

## North Central Wisconsin Occupational Projections, 2006-2008

### Summary Level Occupational Groups

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>	Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>206,890</b>	<b>209,690</b>	<b>2,800</b>	<b>1.4%</b>	<b>1,400</b>	<b>5,150</b>	<b>6,550</b>	<b>\$34,384</b>	<b>\$8.45</b>	<b>\$20.57</b>
11-0000	Management Occupations	7,120	7,280	160	2.2%	80	120	200	\$77,827	\$17.14	\$47.56
13-0000	Business and Financial Operations Occupations	8,010	8,180	170	2.1%	90	130	220	\$49,491	\$14.72	\$28.33
15-0000	Computer and Mathematical Occupations	3,300	3,460	160	4.8%	80	40	120	\$54,289	\$16.37	\$30.96
17-0000	Architecture and Engineering Occupations	2,350	2,410	60	2.6%	30	50	80	\$51,930	\$16.75	\$29.07
19-0000	Life, Physical, and Social Science Occupations	1,360	1,390	30	2.2%	20	30	50	\$48,968	\$14.60	\$28.02
21-0000	Community and Social Services Occupations	5,430	5,610	180	3.3%	90	90	180	\$39,833	\$11.79	\$22.83
23-0000	Legal Occupations	780	790	10	1.3%	10	10	20	\$70,471	\$14.62	\$43.51
25-0000	Education, Training, and Library Occupations	9,930	10,080	150	1.5%	80	190	270	\$41,774	\$11.44	\$24.41
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	2,640	2,680	40	1.5%	20	50	70	\$34,736	\$8.96	\$20.57
29-0000	Healthcare Practitioners and Technical Occupations	12,390	12,990	600	4.8%	300	210	510	\$55,658	\$14.06	\$33.11
31-0000	Healthcare Support Occupations	6,160	6,410	250	4.1%	130	90	220	\$25,030	\$9.30	\$13.40
33-0000	Protective Service Occupations	3,590	3,630	40	1.1%	20	110	130	\$33,199	\$8.58	\$19.65
35-0000	Food Preparation and Serving Related Occupations	17,080	17,490	410	2.4%	210	840	1,050	\$17,713	\$6.40	\$9.57
37-0000	Building and Grounds Cleaning and Maintenance Occupations	7,410	7,590	180	2.4%	90	150	240	\$23,155	\$7.47	\$12.96
39-0000	Personal Care and Service Occupations	5,040	5,230	190	3.8%	100	130	230	\$20,625	\$7.19	\$11.28
41-0000	Sales and Related Occupations	18,950	19,020	70	0.4%	40	760	800	\$30,203	\$7.17	\$18.20
43-0000	Office and Administrative Support Occupations	35,580	35,540	-40	-0.1%	0	840	840	\$27,606	\$8.83	\$15.49
45-0000	Farming, Fishing, and Forestry Occupations	420	430	10	2.4%	10	10	20	\$25,357	\$7.84	\$14.37
47-0000	Construction and Extraction Occupations	8,120	8,200	80	1.0%	40	150	190	\$38,313	\$12.04	\$21.61
49-0000	Installation, Maintenance, and Repair Occupations	7,750	7,780	30	0.4%	20	170	190	\$36,621	\$11.67	\$20.57
51-0000	Production Occupations	24,040	23,890	-150	-0.6%	0	570	570	\$31,877	\$10.11	\$17.93
53-0000	Transportation and Material Moving Occupations	19,460	19,600	140	0.7%	70	430	500	\$31,312	\$8.49	\$18.34

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## North Central Wisconsin Occupational Projections, 2006-2008

Summary by Education/Training Level

Education/Training Level	Number of Occupations	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>
First professional degree	20	2,020	2,090	70	3.5%	40	30	70
Doctoral degree	44	1,340	1,390	50	3.7%	30	40	70
Master's degree	38	5,240	5,410	170	3.2%	90	110	200
Bachelor's or higher degree, plus work experience	33	6,530	6,680	150	2.3%	80	120	200
Bachelor's degree	108	26,530	27,320	790	3.0%	400	480	880
Associate degree	36	5,120	5,290	170	3.3%	90	90	180
Postsecondary vocational training	53	11,450	11,680	230	2.0%	120	230	350
Work experience in a related occupation	43	11,030	11,150	120	1.1%	60	230	290
Long-term on-the-job training	83	15,810	15,980	170	1.1%	90	370	460
Moderate-term on-the-job training	168	48,350	48,630	280	0.6%	140	1,000	1,140
Short-term on-the-job training	135	73,480	74,090	610	0.8%	310	2,640	2,950
<b>Total, All Occupations</b>	<b>761</b>	<b>206,900</b>	<b>209,710</b>	<b>2,810</b>	<b>1.4%</b>	<b>1,450</b>	<b>5,340</b>	<b>6,790</b>

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**North Central Wisconsin Occupational Projections, 2006-2008**

Fastest Growing Occupations <sup>(9)</sup> with employment of at least 200 in 2008

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
15-1081	Network Systems and Data Communications Analysts	230	260	30	13.0%	20	<5	20	Bachelor's degree	\$49,662	\$17.19	\$27.22
15-1031	Computer Software Engineers, Applications	610	660	50	8.2%	30	10	40	Bachelor's degree	\$63,645	\$23.01	\$34.39
39-9021	Personal and Home Care Aides	990	1,060	70	7.1%	40	20	60	Short-term on-the-job training	\$19,692	\$8.15	\$10.12
31-1011	Home Health Aides	860	920	60	7.0%	30	10	40	Short-term on-the-job training	\$18,592	\$6.85	\$9.98
31-9092	Medical Assistants	730	780	50	6.8%	30	10	40	Moderate-term on-the-job training	\$27,088	\$10.84	\$14.11
29-2021	Dental Hygienists	320	340	20	6.3%	10	<5	10	Associate degree	\$51,072	\$21.72	\$25.97
43-4111	Interviewers, Except Eligibility and Loan	320	340	20	6.3%	10	10	20	Short-term on-the-job training	\$27,078	\$10.68	\$14.19
29-1051	Pharmacists	330	350	20	6.1%	10	10	20	First professional degree	\$99,664	\$39.42	\$52.16
29-1111	Registered Nurses	4,840	5,130	290	6.0%	150	90	240	Associate or Bachelor's degree <sup>(8)</sup>	\$55,149	\$20.77	\$29.39
29-2071	Technicians	340	360	20	5.9%	10	10	20	Associate degree	\$29,022	\$10.05	\$15.90
21-1014	Mental Health Counselors	370	390	20	5.4%	10	10	20	Master's degree	\$50,215	\$17.76	\$27.33
13-1022	Wholesale and Retail Buyers, Except Farm Products	190	200	10	5.3%	10	10	20	Bachelor's degree	\$53,496	\$14.07	\$31.54
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	190	200	10	5.3%	10	20	30	Short-term on-the-job training	\$15,420	\$6.41	\$7.92
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	200	10	5.3%	10	10	20	Work experience in a related occupation	\$31,568	\$12.21	\$16.66
47-2141	Painters, Construction and Maintenance	190	200	10	5.3%	10	<5	10	Moderate-term on-the-job training	\$30,915	\$8.78	\$17.91
21-1023	Mental Health and Substance Abuse Social Workers	390	410	20	5.1%	10	10	20	Master's degree	\$40,100	\$12.94	\$22.45
17-3013	Mechanical Drafters	200	210	10	5.0%	10	10	20	Postsecondary vocational training	\$41,669	\$15.49	\$22.30
29-1122	Occupational Therapists	200	210	10	5.0%	10	<5	10	Master's degree	\$50,229	\$16.55	\$27.95
29-2034	Radiologic Technologists and Technicians	400	420	20	5.0%	10	10	20	Associate degree	\$45,067	\$16.34	\$24.33
11-9151	Social and Community Service Managers	210	220	10	4.8%	10	<5	10	Bachelor's degree	\$48,020	\$17.61	\$25.83
19-3031	Clinical, Counseling, and School Psychologists	210	220	10	4.8%	10	10	20	Doctoral degree	\$71,518	\$21.35	\$40.90
11-9111	Medical and Health Services Managers	420	440	20	4.8%	10	10	20	Bachelor's or higher degree + work experience	\$72,479	\$25.36	\$39.59
29-2052	Pharmacy Technicians	420	440	20	4.8%	10	10	20	Moderate-term on-the-job training	\$24,728	\$8.96	\$13.35
31-9091	Dental Assistants	420	440	20	4.8%	10	10	20	Moderate-term on-the-job training	\$28,588	\$11.56	\$14.83
47-2073	Operating Engineers and Other Construction Equipment Operators	640	670	30	4.7%	20	20	40	Moderate-term on-the-job training	\$37,374	\$12.55	\$20.68
29-1062	Family and General Practitioners	220	230	10	4.5%	10	<5	10	First professional degree	\$173,226	*	*
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	450	470	20	4.4%	10	10	20	Postsecondary vocational training	\$35,577	\$13.33	\$18.99
51-3011	Bakers	230	240	10	4.3%	10	10	20	Long-term on-the-job training	\$22,167	\$8.12	\$11.93
15-1051	Computer Systems Analysts	690	720	30	4.3%	20	10	30	Bachelor's degree	\$60,623	\$20.12	\$33.66
39-9011	Child Care Workers	1,160	1,210	50	4.3%	30	30	60	Short-term on-the-job training	\$18,628	\$7.09	\$9.89
21-1093	Social and Human Service Assistants	700	730	30	4.3%	20	10	30	Moderate-term on-the-job training	\$26,453	\$9.62	\$14.26
25-2011	Preschool Teachers, Except Special Education	710	740	30	4.2%	20	10	30	Bachelor's degree	\$27,527	\$8.80	\$15.45
21-1022	Medical and Public Health Social Workers	240	250	10	4.2%	10	<5	10	Master's degree	\$44,987	\$15.70	\$24.59
11-3011	Administrative Services Managers	250	260	10	4.0%	10	10	20	Bachelor's or higher degree + work experience	\$65,982	\$19.74	\$37.71
11-9051	Food Service Managers	250	260	10	4.0%	10	<5	10	Work experience in a related occupation	\$32,699	\$11.48	\$17.84
29-2011	Medical and Clinical Laboratory Technologists	250	260	10	4.0%	10	10	20	Bachelor's degree	\$50,390	\$19.81	\$26.43
29-2055	Surgical Technologists	260	270	10	3.8%	10	<5	10	Postsecondary vocational training	\$39,036	\$15.35	\$20.48
39-9032	Recreation Workers	530	550	20	3.8%	10	10	20	Bachelor's degree	\$20,818	\$6.51	\$11.76
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	290	10	3.6%	10	10	20	Work experience in a related occupation	\$68,269	\$18.23	\$40.12

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51-2041	Structural Metal Fabricators and Fitters	280	290	10	3.6%	10	10	20	Moderate-term on-the-job training	\$35,729	\$14.40	\$18.56
29-2041	Emergency Medical Technicians and Paramedics	570	590	20	3.5%	10	10	20	Postsecondary vocational training	\$27,641	\$8.82	\$15.52
11-3021	Computer and Information Systems Managers	290	300	10	3.4%	10	10	20	Bachelor's or higher degree + work experience	\$88,734	\$26.57	\$50.70
35-2015	Cooks, Short Order	290	300	10	3.4%	10	10	20	Short-term on-the-job training	\$17,376	\$7.36	\$8.85
53-3041	Taxi Drivers and Chauffeurs	290	300	10	3.4%	10	<5	10	Short-term on-the-job training	\$19,582	\$7.20	\$10.52
17-2112	Industrial Engineers	300	310	10	3.3%	10	10	20	Bachelor's degree	\$62,292	\$23.42	\$33.21
15-1041	Computer Support Specialists	610	630	20	3.3%	10	10	20	Associate degree	\$37,205	\$12.36	\$20.65

The following occupations are also included in the list but to protect the confidentiality of employers only estimated average annual openings and typical education/training are shown:

21-1011	Substance Abuse and Behavioral Disorder Counselors	*	*	*	*	10	10	20	Master's degree	*	*	*
21-2021	Directors, Religious Activities and Education	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
25-1194	Vocational Education Teachers, Postsecondary	*	*	*	*	10	10	20	Work experience in a related occupation	*	*	*
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	*	*	*	*	10	20	30	Short-term on-the-job training	*	*	*

Sub-set totals	24,550	25,820	1,270	5.2%	800	540	1,340
Total, all occupations	206,890	209,690	2,800	1.4%	1,400	5,150	6,550
Percent of total	11.9%	12.3%	45.4%				

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**North Central Wisconsin Occupational Projections, 2006-2008**

Occupations Losing Jobs Between 2006 and 2008 (up to 50 occupations)

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
43-5081	Stock Clerks and Order Fillers	2,610	2,540	-70	-2.7%	0	130	130	Short-term on-the-job training	\$20,597	\$6.90	\$11.40
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,510	1,440	-70	-4.6%	0	30	30	Moderate-term on-the-job training	\$37,607	\$12.58	\$20.83
41-2011	Cashiers	5,210	5,150	-60	-1.2%	0	340	340	Short-term on-the-job training	\$16,685	\$6.45	\$8.81
43-6014	Secretaries, Except Legal, Medical, and Executive	3,430	3,380	-50	-1.5%	0	60	60	Moderate-term on-the-job training	\$26,883	\$9.70	\$14.53
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,080	1,040	-40	-3.7%	0	30	30	Moderate-term on-the-job training	\$26,275	\$10.05	\$13.92
53-7063	Machine Feeders and Offbearers	550	510	-40	-7.3%	0	20	20	Short-term on-the-job training	\$33,880	\$8.53	\$20.17
43-4071	File Clerks	360	330	-30	-8.3%	0	10	10	Short-term on-the-job training	\$23,488	\$8.38	\$12.75
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	650	620	-30	-4.6%	0	20	20	Moderate-term on-the-job training	\$27,153	\$9.97	\$14.60
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,410	4,380	-30	-0.7%	0	170	170	Short-term on-the-job training	\$26,695	\$7.84	\$15.33
43-5071	Shipping, Receiving, and Traffic Clerks	1,270	1,250	-20	-1.6%	0	30	30	Short-term on-the-job training	\$26,647	\$8.59	\$14.92
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	250	230	-20	-8.0%	0	10	10	Short-term on-the-job training	\$23,319	\$7.88	\$12.88
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	410	390	-20	-4.9%	0	10	10	Moderate-term on-the-job training	\$35,256	\$12.55	\$19.15
13-2041	Credit Analysts	60	50	-10	-16.7%	0	<5	<5	Bachelor's degree	\$42,950	\$13.46	\$24.24
21-1092	Probation Officers and Correctional Treatment Specialists	70	60	-10	-14.3%	0	<5	<5	Bachelor's degree	\$42,310	\$16.67	\$22.18
27-1023	Floral Designers	100	90	-10	-10.0%	0	<5	<5	Moderate-term on-the-job training	\$23,184	\$8.33	\$12.55
27-3011	Radio and Television Announcers	90	80	-10	-11.1%	0	<5	<5	Long-term on-the-job training	\$26,435	\$7.29	\$15.42
35-2012	Cooks, Institution and Cafeteria	630	620	-10	-1.6%	0	30	30	Long-term on-the-job training	\$23,267	\$8.63	\$12.46
43-2011	Switchboard Operators, Including Answering Service	270	260	-10	-3.7%	0	10	10	Short-term on-the-job training	\$23,583	\$9.29	\$12.36
43-4041	Credit Authorizers, Checkers, and Clerks	60	50	-10	-16.7%	0	<5	<5	Short-term on-the-job training	\$30,148	\$10.92	\$16.28
43-4061	Eligibility Interviewers, Government Programs	70	60	-10	-14.3%	0	<5	<5	Moderate-term on-the-job training	\$32,542	\$12.43	\$17.26
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	120	110	-10	-8.3%	0	<5	<5	Short-term on-the-job training	\$30,348	\$11.18	\$16.30
43-9021	Data Entry Keyers	410	400	-10	-2.4%	0	10	10	Moderate-term on-the-job training	\$24,126	\$9.73	\$12.54
43-9022	Word Processors and Typists	190	180	-10	-5.3%	0	<5	<5	Moderate-term on-the-job training	\$29,326	\$10.92	\$15.69
43-9071	Office Machine Operators, Except Computer	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$26,930	\$9.17	\$14.84
47-2061	Construction Laborers	830	820	-10	-1.2%	0	10	10	Moderate-term on-the-job training	\$31,986	\$11.19	\$17.47
49-3021	Automotive Body and Related Repairers	230	220	-10	-4.3%	0	10	10	Long-term on-the-job training	\$35,267	\$13.46	\$18.70
49-9041	Industrial Machinery Mechanics	620	610	-10	-1.6%	0	10	10	Long-term on-the-job training	\$38,801	\$14.24	\$20.86
49-9044	Millwrights	230	220	-10	-4.3%	0	10	10	Long-term on-the-job training	\$52,069	\$21.35	\$26.87
51-2023	Electromechanical Equipment Assemblers	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$35,186	\$12.06	\$19.34
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	720	710	-10	-1.4%	0	20	20	Moderate-term on-the-job training	\$30,971	\$11.55	\$16.56
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	240	230	-10	-4.2%	0	10	10	Moderate-term on-the-job training	\$33,484	\$12.06	\$18.12
51-5023	Printing Machine Operators	420	410	-10	-2.4%	0	10	10	Moderate-term on-the-job training	\$35,796	\$13.10	\$19.26
51-6031	Sewing Machine Operators	230	220	-10	-4.3%	0	<5	<5	Moderate-term on-the-job training	\$22,148	\$7.80	\$12.07
51-8021	Stationary Engineers and Boiler Operators	90	80	-10	-11.1%	0	<5	<5	Long-term on-the-job training	\$45,879	\$16.92	\$24.63

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		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
51-9111	Packaging and Filling Machine Operators and Tenders	1,000	990	-10	-1.0%	0	20	20	Short-term on-the-job training	\$24,295	\$8.42	\$13.31
51-9191	Cementing and Gluing Machine Operators and Tenders	70	60	-10	-14.3%	0	<5	<5	Moderate-term on-the-job training	\$32,306	\$11.02	\$17.79
51-9198	Helpers--Production Workers	1,480	1,470	-10	-0.7%	0	40	40	Short-term on-the-job training	\$26,627	\$8.53	\$14.94
53-6021	Parking Lot Attendants	100	90	-10	-10.0%	0	<5	<5	Short-term on-the-job training	\$22,177	\$8.94	\$11.52
53-7061	Cleaners of Vehicles and Equipment	500	490	-10	-2.0%	0	20	20	Short-term on-the-job training	\$19,604	\$6.48	\$10.90

The following occupations are also included in the list but to protect the confidentiality of employers only estimated average annual openings and typical education/training are shown:

39-6031	Flight Attendants	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
41-2022	Parts Salespersons	*	*	*	*	0	10	10	Moderate-term on-the-job training	*	*	*
41-3041	Travel Agents	*	*	*	*	0	<5	<5	Postsecondary vocational training	*	*	*
43-4151	Order Clerks	*	*	*	*	0	30	30	Short-term on-the-job training	*	*	*
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	*	*	*	*	0	<5	<5	Postsecondary vocational training	*	*	*
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
51-6042	Shoe Machine Operators and Tenders	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*

Sub-set totals	32,740	31,880	-860	-2.6%	0	1,110	1,110
Total, all occupations	206,890	209,690	2,800	1.4%	1,400	5,150	6,550
Percent of total	15.8%	15.2%					

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**North Central Wisconsin Occupational Projections, 2006-2008**

Fifty Occupations with the Greatest Employment in 2008

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
41-2031	Retail Salespersons	6,150	6,210	60	1.0%	30	250	280	Short-term on-the-job training	\$22,838	\$7.04	\$12.95
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,700	5,840	140	2.5%	70	90	160	Moderate-term on-the-job training	\$42,517	\$12.79	\$24.27
41-2011	Cashiers	5,210	5,150	-60	-1.2%	0	340	340	Short-term on-the-job training	\$16,685	\$6.45	\$8.81
29-1111	Registered Nurses	4,840	5,130	290	6.0%	150	90	240	Associate or Bachelor's degree <sup>(8)</sup>	\$55,149	\$20.77	\$29.39
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,410	4,380	-30	-0.7%	0	170	170	Short-term on-the-job training	\$26,695	\$7.84	\$15.33
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,940	4,030	90	2.3%	50	220	270	Short-term on-the-job training	\$15,565	\$6.40	\$8.02
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,700	3,790	90	2.4%	50	70	120	Short-term on-the-job training	\$23,487	\$8.03	\$12.92
43-9061	Office Clerks, General	3,750	3,750	0	0.0%	<5	80	80	Short-term on-the-job training	\$23,578	\$8.16	\$12.93
35-3031	Waiters and Waitresses	3,450	3,560	110	3.2%	60	200	260	Short-term on-the-job training	\$15,730	\$6.38	\$8.15
43-6014	Secretaries, Except Legal, Medical, and Executive	3,430	3,380	-50	-1.5%	0	60	60	Moderate-term on-the-job training	\$26,883	\$9.70	\$14.53
43-4051	Customer Service Representatives	3,270	3,360	90	2.8%	50	50	100	Moderate-term on-the-job training	\$28,938	\$9.40	\$16.17
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,280	3,290	10	0.3%	10	60	70	Moderate-term on-the-job training	\$27,271	\$8.85	\$15.24
51-2092	Team Assemblers	3,100	3,140	40	1.3%	20	80	100	Moderate-term on-the-job training	\$26,162	\$8.68	\$14.52
31-1012	Nursing Aides, Orderlies, and Attendants	2,760	2,810	50	1.8%	30	30	60	Postsecondary vocational training	\$23,608	\$9.76	\$12.15
43-5081	Stock Clerks and Order Fillers	2,610	2,540	-70	-2.7%	0	130	130	Short-term on-the-job training	\$20,597	\$6.90	\$11.40
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,260	2,320	60	2.7%	30	60	90	Moderate-term on-the-job training	\$55,819	\$14.15	\$33.18
43-6011	Executive Secretaries and Administrative Assistants	2,240	2,250	10	0.4%	10	40	50	Moderate-term on-the-job training	\$32,965	\$11.46	\$18.04
49-9042	Maintenance and Repair Workers, General	1,990	2,010	20	1.0%	10	40	50	Long-term on-the-job training	\$34,399	\$11.10	\$19.25
11-1021	General and Operations Managers	1,930	1,990	60	3.1%	30	30	60	Bachelor's or higher degree + work experience	\$86,645	\$22.33	\$51.32
43-4171	Receptionists and Information Clerks	1,860	1,910	50	2.7%	30	50	80	Short-term on-the-job training	\$22,931	\$8.91	\$12.08
53-7064	Packers and Packagers, Hand	1,870	1,880	10	0.5%	10	40	50	Short-term on-the-job training	\$20,271	\$6.86	\$11.19
35-3011	Bartenders	1,830	1,870	40	2.2%	20	70	90	Short-term on-the-job training	\$16,800	\$6.60	\$8.81
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,810	1,810	0	0.0%	<5	40	40	Work experience in a related occupation	\$43,336	\$13.77	\$24.37
47-2031	Carpenters	1,730	1,730	0	0.0%	<5	30	30	Long-term on-the-job training	\$35,823	\$12.05	\$19.81
25-2021	Elementary School Teachers, Except Special Education	1,690	1,710	20	1.2%	10	30	40	Bachelor's degree	\$45,951	*	*
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,590	1,610	20	1.3%	10	30	40	Work experience in a related occupation	\$49,660	\$15.45	\$28.09
25-9041	Teacher Assistants	1,580	1,600	20	1.3%	10	30	40	Associate degree	\$22,238	*	*
53-3033	Truck Drivers, Light or Delivery Services	1,530	1,560	30	2.0%	20	10	30	Short-term on-the-job training	\$23,921	\$7.99	\$13.26
51-9198	Helpers--Production Workers	1,480	1,470	-10	-0.7%	0	40	40	Short-term on-the-job training	\$26,627	\$8.53	\$14.94
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,440	1,440	0	0.0%	<5	20	20	Work experience in a related occupation	\$38,388	\$11.58	\$21.89
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,510	1,440	-70	-4.6%	0	30	30	Moderate-term on-the-job training	\$37,607	\$12.58	\$20.83
13-2011	Accountants and Auditors	1,390	1,430	40	2.9%	20	20	40	Bachelor's degree	\$54,186	\$17.85	\$30.15
53-7051	Industrial Truck and Tractor Operators	1,390	1,390	0	0.0%	<5	30	30	Short-term on-the-job training	\$30,166	\$11.14	\$16.18
43-5071	Shipping, Receiving, and Traffic Clerks	1,270	1,250	-20	-1.6%	0	30	30	Short-term on-the-job training	\$26,647	\$8.59	\$14.92
39-9011	Child Care Workers	1,160	1,210	50	4.3%	30	30	60	Short-term on-the-job training	\$18,628	\$7.09	\$9.89
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,140	1,150	10	0.9%	10	30	40	Bachelor's degree	\$45,322	*	*
21-2011	Clergy	1,120	1,140	20	1.8%	10	20	30	Master's degree	\$43,375	\$14.40	\$24.08

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
35-2014	Cooks, Restaurant	1,110	1,140	30	2.7%	20	40	60	Long-term on-the-job training	\$20,762	\$7.62	\$11.16
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,050	1,070	20	1.9%	10	30	40	Work experience in a related occupation	\$27,447	\$8.87	\$15.36
39-9021	Personal and Home Care Aides	990	1,060	70	7.1%	40	20	60	Short-term on-the-job training	\$19,692	\$8.15	\$10.12
37-3011	Landscaping and Groundskeeping Workers	1,010	1,040	30	3.0%	20	20	40	Short-term on-the-job training	\$22,813	\$7.39	\$12.76
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,080	1,040	-40	-3.7%	0	30	30	Moderate-term on-the-job training	\$26,275	\$10.05	\$13.92
35-2021	Food Preparation Workers	1,000	1,030	30	3.0%	20	50	70	Short-term on-the-job training	\$19,135	\$7.11	\$10.25
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,010	1,010	0	0.0%	<5	20	20	Moderate-term on-the-job training	\$32,550	\$10.94	\$18.00
43-3071	Tellers	980	1,000	20	2.0%	10	60	70	Short-term on-the-job training	\$21,960	\$8.49	\$11.59
47-2111	Electricians	990	990	0	0.0%	<5	20	20	Long-term on-the-job training	\$43,703	\$14.74	\$24.15
51-9111	Packaging and Filling Machine Operators and Tenders	1,000	990	-10	-1.0%	0	20	20	Short-term on-the-job training	\$24,295	\$8.42	\$13.31
29-2061	Licensed Practical and Licensed Vocational Nurses	960	980	20	2.1%	10	20	30	Postsecondary vocational training	\$35,950	\$14.67	\$18.59

The following occupations are also included in the list but to protect the confidentiality of employers only estimated average annual openings and typical education/training are shown:

37-2012	Maids and Housekeeping Cleaners	*	*	*	*	30	50	80	Short-term on-the-job training	*	*	*
43-4151	Order Clerks	*	*	*	*	0	30	30	Short-term on-the-job training	*	*	*

Sub-set totals	109,920	111,220	1,300	1.2%	940	3,080	4,020
Total, all occupations	206,890	209,690	2,800	1.4%	1,400	5,150	6,550
Percent of total	53.1%	53.0%	46.4%				

Please see notes on last page

**North Central Wisconsin Occupational Projections, 2006-2008**

Fifty Occupations with the Most New Jobs

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
29-1111	Registered Nurses	4,840	5,130	290	6.0%	150	90	240	Associate or Bachelor's degree <sup>(6)</sup>	\$55,149	\$20.77	\$29.39
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,700	5,840	140	2.5%	70	90	160	Moderate-term on-the-job training	\$42,517	\$12.79	\$24.27
35-3031	Waiters and Waitresses	3,450	3,560	110	3.2%	60	200	260	Short-term on-the-job training	\$15,730	\$6.38	\$8.15
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,940	4,030	90	2.3%	50	220	270	Short-term on-the-job training	\$15,565	\$6.40	\$8.02
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,700	3,790	90	2.4%	50	70	120	Short-term on-the-job training	\$23,487	\$8.03	\$12.92
43-4051	Customer Service Representatives	3,270	3,360	90	2.8%	50	50	100	Moderate-term on-the-job training	\$28,938	\$9.40	\$16.17
39-9021	Personal and Home Care Aides	990	1,060	70	7.1%	40	20	60	Short-term on-the-job training	\$19,692	\$8.15	\$10.12
11-1021	General and Operations Managers	1,930	1,990	60	3.1%	30	30	60	Bachelor's or higher degree + work experience	\$86,645	\$22.33	\$51.32
31-1011	Home Health Aides	860	920	60	7.0%	30	10	40	Short-term on-the-job training	\$18,592	\$6.85	\$9.98
41-2031	Retail Salespersons	6,150	6,210	60	1.0%	30	250	280	Short-term on-the-job training	\$22,838	\$7.04	\$12.95
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,260	2,320	60	2.7%	30	60	90	Moderate-term on-the-job training	\$55,819	\$14.15	\$33.18
15-1031	Computer Software Engineers, Applications	610	660	50	8.2%	30	10	40	Bachelor's degree	\$63,645	\$23.01	\$34.39
31-1012	Nursing Aides, Orderlies, and Attendants	2,760	2,810	50	1.8%	30	30	60	Postsecondary vocational training	\$23,608	\$9.76	\$12.15
31-9092	Medical Assistants	730	780	50	6.8%	30	10	40	Moderate-term on-the-job training	\$27,088	\$10.84	\$14.11
39-9011	Child Care Workers	1,160	1,210	50	4.3%	30	30	60	Short-term on-the-job training	\$18,628	\$7.09	\$9.89
43-4171	Receptionists and Information Clerks	1,860	1,910	50	2.7%	30	50	80	Short-term on-the-job training	\$22,931	\$8.91	\$12.08
13-2011	Accountants and Auditors	1,390	1,430	40	2.9%	20	20	40	Bachelor's degree	\$54,186	\$17.85	\$30.15
35-3011	Bartenders	1,830	1,870	40	2.2%	20	70	90	Short-term on-the-job training	\$16,800	\$6.60	\$8.81
51-2092	Team Assemblers	3,100	3,140	40	1.3%	20	80	100	Moderate-term on-the-job training	\$26,162	\$8.68	\$14.52
15-1051	Computer Systems Analysts	690	720	30	4.3%	20	10	30	Bachelor's degree	\$60,623	\$20.12	\$33.66
15-1081	Network Systems and Data Communications Analysts	230	260	30	13.0%	20	<5	20	Bachelor's degree	\$49,662	\$17.19	\$27.22
21-1093	Social and Human Service Assistants	700	730	30	4.3%	20	10	30	Moderate-term on-the-job training	\$26,453	\$9.62	\$14.26
25-2011	Preschool Teachers, Except Special Education	710	740	30	4.2%	20	10	30	Bachelor's degree	\$27,527	\$8.80	\$15.45
35-2014	Cooks, Restaurant	1,110	1,140	30	2.7%	20	40	60	Long-term on-the-job training	\$20,762	\$7.62	\$11.16
35-2021	Food Preparation Workers	1,000	1,030	30	3.0%	20	50	70	Short-term on-the-job training	\$19,135	\$7.11	\$10.25
37-3011	Landscaping and Groundskeeping Workers	1,010	1,040	30	3.0%	20	20	40	Short-term on-the-job training	\$22,813	\$7.39	\$12.76
47-2073	Operating Engineers and Other Construction Equipment Operators	640	670	30	4.7%	20	20	40	Moderate-term on-the-job training	\$37,374	\$12.55	\$20.68
53-3033	Truck Drivers, Light or Delivery Services	1,530	1,560	30	2.0%	20	10	30	Short-term on-the-job training	\$23,921	\$7.99	\$13.26
11-9111	Medical and Health Services Managers	420	440	20	4.8%	10	10	20	Bachelor's or higher degree + work experience	\$72,479	\$25.36	\$39.59
13-1031	Claims Adjusters, Examiners, and Investigators	650	670	20	3.1%	10	10	20	Long-term on-the-job training	\$50,896	\$18.57	\$27.42
15-1041	Computer Support Specialists	610	630	20	3.3%	10	10	20	Associate degree	\$37,205	\$12.36	\$20.65
21-1014	Mental Health Counselors	370	390	20	5.4%	10	10	20	Master's degree	\$50,215	\$17.76	\$27.33
21-1023	Mental Health and Substance Abuse Social Workers	390	410	20	5.1%	10	10	20	Master's degree	\$40,100	\$12.94	\$22.45
21-2011	Clergy	1,120	1,140	20	1.8%	10	20	30	Master's degree	\$43,375	\$14.40	\$24.08
25-2021	Elementary School Teachers, Except Special Education	1,690	1,710	20	1.2%	10	30	40	Bachelor's degree	\$45,951	*	*
25-9041	Teacher Assistants	1,580	1,600	20	1.3%	10	30	40	Associate degree	\$22,238	*	*
29-1051	Pharmacists	330	350	20	6.1%	10	10	20	First professional degree	\$99,664	\$39.42	\$52.16
29-2021	Dental Hygienists	320	340	20	6.3%	10	<5	10	Associate degree	\$51,072	\$21.72	\$25.97

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
29-2034	Radiologic Technologists and Technicians	400	420	20	5.0%	10	10	20	Associate degree	\$45,067	\$16.34	\$24.33
29-2041	Emergency Medical Technicians and Paramedics	570	590	20	3.5%	10	10	20	Postsecondary vocational training	\$27,641	\$8.82	\$15.52
29-2052	Pharmacy Technicians	420	440	20	4.8%	10	10	20	Moderate-term on-the-job training	\$24,728	\$8.96	\$13.35
29-2061	Licensed Practical and Licensed Vocational Nurses	960	980	20	2.1%	10	20	30	Postsecondary vocational training	\$35,950	\$14.67	\$18.59
29-2071	Medical Records and Health Information Technicians	340	360	20	5.9%	10	10	20	Associate degree	\$29,022	\$10.05	\$15.90
31-9091	Dental Assistants	420	440	20	4.8%	10	10	20	Moderate-term on-the-job training	\$28,588	\$11.56	\$14.83
33-2011	Fire Fighters	650	670	20	3.1%	10	20	30	Long-term on-the-job training	\$28,696	\$8.53	\$16.43
33-3051	Police and Sheriff's Patrol Officers	930	950	20	2.2%	10	20	30	Long-term on-the-job training	\$40,768	\$14.42	\$22.19
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,050	1,070	20	1.9%	10	30	40	Work experience in a related occupation	\$27,447	\$8.87	\$15.36
35-2011	Cooks, Fast Food	700	720	20	2.9%	10	30	40	Short-term on-the-job training	\$16,601	\$6.65	\$8.65

The following occupations are also included in the list but to protect the confidentiality of employers only estimated average annual openings and typical education/training are shown:

21-2021	Directors, Religious Activities and Education	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	30	50	80	Short-term on-the-job training	*	*	*

Sub-set totals	74,880	77,110	2,230	3.0%	1,220	1,930	3,150					
Total, all occupations	206,890	209,690	2,800	1.4%	1,400	5,150	6,550					
Percent of total	36.2%	36.8%	79.6%									

Please see notes on last page

**North Central Wisconsin Occupational Projections, 2006-2008**

Fifty Occupations with the Most Annual Openings

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
41-2011	Cashiers	5,210	5,150	-60	-1.2%	0	340	340	Short-term on-the-job training	\$16,685	\$6.45	\$8.81
41-2031	Retail Salespersons	6,150	6,210	60	1.0%	30	250	280	Short-term on-the-job training	\$22,838	\$7.04	\$12.95
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,940	4,030	90	2.3%	50	220	270	Short-term on-the-job training	\$15,565	\$6.40	\$8.02
35-3031	Waiters and Waitresses	3,450	3,560	110	3.2%	60	200	260	Short-term on-the-job training	\$15,730	\$6.38	\$8.15
29-1111	Registered Nurses	4,840	5,130	290	6.0%	150	90	240	Associate or Bachelor's degree <sup>(6)</sup>	\$55,149	\$20.77	\$29.39
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,410	4,380	-30	-0.7%	0	170	170	Short-term on-the-job training	\$26,695	\$7.84	\$15.33
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,700	5,840	140	2.5%	70	90	160	Moderate-term on-the-job training	\$42,517	\$12.79	\$24.27
43-5081	Stock Clerks and Order Fillers	2,610	2,540	-70	-2.7%	0	130	130	Short-term on-the-job training	\$20,597	\$6.90	\$11.40
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,700	3,790	90	2.4%	50	70	120	Short-term on-the-job training	\$23,487	\$8.03	\$12.92
43-4051	Customer Service Representatives	3,270	3,360	90	2.8%	50	50	100	Moderate-term on-the-job training	\$28,938	\$9.40	\$16.17
51-2092	Team Assemblers	3,100	3,140	40	1.3%	20	80	100	Moderate-term on-the-job training	\$26,162	\$8.68	\$14.52
35-3011	Bartenders	1,830	1,870	40	2.2%	20	70	90	Short-term on-the-job training	\$16,800	\$6.60	\$8.81
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,260	2,320	60	2.7%	30	60	90	Moderate-term on-the-job training	\$55,819	\$14.15	\$33.18
43-4171	Receptionists and Information Clerks	1,860	1,910	50	2.7%	30	50	80	Short-term on-the-job training	\$22,931	\$8.91	\$12.08
43-9061	Office Clerks, General	3,750	3,750	0	0.0%	<5	80	80	Short-term on-the-job training	\$23,578	\$8.16	\$12.93
35-2021	Food Preparation Workers	1,000	1,030	30	3.0%	20	50	70	Short-term on-the-job training	\$19,135	\$7.11	\$10.25
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	530	540	10	1.9%	10	60	70	Short-term on-the-job training	\$17,470	\$6.67	\$9.26
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,280	3,290	10	0.3%	10	60	70	Moderate-term on-the-job training	\$27,271	\$8.85	\$15.24
43-3071	Tellers	980	1,000	20	2.0%	10	60	70	Short-term on-the-job training	\$21,960	\$8.49	\$11.59
11-1021	General and Operations Managers	1,930	1,990	60	3.1%	30	30	60	Bachelor's or higher degree + work experience	\$86,645	\$22.33	\$51.32
31-1012	Nursing Aides, Orderlies, and Attendants	2,760	2,810	50	1.8%	30	30	60	Postsecondary vocational training	\$23,608	\$9.76	\$12.15
35-2014	Cooks, Restaurant	1,110	1,140	30	2.7%	20	40	60	Long-term on-the-job training	\$20,762	\$7.62	\$11.16
39-9011	Child Care Workers	1,160	1,210	50	4.3%	30	30	60	Short-term on-the-job training	\$18,628	\$7.09	\$9.89
39-9021	Personal and Home Care Aides	990	1,060	70	7.1%	40	20	60	Short-term on-the-job training	\$19,692	\$8.15	\$10.12
43-6014	Secretaries, Except Legal, Medical, and Executive	3,430	3,380	-50	-1.5%	0	60	60	Moderate-term on-the-job training	\$26,883	\$9.70	\$14.53
35-9021	Dishwashers	880	900	20	2.3%	10	40	50	Short-term on-the-job training	\$15,240	\$6.40	\$7.79
43-6011	Executive Secretaries and Administrative Assistants	2,240	2,250	10	0.4%	10	40	50	Moderate-term on-the-job training	\$32,965	\$11.46	\$18.04
49-9042	Maintenance and Repair Workers, General	1,990	2,010	20	1.0%	10	40	50	Long-term on-the-job training	\$34,399	\$11.10	\$19.25
53-7064	Packers and Packagers, Hand	1,870	1,880	10	0.5%	10	40	50	Short-term on-the-job training	\$20,271	\$6.86	\$11.19
13-2011	Accountants and Auditors	1,390	1,430	40	2.9%	20	20	40	Bachelor's degree	\$54,186	\$17.85	\$30.15
15-1031	Computer Software Engineers, Applications	610	660	50	8.2%	30	10	40	Bachelor's degree	\$63,645	\$23.01	\$34.39
25-2021	Elementary School Teachers, Except Special Education	1,690	1,710	20	1.2%	10	30	40	Bachelor's degree	\$45,951	*	*
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,140	1,150	10	0.9%	10	30	40	Bachelor's degree	\$45,322	*	*
25-9041	Teacher Assistants	1,580	1,600	20	1.3%	10	30	40	Associate degree	\$22,238	*	*
31-1011	Home Health Aides	860	920	60	7.0%	30	10	40	Short-term on-the-job training	\$18,592	\$6.85	\$9.98
31-9092	Medical Assistants	730	780	50	6.8%	30	10	40	Moderate-term on-the-job training	\$27,088	\$10.84	\$14.11
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,050	1,070	20	1.9%	10	30	40	Work experience in a related occupation	\$27,447	\$8.87	\$15.36
35-2011	Cooks, Fast Food	700	720	20	2.9%	10	30	40	Short-term on-the-job training	\$16,601	\$6.65	\$8.65

SOC Code	Occupational Title	Estimated Employment <sup>(1)</sup>				Estimated Average Annual Openings <sup>(1)</sup>			Typical Education and Training Path <sup>(4)</sup>	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements <sup>(2)</sup>	Total <sup>(3)</sup>		Average Annual Salary <sup>(5)</sup>	Entry Level Hourly Wage <sup>(6)</sup>	Experienced Hourly Wage <sup>(7)</sup>
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	600	610	10	1.7%	10	30	40	Short-term on-the-job training	\$14,770	\$6.39	\$7.46
37-3011	Landscaping and Groundskeeping Workers	1,010	1,040	30	3.0%	20	20	40	Short-term on-the-job training	\$22,813	\$7.39	\$12.76
43-1011	First-Line Supervisors/Managers of Office and	1,810	1,810	0	0.0%	<5	40	40	Work experience in a related occupation	\$43,336	\$13.77	\$24.37
47-2073	Operating Engineers and Other Construction Equipment Operators	640	670	30	4.7%	20	20	40	Moderate-term on-the-job training	\$37,374	\$12.55	\$20.68
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,590	1,610	20	1.3%	10	30	40	Work experience in a related occupation	\$49,660	\$15.45	\$28.09
51-9198	Helpers--Production Workers	1,480	1,470	-10	-0.7%	0	40	40	Short-term on-the-job training	\$26,627	\$8.53	\$14.94
15-1051	Computer Systems Analysts	690	720	30	4.3%	20	10	30	Bachelor's degree	\$60,623	\$20.12	\$33.66
21-1093	Social and Human Service Assistants	700	730	30	4.3%	20	10	30	Moderate-term on-the-job training	\$26,453	\$9.62	\$14.26
21-2011	Clergy	1,120	1,140	20	1.8%	10	20	30	Master's degree	\$43,375	\$14.40	\$24.08
25-2011	Preschool Teachers, Except Special Education	710	740	30	4.2%	20	10	30	Bachelor's degree	\$27,527	\$8.80	\$15.45
29-2061	Licensed Practical and Licensed Vocational Nurses	960	980	20	2.1%	10	20	30	Postsecondary vocational training	\$35,950	\$14.67	\$18.59

The following occupations are also included in the list but to protect the confidentiality of employers only estimated average annual openings and typical education/training are shown:

37-2012	Maids and Housekeeping Cleaners	*	*	*	*	30	50	80	Short-term on-the-job training	*	*	*
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Sub-set totals	*	*	*	*	*							
Total, all occupations	206,890	209,690	2,800	1.4%	1,400	5,150	6,550					
Percent of total	*	*	*	*	*							

Please see notes on last page

## Notes

- (1) **Employment** is a count of jobs rather than people, and includes part- and full-time nonfarm jobs. Employment does not include self-employed, unpaid family, or railroad workers. Employment is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding.
- (2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.
- (3) **Total Openings** are the sum of new jobs and replacements.
- (4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.
  - Short-Term On-the-Job Training:** These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.
  - Moderate-Term On-the-Job Training:** Training for these occupations usually occurs at the workplace and lasts from one to twelve months.
  - Long-Term On-the-Job Training:** These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.
  - Work Experience in Related Occupation:** Occupations in this category require skills and experience gained in other jobs.
  - Postsecondary Vocational Training:** These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.
  - Associate Degree:** This degree requires two years of full-time academic work beyond high school.
  - Bachelor's Degree:** This degree requires four or five years of full-time academic work at a college or university.
  - Master's Degree:** This degree requires one to two years of full-time study beyond a bachelor's degree.
  - Doctoral Degree:** This degree usually requires at least three years of full-time study beyond a bachelor's degree.
  - First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.
  - Bachelor's or Higher Degree, Plus Work Experience:** These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.
- (5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (6) **Entry Level Wage** is the average of the lower third of wages.
- (7) **Experienced Wage** is the average of the upper two-thirds of wages.
- (8) Either a bachelor's or an associate degree is accepted in this occupation. It depends on the specifics of the position and the employer.
- (9) To be considered fastest growing an occupation has to grow at least as fast as all occupations average for this WDA.

\* Information is not available.

Information is derived using 2006 CES (3/06 benchmark), 2006 QCEW, and 2006 OES data. Unpublished data from the US Bureau of Labor Statistics and the US Census Bureau is also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2007 and 2008. It is important to note that unanticipated events may affect the accuracy of the projections.

**Source:** Office of Economic Advisors, Wisconsin Department of Workforce Development, September 2007

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