

Wisconsin Works: Results from the U.S. Bureau of Labor Statistics, Occupational Employment Statistics Survey, May 2010

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Occupations in Wisconsin reflect the state's economy, according to data from the Occupational Employment Statistics (OES) Survey of the Bureau of Labor Statistics. Compared to the nation, Wisconsin has above-average employment in production, health care, transportation, personal care and service, and food preparation occupations; however, Wisconsin employment is below national averages in management, computer operations, construction, community and social service, protective service, legal, and farming/fishing/forestry occupations.

Wisconsin's average wage (\$40,980) ranks in the middle of the states, and is lower than the U.S. average (\$44,100). This is explained, in part, because the average salaries tend to be lower for jobs where Wisconsin has higher-than-average employment compared to the nation: production (\$34,850), healthcare support (\$26,790), transportation and material moving (\$32,100), personal care and service (\$22,950), food preparation and serving (\$20,090), and healthcare practitioners and technical (\$72,290) occupations. In contrast, salaries tend to be higher for jobs where Wisconsin has lower-than-average employment: management (\$94,180), computer and mathematical (\$66,300), construction and extraction (\$47,210), community and social service (\$42,510), protective service (\$38,510), legal (\$79,070), and farming/fishing/forestry (\$28,930) occupations.

Across the last decade, several occupation groups have increased in Wisconsin by more than 20%: business and financial operations (45%), computer and mathematical (32%), personal care and service (31%), healthcare support (24%), and healthcare practitioners and technical (21%) occupations. In the last 10 years, three occupation groups have decreased by more than 20% in the state: construction and extraction (29%), production (29%), and management (24%) occupations.

Occupational Employment Statistics (OES) Survey

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. OES data available from the Bureau of Labor Statistics include cross-industry occupational employment and wage estimates for the nation from over 500 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), metropolitan divisions, and nonmetropolitan areas. OES estimates are constructed from a sample of about 1.2 million establishments from two semiannual panels of approximately 200,000 sampled establishments. May 2010 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2010, November 2009, May 2009, November 2008, May 2008, and November 2007. The OES survey categorizes workers into nearly 800 detailed occupations based on the Office of Management and Budget's Standard Occupational Classification (SOC) system.

Wisconsin Occupations Reflect Its Economy

- **Above average employment in** production, health care, transportation, personal care and service, and food preparation and serving.
- **Near average employment in** maintenance, repair, sales, office support, and others.
- **Below average employment in** management, computer operations, construction, community and social service, protective service, legal, and farming/fishing/forestry.
- **Some things Wisconsin just does not do. Wisconsin is not employed in** aircraft assembly, mining, petroleum extraction, semi-conduction processors and high-fashion modeling.

Above Average Employment

Table 1. Occupations With Above Average Employment in Wisconsin

Occupations, Major Categories	Employment Estimates			Average Annual Wage
	Employment	Employment Per Thousand Jobs	Location Quotient	
All Occupations	2,608,740	1000.000	1.000	\$40,980
Production Occupations	284,330	108.990	1.682	\$34,850
Healthcare Support Occupations	93,710	35.923	1.152	\$26,790
Transportation & Material Moving Occupations	195,600	74.980	1.115	\$32,100
Personal Care & Service Occupations	75,120	28.796	1.069	\$22,950
Food Preparation & Serving Related Occupations	232,740	89.217	1.028	\$20,090
Healthcare Practitioners & Technical Occupations	152,670	58.522	1.012	\$72,290
Subtotal	1,034,170	396.428		

Near Average Employment

Table 2. Occupations With Near Average Employment in Wisconsin

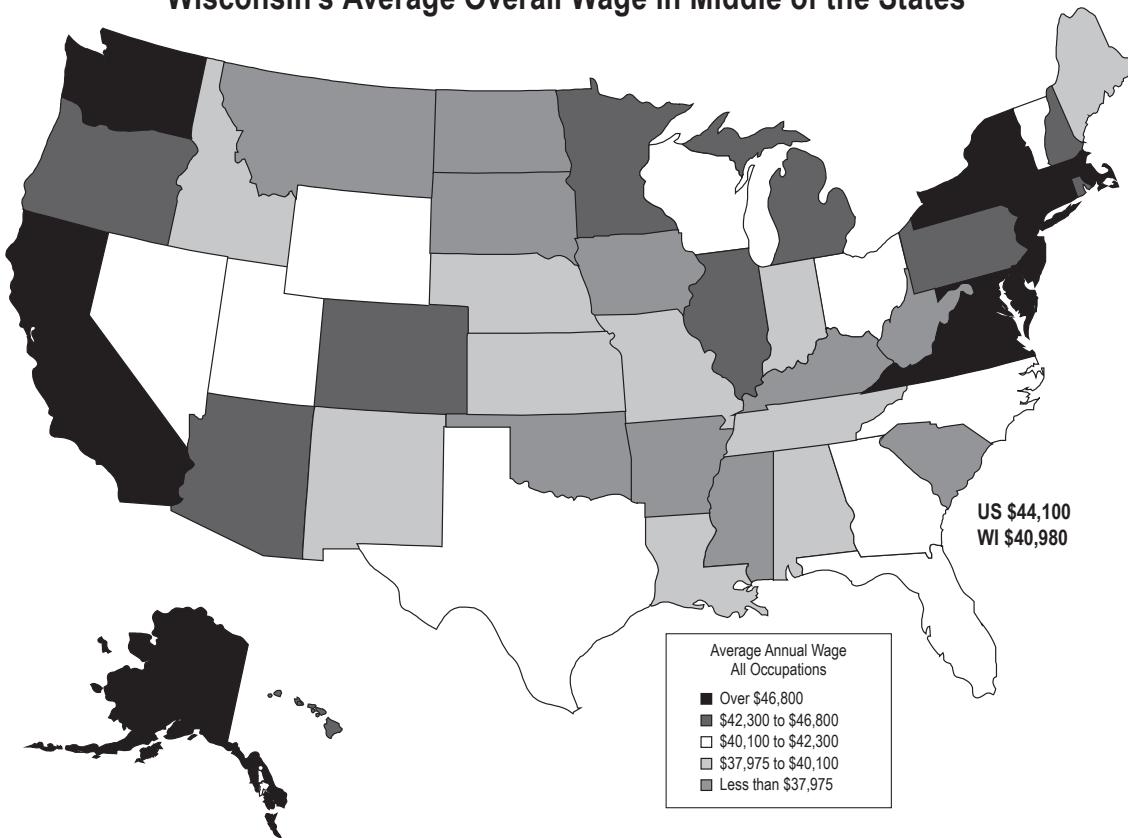
Occupations, Major Categories	Employment Estimates			Average Annual Wage
	Employment	Employment Per Thousand Jobs	Location Quotient	
All Occupations	2,608,740	1000.000	1.000	\$40,980
Building and Grounds Cleaning & Maintenance Occupations	84,120	32.246	0.982	\$25,430
Installation, Maintenance, & Repair Occupations	97,980	37.558	0.968	\$42,450
Sales & Related Occupations	264,500	101.390	0.959	\$34,970
Arts, Design, Entertainment, Sports, & Media Occupations	33,350	12.785	0.947	\$42,100
Office & Administrative Support Occupations	406,000	155.631	0.920	\$31,950
Education, Training, & Library Occupations	158,510	60.761	0.913	\$47,570
Business & Financial Operations Occupations	113,250	43.414	0.906	\$59,280
Life, Physical, & Social Science Occupations	19,740	7.565	0.903	\$58,500
Architecture & Engineering Occupations	42,690	16.363	0.902	\$65,550
Subtotal	1,220,140	467.713		

Below Average Employment

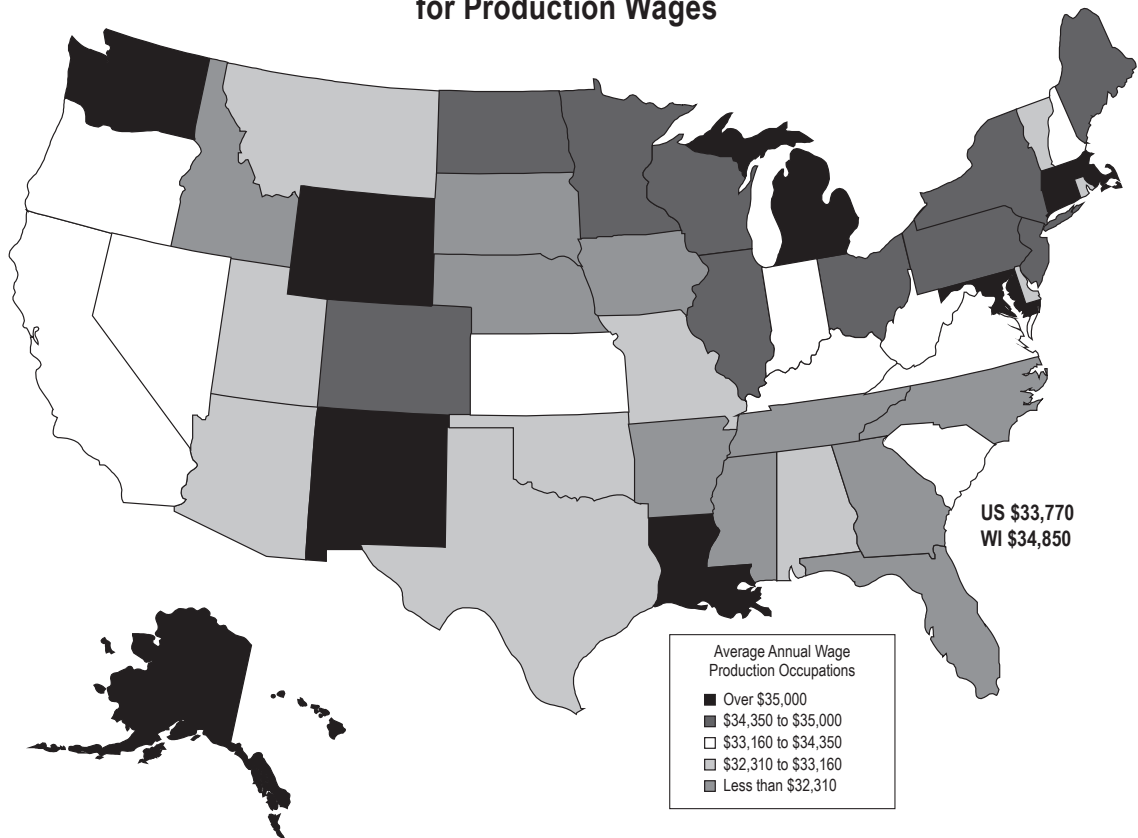
Table 3. Occupations With Below Average Employment in Wisconsin

Occupations, Major Categories	Employment Estimates			
	Employment	Employment Per Thousand Jobs	Location Quotient	Average Annual Wage
All Occupations	2,608,740	1000.000	1.000	\$40,980
Management Occupations	108,930	41.756	0.881	\$94,180
Computer and Mathematical Occupations	57,310	21.967	0.850	\$66,300
Construction and Extraction Occupations	87,330	33.477	0.839	\$47,210
Community and Social Service Occupations	31,630	12.123	0.810	\$42,510
Protective Service Occupations	51,280	19.657	0.784	\$38,510
Legal Occupations	13,020	4.991	0.639	\$79,070
Farming, Fishing, and Forestry Occupations	4,930	1.888	0.588	\$28,930
Subtotal	354,430	135.859		

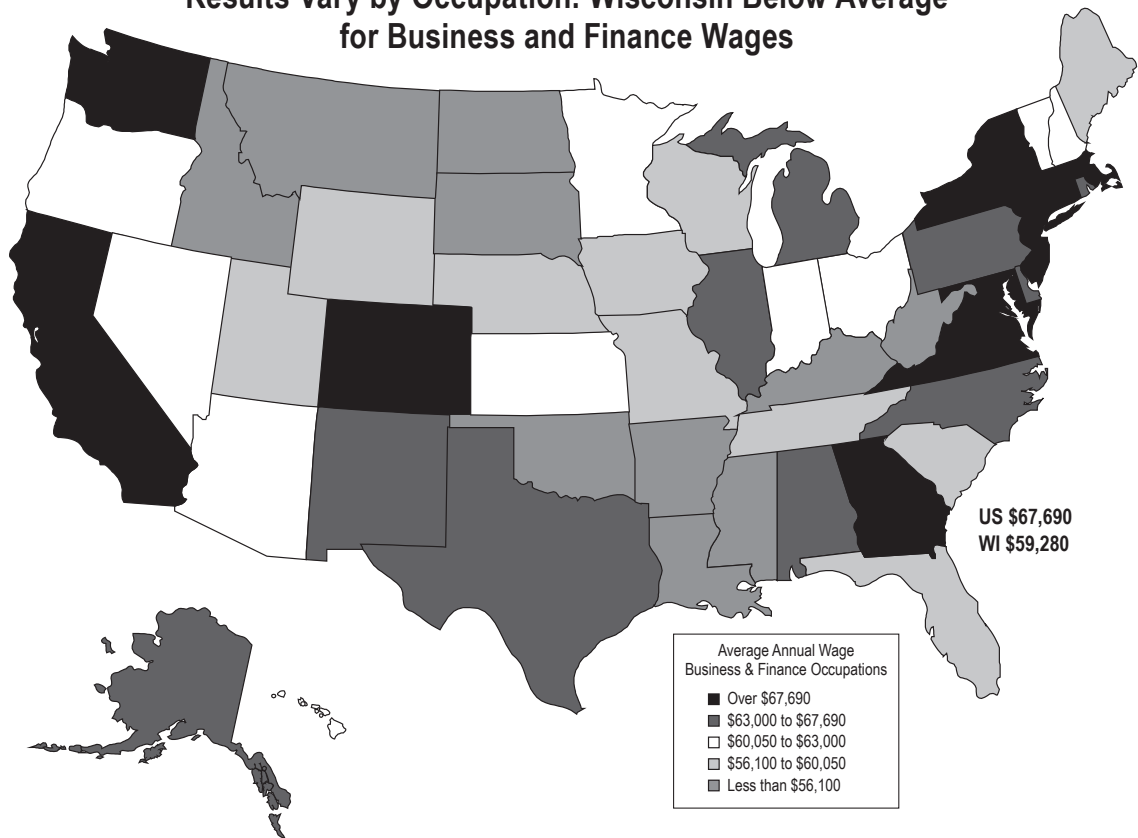
Wisconsin's Average Overall Wage in Middle of the States



Results Vary by Occupation: Wisconsin Above Average for Production Wages



Results Vary by Occupation: Wisconsin Below Average for Business and Finance Wages



10-Year Change in Occupations

Table 4. 10-Year Change in Occupations: Sorted by Percent Change

Occupation, Major Categories	2000	2005	2010	2000-05	2005-10	2000-10
All Occupations	2,762,220	2,727,430	2,608,740	-1.3%	-4.4%	-5.6%
Business & Financial Operations Occupations	78,110	108,280	113,250	38.6%	4.6%	45.0%
Computer & Mathematical Occupations	43,320	46,120	57,310	6.5%	24.3%	32.3%
Personal Care & Service Occupations	57,160	75,820	75,120	32.6%	-0.9%	31.4%
Healthcare Support Occupations	75,730	78,550	93,710	3.7%	19.3%	23.7%
Healthcare Practitioners & Technical Occupations	126,360	134,360	152,670	6.3%	13.6%	20.8%
Community & Social Service Occupations	27,560	30,780	31,630	11.7%	2.8%	14.8%
Arts, Design, Entertainment, Sports, & Media Occupations	29,910	32,230	33,350	7.8%	3.5%	11.5%
Food Preparation & Serving Related Occupations	211,330	231,520	232,740	9.6%	0.5%	10.1%
Protective Service Occupations	48,200	49,340	51,280	2.4%	3.9%	6.4%
Education, Training, & Library Occupations	150,290	150,840	158,510	0.4%	5.1%	5.5%
Life, Physical, & Social Science Occupations	20,090	25,720	19,740	28.0%	-23.3%	-1.7%
Sales & Related Occupations	272,900	264,370	264,500	-3.1%	0.0%	-3.1%
Legal Occupations	13,820	12,810	13,020	-7.3%	1.6%	-5.8%
Installation, Maintenance, & Repair Occupations	105,500	107,790	97,980	2.2%	-9.1%	-7.1%
Building & Grounds Cleaning & Maintenance Occupations	91,760	90,890	84,120	-0.9%	-7.4%	-8.3%
Farming, Fishing, & Forestry Occupations	5,530	4,290	4,930	-22.4%	14.9%	-10.8%
Transportation & Material Moving Occupations	219,870	227,550	195,600	3.5%	-14.0%	-11.0%
Architecture & Engineering Occupations	48,840	48,450	42,690	-0.8%	-11.9%	-12.6%
Office & Administrative Support Occupations	468,980	451,140	406,000	-3.8%	-10.0%	-13.4%
Management Occupations	143,330	95,940	108,930	-33.1%	13.5%	-24.0%
Production Occupations	400,290	342,860	284,330	-14.3%	-17.1%	-29.0%
Construction & Extraction Occupations	123,340	117,760	87,330	-4.5%	-25.8%	-29.2%

10-Year Change in Occupations

Table 5. 10-Year Change in Occupations: Sorted by Number in Occupation in 2000

Occupations, Major Categories	2000	2005	2010	2000-05	2005-10	2000-10
All Occupations	2,762,220	2,727,430	2,608,740	-1.3%	-4.4%	-5.6%
Office & Administrative Support Occupations	468,980	451,140	406,000	-3.8%	-10.0%	-13.4%
Production Occupations	400,290	342,860	284,330	-14.3%	-17.1%	-29.0%
Sales & Related Occupations	272,900	264,370	264,500	-3.1%	0.0%	-3.1%
Transportation & Material Moving Occupations	219,870	227,550	195,600	3.5%	-14.0%	-11.0%
Food Preparation & Serving Related Occupations	211,330	231,520	232,740	9.6%	0.5%	10.1%
Education, Training, & Library Occupations	150,290	150,840	158,510	0.4%	5.1%	5.5%
Management Occupations	143,330	95,940	108,930	-33.1%	13.5%	-24.0%
Healthcare Practitioners & Technical Occupations	126,360	134,360	152,670	6.3%	13.6%	20.8%
Construction & Extraction Occupations	123,340	117,760	87,330	-4.5%	-25.8%	-29.2%
Installation, Maintenance, & Repair Occupations	105,500	107,790	97,980	2.2%	-9.1%	-7.1%
Building & Grounds Cleaning & Maintenance Occupations	91,760	90,890	84,120	-0.9%	-7.4%	-8.3%
Business & Financial Operations Occupations	78,110	108,280	113,250	38.6%	4.6%	45.0%
Healthcare Support Occupations	75,730	78,550	93,710	3.7%	19.3%	23.7%
Personal Care & Service Occupations	57,160	75,820	75,120	32.6%	-0.9%	31.4%
Architecture & Engineering Occupations	48,840	48,450	42,690	-0.8%	-11.9%	-12.6%
Protective Service Occupations	48,200	49,340	51,280	2.4%	3.9%	6.4%
Computer & Mathematical Occupations	43,320	46,120	57,310	6.5%	24.3%	32.3%
Arts, Design, Entertainment, Sports, & Media Occupations	29,910	32,230	33,350	7.8%	3.5%	11.5%
Community & Social Service Occupations	27,560	30,780	31,630	11.7%	2.8%	14.8%
Life, Physical, & Social Science Occupations	20,090	25,720	19,740	28.0%	-23.3%	-1.7%
Legal Occupations	13,820	12,810	13,020	-7.3%	1.6%	-5.8%
Farming, Fishing, & Forestry Occupations	5,530	4,290	4,930	-22.4%	14.9%	-10.8%

Above Average Employment and Above Average Wages

Table 6. Above Average Employment and Above Average Wages: Occupations With More than 5,000 Jobs

Occupational Title	Total Employment	Location Quotient	Annual Wage	
			Amount	Pct of US Avg
Office Clerks, General	63,060	1.101	\$28,680	101.6%
Customer Service Representatives	46,300	1.051	\$33,260	101.5%
Heavy & Tractor-Trailer Truck Drivers	43,660	1.450	\$39,880	101.1%
Janitors & Cleaners, Except Maids & Housekeeping Cleaners	43,100	1.020	\$25,140	102.4%
Laborers & Freight, Stock, & Material Movers, Hand	42,750	1.029	\$27,210	105.8%
Nursing Aides, Orderlies, & Attendants*	37,630	1.263	\$25,620	101.9%
Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	33,400	1.190	\$63,870	101.8%
Team Assemblers	32,910	1.727	\$30,300	103.7%
Home Health Aides	22,080	1.095	\$21,860	100.5%
Packers & Packagers, Hand	19,380	1.395	\$25,230	114.2%
First-Line Supervisors of Production & Operating Workers	17,670	1.550	\$56,250	100.1%
Packaging & Filling Machine Operators & Tenders	16,470	2.345	\$28,490	103.3%
Shipping, Receiving, & Traffic Clerks	15,390	1.090	\$30,420	101.2%
Industrial Truck & Tractor Operators	13,850	1.302	\$31,810	101.0%
Machinists	13,100	1.809	\$40,570	102.0%
Helpers—Production Workers	11,490	1.420	\$26,570	109.6%
Bus Drivers, School or Special Client	11,200	1.167	\$28,820	100.6%
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	11,120	1.213	\$19,520	101.2%
Welders, Cutters, Solderers, & Brazers	10,670	1.654	\$38,180	102.2%
Assemblers & Fabricators, All Other	10,220	2.007	\$34,730	111.9%
Paper Goods Machine Setters, Operators, & Tenders	10,080	5.559	\$40,470	115.7%
Physicians & Surgeons, All Other	7,810	1.295	\$191,370	105.8%
Printing Press Operators	7,710	1.965	\$38,670	109.3%
Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	6,980	1.867	\$33,300	108.5%
Cleaners of Vehicles & Equipment	6,530	1.105	\$23,490	105.1%
Electrical & Electronic Equipment Assemblers	6,170	1.666	\$33,120	106.5%
Computer-Controlled Machine Tool Operators, Metal & Plastic	6,080	2.395	\$35,910	100.1%
Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	5,780	4.060	\$35,140	105.7%
Highway Maintenance Workers	5,310	1.816	\$38,460	107.3%

Above Average Employment and Below Average Wages

Table 7. Above Average Employment and Below Average Wages: Occupations With More than 5,000 Jobs

Occupational Title	Total Employment	Location Quotient	Annual Wage	
			Amount	Pct of US Avg
Cashiers	71,970	1.045	\$18,840	95.1%
Combined Food Preparation & Serving Workers, Including Fast Food	63,720	1.153	\$18,000	96.7%
Bartenders	24,790	2.439	\$19,100	89.6%
Personal Care Aides	19,630	1.394	\$20,160	98.7%
Maids & Housekeeping Cleaners	18,240	1.026	\$20,080	94.9%
Light Truck or Delivery Service Drivers	16,380	1.023	\$29,110	90.6%
Carpenters	14,540	1.142	\$42,800	97.5%
Tellers	14,290	1.252	\$23,780	95.2%
Inspectors, Testers, Sorters, Samplers, & Weighers	13,320	1.580	\$32,970	92.7%
Human Resources, Training, & Labor Relations Specialists, All Other*	12,020	1.402	\$46,130	79.8%
Dishwashers	10,720	1.032	\$17,610	94.3%
Hairdressers, Hairstylists, & Cosmetologists	10,580	1.475	\$24,640	92.9%
Medical Secretaries	10,270	1.012	\$29,960	94.2%
Preschool Teachers, Except Special Education	9,390	1.239	\$24,590	84.2%
Firefighters	8,110	1.307	\$33,320	69.8%
Telemarketers	7,940	1.339	\$23,380	91.8%
Recreation Workers	7,890	1.309	\$23,450	92.8%
Insurance Claims & Policy Processing Clerks	7,840	1.649	\$34,670	95.3%
Order Clerks	7,680	1.771	\$29,510	97.3%
Sales Managers	7,470	1.140	\$104,110	91.2%
Pharmacy Technicians	7,310	1.069	\$28,180	96.1%
Industrial Machinery Mechanics	6,940	1.229	\$46,670	99.1%
Postal Service Mail Carriers	6,930	1.038	\$49,410	98.3%
Molding, Coremaking, & Casting Machine Setters, Operators, & Tenders, Metal & Plastic	6,850	2.909	\$29,610	98.6%
Production, Planning, & Expediting Clerks	6,740	1.233	\$41,680	94.6%
Production Workers, All Other*	6,730	1.429	\$30,830	99.5%
Purchasing Agents, Except Wholesale, Retail, & Farm Products	6,380	1.142	\$52,960	88.0%
Loan Officers	6,230	1.071	\$63,370	96.2%
Machine Feeders & Offbearers	5,940	2.417	\$27,730	98.4%
Mechanical Engineers	5,850	1.215	\$71,280	86.4%
Information Security Analysts, Web Developers, & Computer Network Architects	5,600	1.122	\$67,310	84.8%
Healthcare Support Workers, All Other*	5,540	1.390	\$28,770	90.8%
Fitness Trainers & Aerobics Instructors	5,530	1.194	\$24,160	67.3%
Bus & Truck Mechanics & Diesel Engine Specialists	5,450	1.192	\$41,490	98.2%
Claims Adjusters, Examiners, & Investigators	5,440	1.010	\$58,120	96.5%
Food Servers, Nonrestaurant	5,330	1.264	\$21,000	97.0%
Emergency Medical Technicians & Paramedics	5,290	1.163	\$28,470	85.5%
Industrial Engineers	5,280	1.268	\$68,720	87.6%
Industrial Production Managers	5,180	1.760	\$85,770	89.7%

Below Average Employment and Above Average Wages

Table 8. Below Average Employment and Above Average Wages: Occupations With More than 5,000 Jobs

Occupational Title	Total Employment	Location Quotient	Annual Wage	
			Amount	Pct of US Avg
Maintenance & Repair Workers, General	24,240	0.970	\$37,550	102.5%
Secretaries & Administrative Assistants, Except Legal, Medical, & Executive	22,420	0.593	\$32,450	101.4%
Landscaping & Groundskeeping Workers	16,170	0.950	\$26,340	103.6%
Automotive Service Technicians & Mechanics	11,660	0.967	\$38,350	100.4%
Construction Laborers	10,830	0.678	\$39,540	117.7%
Medical Assistants	10,580	0.985	\$30,470	102.4%
Electricians	9,610	0.910	\$52,530	101.4%
Correctional Officers & Jailers	7,630	0.813	\$42,820	100.1%
First-Line Supervisors of Mechanics, Installers, & Repairers	7,590	0.889	\$61,650	100.5%
Cooks, Institution & Cafeteria	7,480	0.940	\$25,190	104.2%
Plumbers, Pipefitters, & Steamfitters	6,600	0.896	\$62,550	124.2%
Operating Engineers & Other Construction Equipment Operators	6,540	0.952	\$51,220	114.3%
Social & Human Service Assistants	6,140	0.837	\$31,030	103.1%
Cooks, Fast Food	5,690	0.527	\$19,290	104.0%
Bill & Account Collectors	5,460	0.666	\$33,580	101.5%
Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	5,430	0.694	\$89,410	106.0%
First-Line Supervisors of Construction Trades & Extraction Workers	5,230	0.537	\$67,430	108.3%
Pharmacists	5,170	0.939	\$116,700	106.7%

Below Average Employment and Below Average Wages

Table 9. Below Average Employment and Below Average Wages: Occupations With More than 5,000 Jobs

Occupational Title	Total Employment	Location Quotient	Annual Wage	
			Amount	Pct of US Avg
Retail Salespersons	76,180	0.893	\$24,250	97.0%
Registered Nurses	52,880	0.970	\$64,280	94.9%
Waiters & Waitresses	43,720	0.949	\$19,630	94.4%
Stock Clerks & Order Fillers	33,020	0.896	\$23,010	96.7%
Bookkeeping, Accounting, & Auditing Clerks	32,170	0.936	\$33,100	93.7%
Elementary School Teachers, Except Special Education	28,070	0.920	\$52,110	95.9%
General & Operations Managers	25,700	0.733	\$107,220	94.8%
First-Line Supervisors of Office & Administrative Support Workers	20,750	0.743	\$47,570	93.7%
Teacher Assistants	20,020	0.781	\$24,620	99.0%
First-Line Supervisors of Retail Sales Workers	19,580	0.814	\$37,940	95.1%
Secondary School Teachers, Except Special & Career/Technical Education	18,770	0.868	\$51,040	91.2%
Accountants & Auditors	18,160	0.825	\$62,340	90.4%
Receptionists & Information Clerks	17,930	0.876	\$26,060	99.2%
Business Operations Specialists, All Other*	17,310	0.848	\$60,420	89.2%
Cooks, Restaurant	15,540	0.840	\$21,620	92.9%
Executive Secretaries & Executive Administrative Assistant	15,310	0.659	\$40,660	88.7%
First-Line Supervisors of Food Preparation & Serving Workers	13,630	0.858	\$30,240	95.2%
Teachers & Instructors, All Other*	13,610	0.934	\$34,450	88.5%
Middle School Teachers, Except Special & Career/Technical Education	12,820	0.954	\$52,240	95.2%
Food Preparation Workers	11,690	0.710	\$20,140	97.5%
Computer Support Specialists	11,480	0.966	\$47,120	94.4%
Security Guards	11,280	0.546	\$24,400	90.8%
Police & Sheriff's Patrol Officers	11,240	0.850	\$52,710	94.8%
Childcare Workers	11,190	0.892	\$20,290	96.1%
Licensed Practical & Licensed Vocational Nurses	10,450	0.697	\$41,010	99.2%
Sales Representatives, Services, All Other	10,360	0.950	\$56,960	94.3%
Computer Systems Analysts	9,980	0.980	\$72,530	89.3%
Software Developers, Applications	9,780	0.954	\$77,090	85.3%
Financial Managers	9,100	0.925	\$102,680	87.8%
Billing & Posting Clerks	8,590	0.865	\$32,320	97.1%
Management Analysts	7,990	0.726	\$73,730	84.5%
Counter & Rental Clerks	7,790	0.915	\$24,850	97.0%
Lawyers	7,440	0.646	\$106,610	82.4%
Dining Room & Cafeteria Attendants & Bartender Helpers	6,860	0.855	\$17,900	92.7%
Driver/Sales Workers	6,830	0.895	\$26,380	97.5%
Computer Programmers	6,650	0.971	\$68,190	91.0%
Network & Computer Systems Administrators*	6,510	0.952	\$61,670	85.4%
Insurance Sales Agents	5,730	0.876	\$59,450	95.1%
Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	5,570	0.825	\$18,530	94.5%
Computer & Information Systems Managers	5,540	0.935	\$103,630	84.1%
Dental Assistants	5,460	0.905	\$33,380	97.8%
Managers, All Other	5,160	0.734	\$85,980	84.2%
Medical & Health Services Managers	5,140	0.885	\$91,190	97.4%