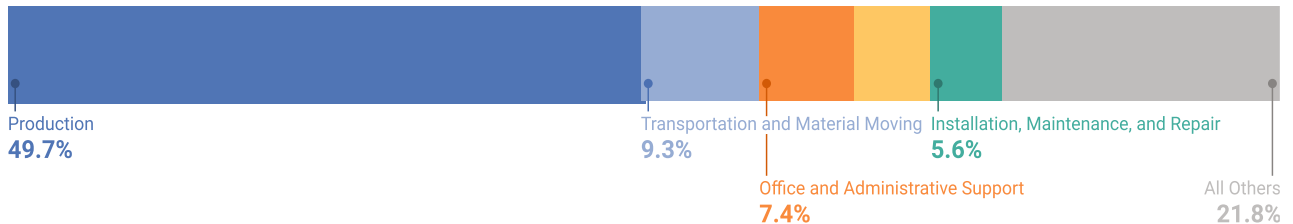
2.6% ↑



Petroleum and Coal Products Manufacturing

Source: JobsEQ®, <http://www.chmuraecon.com/jobseq>
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Staffing Pattern



6-digit Occupation	Employment	Avg Annual Wages	Annual Demand
Team Assemblers	885	\$38,400	80
First-Line Supervisors of Production and Operating Workers	761	\$69,800	73
Laborers and Freight, Stock, and Material Movers, Hand	544	\$34,500	74
Machinists	490	\$47,900	52
Packaging and Filling Machine Operators and Tenders	470	\$33,400	54
Meat, Poultry, and Fish Cutters and Trimmers	447	\$31,500	51
Petroleum Pump System Operators, Refinery Operators, and Gaugers	433	\$58,700	40
Inspectors, Testers, Sorters, Samplers, and Weighers	416	\$46,100	39
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	360	\$35,700	40
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	345	\$73,500	35
Remaining Component Occupations	13,009	\$58,800	1,312
Total	18,186		

Source: JobsEQ®, <http://www.chmuraecon.com/jobseq>
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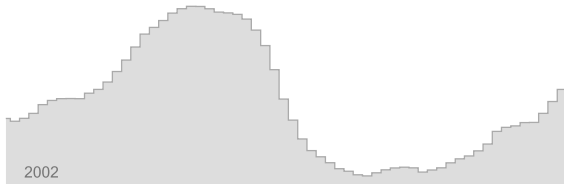
POSTSECONDARY PROGRAMS LINKED TO MANUFACTURING

Program	Awards
Bellingham Technical College	
Engineering Technology, General	72
Instrumentation Technology/Technician	22
Mechanical Drafting and Mechanical Drafting CAD/CADD	10
Welding Technology/Welder	63
Skagit Valley College	
Food Science	26
Manufacturing Engineering Technology/Technician	7
Welding Technology/Welder	55
Western Washington University	
Chemistry, General	42
Operations Management and Supervision	73
Whatcom Community College	
Prepress/Desktop Publishing and Digital Imaging Design	20

Source: JobsEQ®

Key Sector Snapshot: Construction

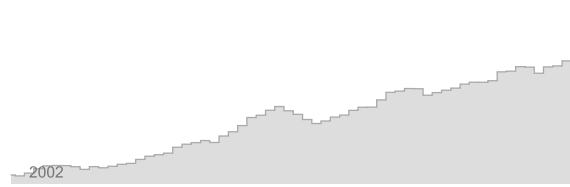
EMPLOYMENT



15,709

Regional employment / **9,135,425** in the nation

WAGES

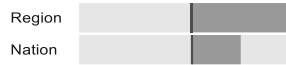


\$64,851

Avg Wages per Worker / **\$59,168** in the nation

2.2% ↑

Avg Ann % Change
Last 10 Years / **+1.1%**
in the U.S.



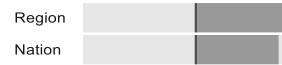
8.6%

% of Total Employment
/ **5.7%** in the U.S.



3.3% ↑

Avg Ann % Change
Last 10 Years / **+2.8%**
in the U.S.



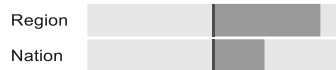
TOP OCCUPATION GROUPS



TOP INDUSTRIES

Avg Ann % Change in Employment, Last 10 Years

2.3% ↑



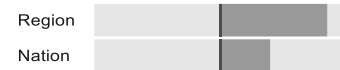
Specialty Trade Contractors

1.6% ↑



Construction of Buildings

3.0% ↑



Heavy and Civil Engineering
Construction

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STAFFING PATTERNS:



6-digit Occupation	Employment	Avg Annual Wages	Annual Demand
Construction Laborers	2,244	\$47,400	266
Carpenters	1,915	\$57,900	196
Electricians	1,177	\$60,400	151
First-line Supervisors of Construction Trades and Extraction Workers	1,053	\$80,600	118
Construction Managers	809	\$96,200	67
Painters, Construction and Maintenance	656	\$41,300	61
Plumbers, Pipefitters, and Steamfitters	570	\$61,800	72
Office Clerks, General	494	\$41,700	60
Operating Engineers and Other Construction Equipment Operators	443	\$66,000	57
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	341	\$58,600	41
Remaining Component Occupations	5,981	\$59,300	682
Total	15,709		

Source: JobsEQ®, <http://www.chmuraecon.com/jobseq>
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POSTSECONDARY PROGRAMS LINKED TO CONSTRUCTION:

Program	Awards
Bellingham Technical College	
Building/Home/Construction Inspection/Inspector	28
Electrician	49
General Office Occupations and Clerical Services	55
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	13
Welding Technology/Welder	63
Skagit Valley College	
Welding Technology/Welder	55
Western Washington University	
Business Administration and Management, General	180
Operations Management and Supervision	73
Sociology	118
Whatcom Community College	
Accounting Technology/Technician and Bookkeeping	143

Source: JobsEQ®