

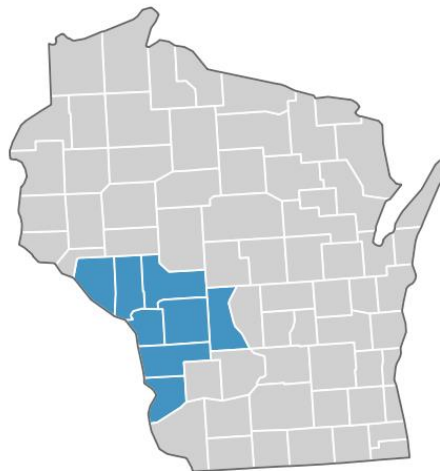
Western Technical College



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La Crosse, Wisconsin 54601
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Diesel and Heavy Equipment Program Occupation Report

Western Technical College District



Report Info

Dataset Version	2013.4 Class of Worker	
Class of Worker Categories	QCEW Employees + Non-QCEW Employees + Self-Employed	
Timeframe	2014 - 2018	
Region Name	Western Technical College District	
Region Description	Western district counties	
Counties		
Buffalo, WI (55011)	Crawford, WI (55023)	Jackson, WI (55053)
Juneau, WI (55057)	La Crosse, WI (55063)	Monroe, WI (55081)
Trempealeau, WI (55121)	Vernon, WI (55123)	








Occupation Group

Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)
Farm Equipment Mechanics and Service Technicians (49-3041)
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)
Rail Car Repairers (49-3043)

Job Distribution

Overview

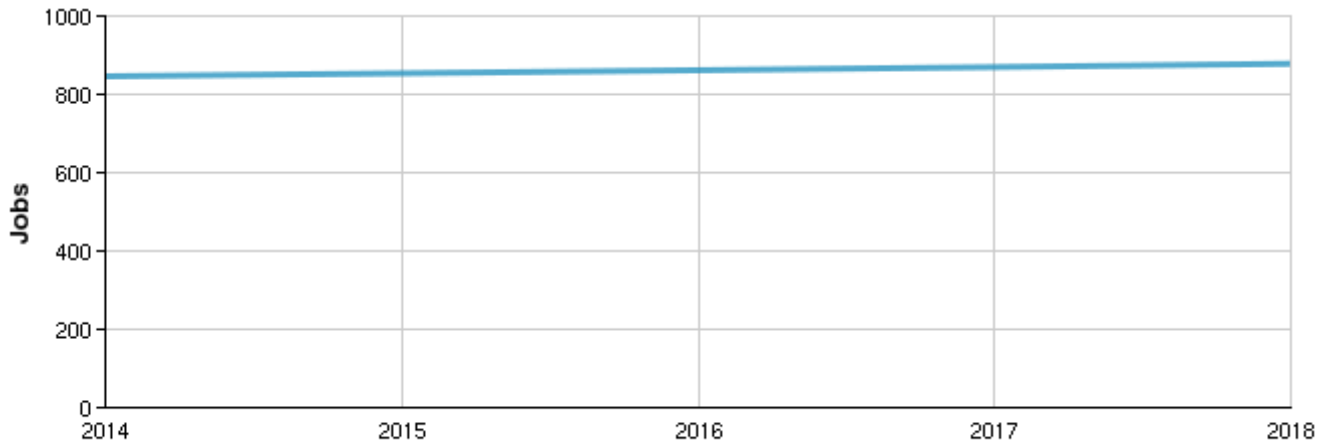
Annual Openings Estimate (2013)	35
Related Completions (2011)	19
Current Job Postings	N/A for Multiple Codes

Gender		
Male	95%	
Female	5%	
Age		
14-18	0%	
19-24	7%	
25-44	40%	
45-64	49%	
65+	4%	

838 Jobs (2013) National Location Quotient: 1.87	3.8% % Change (2014-2018) Nation: 4.1%	\$18.84/hr Median Earnings Nation: \$20.28/hr
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Western Technical College District | Growth

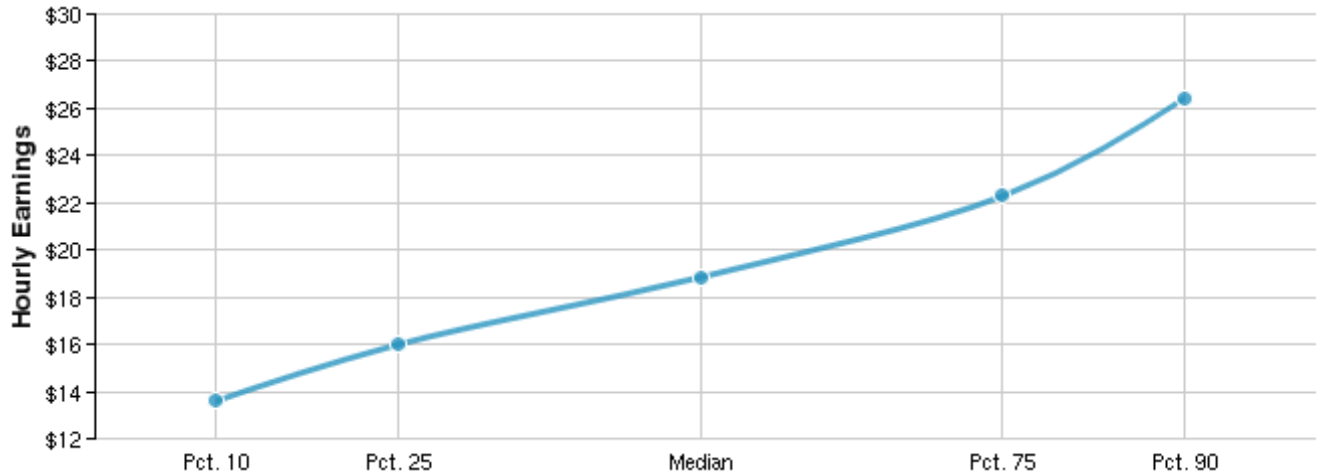
846 2014 Jobs	878 2018 Jobs	32 Change (2014-2018)	3.8% % Change (2014-2018)
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Occupation	2014 Jobs	2018 Jobs	Change	% Change
Rail Car Repairers (49-3043)	26	28	2	8%
Farm Equipment Mechanics and Service Technicians (49-3041)	199	205	6	3%
Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)	459	476	17	4%
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	162	169	7	4%

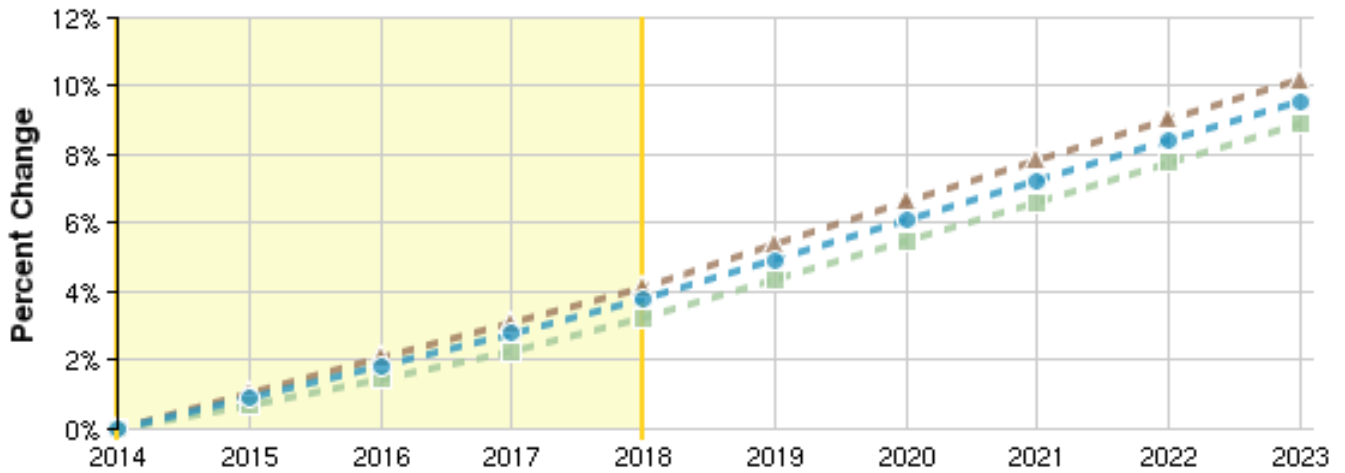
Western Technical College District | Percentile Earnings

\$13.60/hr 10th Percentile Earnings	\$18.84/hr Median Earnings	\$26.41/hr 90th Percentile Earnings
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Occupation	10th Percentile Earnings	Median Earnings	90th Percentile Earnings
Rail Car Repairers (49-3043)	\$13.02	\$21.76	\$29.20
Farm Equipment Mechanics and Service Technicians (49-3041)	\$11.93	\$18.19	\$28.18
Bus and Truck Mechanics and Diesel Engine Specialists (49-3031)	\$12.71	\$17.99	\$25.41
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	\$18.33	\$21.59	\$26.65

Regional Trends



Region	2014 Jobs	2018 Jobs	% Change
• Western Technical College District	846	878	3.8%
• State	10,533	10,875	3.2%
• Nation	437,233	455,266	4.1%

Educational programs

	2 Programs (2011)		19 Completions (2011)		
Program	2008	2009	2010	2011	2012
Heavy Equipment Maintenance Technology/Technician (47.0302)	19	18	17	19	22
Diesel Mechanics Technology/Technician (47.0605)	0	0	0	0	0

Inverse Staffing Patterns

Industry	Occupation Group Jobs in Industry (2013)	% of Occupation Group in Industry (2013)	% of Total Jobs in Industry (2013)
Farm and Garden Machinery and Equipment Merchant Wholesalers (423820)	180	21.4%	37.1%
General Freight Trucking, Long-Distance, Truckload (484121)	96	11.4%	3.5%
Local Government, Excluding Education and Hospitals (903999)	60	7.2%	0.7%
General Automotive Repair (811111)	34	4.0%	5.6%
Rail Transportation (482110)	29	3.4%	6.6%

Data Sources and Calculations

State Data Sources

This report uses state data from the following agencies: Wisconsin Department of Workforce Development, Bureau of Workforce Information

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.