

Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

Summary Level Occupational Groups

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾	Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
00-0000	Total, All Occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890	\$39,981	\$8.95	\$24.36
11-0000	Management Occupations	31,330	32,160	830	2.6%	420	520	940	\$94,467	\$24.26	\$55.99
13-0000	Business and Financial Operations Occupations	37,590	38,780	1,190	3.2%	600	600	1,200	\$57,851	\$16.28	\$33.58
15-0000	Computer and Mathematical Occupations	18,330	19,260	930	5.1%	470	210	680	\$63,241	\$19.55	\$35.83
17-0000	Architecture and Engineering Occupations	16,390	16,900	510	3.1%	260	360	620	\$60,242	\$18.48	\$34.20
19-0000	Life, Physical, and Social Science Occupations	7,400	7,670	270	3.6%	140	180	320	\$64,501	\$16.92	\$38.05
21-0000	Community and Social Services Occupations	12,010	12,490	480	4.0%	240	210	450	\$40,085	\$12.88	\$22.47
23-0000	Legal Occupations	5,060	5,100	40	0.8%	20	50	70	\$80,518	\$17.39	\$49.37
25-0000	Education, Training, and Library Occupations	42,820	43,530	710	1.7%	360	820	1,180	\$43,282	\$11.49	\$25.47
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	10,890	11,070	180	1.7%	90	200	290	\$42,870	\$11.05	\$25.39
29-0000	Healthcare Practitioners and Technical Occupations	43,090	44,980	1,890	4.4%	950	720	1,670	\$67,246	\$17.13	\$39.93
31-0000	Healthcare Support Occupations	25,570	26,690	1,120	4.4%	560	370	930	\$24,932	\$9.22	\$13.37
33-0000	Protective Service Occupations	12,660	12,770	110	0.9%	60	380	440	\$38,173	\$8.93	\$23.06
35-0000	Food Preparation and Serving Related Occupations	66,250	68,040	1,790	2.7%	900	3,280	4,180	\$18,353	\$6.40	\$10.03
37-0000	Building and Grounds Cleaning and Maintenance Occupations	30,310	31,150	840	2.8%	420	600	1,020	\$23,702	\$7.65	\$13.27
39-0000	Personal Care and Service Occupations	25,790	26,880	1,090	4.2%	550	600	1,150	\$21,805	\$7.49	\$11.98
41-0000	Sales and Related Occupations	79,730	80,370	640	0.8%	320	2,940	3,260	\$40,090	\$7.71	\$25.06
43-0000	Office and Administrative Support Occupations	144,960	145,460	500	0.3%	250	3,380	3,630	\$30,845	\$9.70	\$17.39
45-0000	Farming, Fishing, and Forestry Occupations	730	740	10	1.4%	10	20	30	\$26,501	\$8.71	\$14.76
47-0000	Construction and Extraction Occupations	29,520	30,000	480	1.6%	240	540	780	\$48,279	\$14.78	\$27.43
49-0000	Installation, Maintenance, and Repair Occupations	30,100	30,520	420	1.4%	210	650	860	\$42,325	\$12.90	\$24.07
51-0000	Production Occupations	96,940	97,610	670	0.7%	340	2,250	2,590	\$32,873	\$9.88	\$18.76
53-0000	Transportation and Material Moving Occupations	59,660	60,300	640	1.1%	320	1,370	1,690	\$29,740	\$8.37	\$17.26

Please see notes on last page

Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

Summary by Education/Training Level

Education/Training Level	Number of Occupations	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾
First professional degree	20	9,160	9,370	210	2.3%	110	130	240
Doctoral degree	44	6,130	6,330	200	3.3%	100	150	250
Master's degree	42	15,640	16,190	550	3.5%	280	300	580
Bachelor's or higher degree, plus work experience	34	29,180	29,970	790	2.7%	400	490	890
Bachelor's degree	111	119,060	122,950	3,890	3.3%	1,950	2,090	4,040
Associate degree	39	23,900	24,660	760	3.2%	380	390	770
Postsecondary vocational training	55	47,450	48,140	690	1.5%	350	930	1,280
Work experience in a related occupation	41	42,880	43,580	700	1.6%	350	870	1,220
Long-term on-the-job training	85	57,640	58,650	1,010	1.8%	510	1,290	1,800
Moderate-term on-the-job training	174	186,570	188,730	2,160	1.2%	1,080	3,790	4,870
Short-term on-the-job training	135	289,540	293,910	4,370	1.5%	2,190	10,000	12,190
Total, All Occupations	780	827,150	842,480	15,330	1.9%	7,700	20,430	28,130

Please see notes on last page

Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

 Fastest Growing Occupations⁽⁹⁾ with employment of at least 200 in 2008

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
11-3042	Training and Development Managers	180	200	20	11.1%	10	<5	10	Bachelor's or higher degree + work experience	\$72,085	\$20.23	\$41.87
17-2081	Environmental Engineers	310	340	30	9.7%	20	10	30	Bachelor's degree	\$66,793	\$22.97	\$36.68
15-1081	Network Systems and Data Communications Analysts	1,460	1,600	140	9.6%	70	20	90	Bachelor's degree	\$60,666	\$21.48	\$33.01
29-1071	Physician Assistants	330	360	30	9.1%	20	10	30	Bachelor's degree	\$83,105	\$33.59	\$43.14
39-9021	Personal and Home Care Aides	7,870	8,480	610	7.8%	310	120	430	Short-term on-the-job training	\$19,586	\$7.99	\$10.13
31-1011	Home Health Aides	5,710	6,150	440	7.7%	220	70	290	Short-term on-the-job training	\$21,146	\$8.52	\$10.99
15-1031	Computer Software Engineers, Applications	3,420	3,680	260	7.6%	130	30	160	Bachelor's degree	\$70,249	\$24.41	\$38.45
15-1032	Computer Software Engineers, Systems Software	1,200	1,290	90	7.5%	50	10	60	Bachelor's degree	\$74,304	\$27.51	\$39.83
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	270	290	20	7.4%	10	10	20	Moderate-term on-the-job training	\$44,132	\$16.34	\$23.66
49-9051	Electrical Power-Line Installers and Repairers	550	590	40	7.3%	20	20	40	Long-term on-the-job training	\$59,429	\$23.96	\$30.88
29-2055	Surgical Technologists	690	740	50	7.2%	30	10	40	Postsecondary vocational training	\$44,624	\$17.95	\$23.21
29-2032	Diagnostic Medical Sonographers	290	310	20	6.9%	10	10	20	Associate degree	\$73,263	\$29.44	\$38.11
31-9092	Medical Assistants	2,220	2,370	150	6.8%	80	40	120	Moderate-term on-the-job training	\$27,992	\$10.44	\$14.96
29-2071	Medical Records and Health Information Technicians	1,110	1,180	70	6.3%	40	10	50	Associate degree	\$32,817	\$11.31	\$18.01
15-1071	Network and Computer Systems Administrators	1,800	1,910	110	6.1%	60	20	80	Bachelor's degree	\$61,335	\$20.23	\$34.12
29-1111	Registered Nurses	15,390	16,270	880	5.7%	440	290	730	Associate or Bachelor's degree ⁽⁸⁾	\$59,071	\$23.16	\$31.02
47-4011	Construction and Building Inspectors	350	370	20	5.7%	10	10	20	Work experience in a related occupation	\$52,911	\$17.99	\$29.16
15-1061	Database Administrators	530	560	30	5.7%	20	10	30	Bachelor's degree	\$67,580	\$22.23	\$37.62
31-9094	Medical Transcriptionists	1,250	1,320	70	5.6%	40	20	60	Postsecondary vocational training	\$33,140	\$13.48	\$17.16
25-1081	Education Teachers, Postsecondary	360	380	20	5.6%	10	10	20	Doctoral degree	\$53,130*	*	*
29-2034	Radiologic Technologists and Technicians	1,450	1,530	80	5.5%	40	20	60	Associate degree	\$51,750	\$19.93	\$27.35
25-2011	Preschool Teachers, Except Special Education	2,740	2,890	150	5.5%	80	30	110	Bachelor's degree	\$22,633	\$8.16	\$12.24
29-1126	Respiratory Therapists	550	580	30	5.5%	20	20	40	Associate degree	\$52,066	\$20.98	\$27.06
31-2021	Physical Therapist Assistants	370	390	20	5.4%	10	10	20	Associate degree	\$37,057	\$13.80	\$19.83
29-1123	Physical Therapists	1,130	1,190	60	5.3%	30	10	40	Master's degree	\$63,201	\$23.07	\$34.04
13-1121	Meeting and Convention Planners	190	200	10	5.3%	10	<5	10	Bachelor's degree	\$37,561	\$14.07	\$20.05
31-2011	Occupational Therapist Assistants	190	200	10	5.3%	10	<5	10	Associate degree	\$37,311	\$15.45	\$19.18
39-5092	Manicurists and Pedicurists	190	200	10	5.3%	10	<5	10	Postsecondary vocational training	\$22,473	\$7.61	\$12.40
21-1093	Social and Human Service Assistants	2,090	2,200	110	5.3%	60	30	90	Moderate-term on-the-job training	\$29,538	\$10.59	\$16.01
21-1022	Medical and Public Health Social Workers	770	810	40	5.2%	20	10	30	Master's degree	\$43,928	\$16.13	\$23.61
15-1051	Computer Systems Analysts	3,670	3,860	190	5.2%	100	40	140	Bachelor's degree	\$65,146	\$22.17	\$35.90
39-9011	Child Care Workers	4,670	4,910	240	5.1%	120	140	260	Short-term on-the-job training	\$21,202	\$7.50	\$11.54
13-1111	Management Analysts	1,990	2,090	100	5.0%	50	20	70	Bachelor's or higher degree + work experience	\$56,614	\$15.44	\$33.11
15-2031	Operations Research Analysts	200	210	10	5.0%	10	<5	10	Master's degree	\$58,098	\$19.13	\$32.33
17-2031	Biomedical Engineers	200	210	10	5.0%	10	<5	10	Bachelor's degree	\$82,964	\$29.19	\$45.23
27-2032	Choreographers	200	210	10	5.0%	10	10	20	Work experience in a related occupation	\$34,968	\$9.16	\$20.64
43-4111	Interviewers, Except Eligibility and Loan	1,200	1,260	60	5.0%	30	30	60	Short-term on-the-job training	\$26,003	\$9.12	\$14.19
31-9091	Dental Assistants	1,600	1,680	80	5.0%	40	40	80	Moderate-term on-the-job training	\$28,841	\$11.30	\$15.15
29-2056	Veterinary Technologists and Technicians	410	430	20	4.9%	10	10	20	Associate degree	\$25,144	\$9.99	\$13.14
11-2031	Public Relations Managers	210	220	10	4.8%	10	<5	10	Bachelor's or higher degree + work experience	\$79,357	\$21.77	\$46.34

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		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾

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:

13-1071	Employment, Recruitment, and Placement Specialists	*	*	*	*	40	20	60	Bachelor's degree	*	*	*
15-2011	Actuaries	*	*	*	*	10	10	20	Bachelor's or higher degree + work experience	*	*	*
17-2061	Computer Hardware Engineers	*	*	*	*	20	10	30	Bachelor's degree	*	*	*
27-2042	Musicians and Singers	*	*	*	*	20	10	30	Long-term on-the-job training	*	*	*
31-1013	Psychiatric Aides	*	*	*	*	10	<5	10	Short-term on-the-job training	*	*	*
31-2022	Physical Therapist Aides	*	*	*	*	10	10	20	Short-term on-the-job training	*	*	*
41-9021	Real Estate Brokers	*	*	*	*	10	<5	10	Postsecondary vocational training	*	*	*
41-9022	Real Estate Sales Agents	*	*	*	*	10	10	20	Postsecondary vocational training	*	*	*
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	*	*	*	*	10	10	20	Moderate-term on-the-job training	*	*	*
51-8013	Power Plant Operators	*	*	*	*	10	10	20	Long-term on-the-job training	*	*	*

Sub-set totals	73,520	78,120	4,600	6.3%	2,430	1,240	3,670
Total, all occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890
Percent of total	8.9%	9.3%	30.0%				

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Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

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

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-5081	Stock Clerks and Order Fillers	9,570	9,350	-220	-2.3%	0	480	480	Short-term on-the-job training	\$21,771	\$7.43	\$11.99
41-2011	Cashiers	16,400	16,210	-190	-1.2%	0	1,060	1,060	Short-term on-the-job training	\$17,568	\$6.65	\$9.34
43-6014	Secretaries, Except Legal, Medical, and Executive	12,530	12,410	-120	-1.0%	0	220	220	Moderate-term on-the-job training	\$29,639	\$10.96	\$15.89
43-4071	File Clerks	1,470	1,370	-100	-6.8%	0	50	50	Short-term on-the-job training	\$23,913	\$8.88	\$12.80
43-4151	Order Clerks	1,970	1,880	-90	-4.6%	0	50	50	Short-term on-the-job training	\$30,783	\$10.87	\$16.76
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,240	1,150	-90	-7.3%	0	40	40	Short-term on-the-job training	\$24,664	\$8.98	\$13.30
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,780	3,690	-90	-2.4%	0	80	80	Moderate-term on-the-job training	\$29,625	\$10.02	\$16.35
41-3041	Travel Agents	850	790	-60	-7.1%	0	20	20	Postsecondary vocational training	\$26,106	\$8.99	\$14.33
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	550	500	-50	-9.1%	0	20	20	Short-term on-the-job training	\$29,133	\$10.12	\$15.95
43-9011	Computer Operators	830	780	-50	-6.0%	0	20	20	Moderate-term on-the-job training	\$37,092	\$12.81	\$20.34
53-7061	Cleaners of Vehicles and Equipment	2,060	2,020	-40	-1.9%	0	80	80	Short-term on-the-job training	\$19,752	\$6.66	\$10.91
53-7063	Machine Feeders and Offbearers	1,170	1,130	-40	-3.4%	0	30	30	Short-term on-the-job training	\$27,082	\$9.63	\$14.72
43-4041	Credit Authorizers, Checkers, and Clerks	360	330	-30	-8.3%	0	10	10	Short-term on-the-job training	\$29,657	\$10.04	\$16.37
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	810	780	-30	-3.7%	0	20	20	Postsecondary vocational training	\$49,747	\$20.67	\$25.54
51-6031	Sewing Machine Operators	680	650	-30	-4.4%	0	10	10	Moderate-term on-the-job training	\$22,111	\$8.43	\$11.73
15-1021	Computer Programmers	2,180	2,160	-20	-0.9%	0	50	50	Bachelor's degree	\$66,488	\$21.36	\$37.27
33-3012	Correctional Officers and Jailers	1,100	1,080	-20	-1.8%	0	20	20	Moderate-term on-the-job training	\$38,910	\$15.09	\$20.51
43-5021	Couriers and Messengers	740	720	-20	-2.7%	0	20	20	Short-term on-the-job training	\$21,330	\$6.99	\$11.89
43-5052	Postal Service Mail Carriers	2,500	2,480	-20	-0.8%	0	70	70	Short-term on-the-job training	\$44,089	\$19.38	\$22.11
43-9022	Word Processors and Typists	700	680	-20	-2.9%	0	20	20	Moderate-term on-the-job training	\$29,492	\$11.43	\$15.56
43-9071	Office Machine Operators, Except Computer	470	450	-20	-4.3%	0	10	10	Short-term on-the-job training	\$25,122	\$8.76	\$13.74
49-3011	Aircraft Mechanics and Service Technicians	540	520	-20	-3.7%	0	10	10	Postsecondary vocational training	\$50,956	\$17.87	\$27.81
51-2021	Coil Winders, Tapers, and Finishers	400	380	-20	-5.0%	0	10	10	Short-term on-the-job training	\$26,238	\$10.07	\$13.88
51-2031	Engine and Other Machine Assemblers	670	650	-20	-3.0%	0	20	20	Short-term on-the-job training	\$37,784	\$12.69	\$20.90
51-5022	Prepress Technicians and Workers	1,030	1,010	-20	-1.9%	0	20	20	Postsecondary vocational training	\$38,734	\$12.57	\$21.65
51-9132	Photographic Processing Machine Operators	260	240	-20	-7.7%	0	10	10	Short-term on-the-job training	\$19,710	\$7.32	\$10.56
53-6021	Parking Lot Attendants	570	550	-20	-3.5%	0	20	20	Short-term on-the-job training	\$17,513	\$6.84	\$9.21
11-1031	Legislators	870	860	-10	-1.1%	0	10	10	Bachelor's or higher degree + work experience	\$23,016	\$6.40	\$13.40
13-2041	Credit Analysts	330	320	-10	-3.0%	0	10	10	Bachelor's degree	\$56,759	\$17.13	\$32.37
19-4093	Forest and Conservation Technicians	130	120	-10	-7.7%	0	<5	<5	Associate degree	\$35,149	\$12.91	\$18.89
23-2092	Law Clerks	100	90	-10	-10.0%	0	<5	<5	Bachelor's degree	\$43,179	\$14.71	\$23.78
23-2093	Title Examiners, Abstractors, and Searchers	470	460	-10	-2.1%	0	10	10	Moderate-term on-the-job training	\$33,847	\$11.97	\$18.42
25-4012	Curators	80	70	-10	-12.5%	0	<5	<5	Master's degree	\$47,707	\$14.78	\$27.02
25-4013	Museum Technicians and Conservators	60	50	-10	-16.7%	0	<5	<5	Master's degree	\$37,328	\$11.92	\$20.96
25-4021	Librarians	670	660	-10	-1.5%	0	10	10	Master's degree	\$52,866	\$18.45	\$28.90
27-1023	Floral Designers	290	280	-10	-3.4%	0	<5	<5	Moderate-term on-the-job training	\$24,612	\$8.72	\$13.39
27-3022	Reporters and Correspondents	280	270	-10	-3.6%	0	10	10	Bachelor's or higher degree + work experience	\$49,359	\$13.16	\$29.02
39-3031	Ushers, Lobby Attendants, and Ticket Takers	590	580	-10	-1.7%	0	50	50	Short-term on-the-job training	\$15,403	\$6.40	\$7.91
39-6011	Baggage Porters and Bellhops	120	110	-10	-8.3%	0	<5	<5	Short-term on-the-job training	\$16,288	\$6.35	\$8.57
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	230	220	-10	-4.3%	0	<5	<5	Short-term on-the-job training	\$16,822	\$6.37	\$8.94
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,250	5,240	-10	-0.2%	0	90	90	Work experience in a related occupation	\$41,535	\$12.13	\$23.89

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41-9041	Telemarketers	1,800	1,790	-10	-0.6%	0	30	30	Short-term on-the-job training	\$27,291	\$7.99	\$15.69
43-2011	Switchboard Operators, Including Answering Service	1,100	1,090	-10	-0.9%	0	30	30	Short-term on-the-job training	\$25,748	\$9.18	\$13.98

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	*	*	*
41-2022	Parts Salespersons	*	*	*	*	0	40	40	Moderate-term on-the-job training	*	*	*
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
43-2021	Telephone Operators	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	0	10	10	Bachelor's degree	*	*	*
53-2012	Commercial Pilots	*	*	*	*	0	10	10	Postsecondary vocational training	*	*	*
53-3021	Bus Drivers, Transit and Intercity	*	*	*	*	0	30	30	Moderate-term on-the-job training	*	*	*

Sub-set totals	81,910	80,080	-1,830	-2.2%	0	2,810	2,810
Total, all occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890
Percent of total	9.9%	9.5%					

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Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

Fifty Occupations with the Greatest Employment in 2008

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
41-2031	Retail Salespersons	23,770	24,120	350	1.5%	180	960	1,140	Short-term on-the-job training	\$25,489	\$7.42	\$14.67
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,580	18,030	450	2.6%	230	960	1,190	Short-term on-the-job training	\$16,725	\$6.37	\$8.88
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,430	16,860	430	2.6%	220	310	530	Short-term on-the-job training	\$22,518	\$7.68	\$12.40
29-1111	Registered Nurses	15,390	16,270	880	5.7%	440	290	730	Associate or Bachelor's degree ⁽⁸⁾	\$59,071	\$23.16	\$31.02
41-2011	Cashiers	16,400	16,210	-190	-1.2%	0	1,060	1,060	Short-term on-the-job training	\$17,568	\$6.65	\$9.34
43-9061	Office Clerks, General	15,030	15,140	110	0.7%	60	330	390	Short-term on-the-job training	\$24,744	\$8.20	\$13.74
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,980	15,060	80	0.5%	40	560	600	Short-term on-the-job training	\$25,282	\$8.35	\$14.06
43-4051	Customer Service Representatives	14,350	14,730	380	2.6%	190	210	400	Moderate-term on-the-job training	\$32,964	\$11.02	\$18.26
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,630	13,710	80	0.6%	40	240	280	Moderate-term on-the-job training	\$32,091	\$11.13	\$17.58
35-3031	Waiters and Waitresses	12,600	13,020	420	3.3%	210	740	950	Short-term on-the-job training	\$15,902	\$6.39	\$8.27
43-6014	Secretaries, Except Legal, Medical, and Executive	12,530	12,410	-120	-1.0%	0	220	220	Moderate-term on-the-job training	\$29,639	\$10.96	\$15.89
51-2092	Team Assemblers	11,780	11,940	160	1.4%	80	300	380	Moderate-term on-the-job training	\$27,437	\$9.51	\$15.03
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	11,540	11,850	310	2.7%	160	300	460	Moderate-term on-the-job training	\$64,295	\$17.29	\$37.72
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,550	10,840	290	2.7%	150	160	310	Moderate-term on-the-job training	\$37,915	\$13.60	\$20.54
31-1012	Nursing Aides, Orderlies, and Attendants	10,230	10,440	210	2.1%	110	120	230	Postsecondary vocational training	\$24,247	\$9.50	\$12.74
43-6011	Executive Secretaries and Administrative Assistants	9,920	10,100	180	1.8%	90	170	260	Moderate-term on-the-job training	\$37,691	\$13.45	\$20.46
43-5081	Stock Clerks and Order Fillers	9,570	9,350	-220	-2.3%	0	480	480	Short-term on-the-job training	\$21,771	\$7.43	\$11.99
11-1021	General and Operations Managers	8,340	8,550	210	2.5%	110	140	250	Bachelor's or higher degree + work experience	\$109,222	\$26.04	\$65.74
39-9021	Personal and Home Care Aides	7,870	8,480	610	7.8%	310	120	430	Short-term on-the-job training	\$19,586	\$7.99	\$10.13
43-4171	Receptionists and Information Clerks	8,110	8,320	210	2.6%	110	210	320	Short-term on-the-job training	\$24,845	\$9.03	\$13.40
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,540	7,670	130	1.7%	70	160	230	Moderate-term on-the-job training	\$29,012	\$8.54	\$16.65
13-2011	Accountants and Auditors	7,230	7,520	290	4.0%	150	130	280	Bachelor's degree	\$61,991	\$19.89	\$34.76
25-2021	Elementary School Teachers, Except Special Education	7,300	7,360	60	0.8%	30	140	170	Bachelor's degree	\$50,967	*	*
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,240	7,300	60	0.8%	30	140	170	Work experience in a related occupation	\$47,860	\$15.43	\$26.80
49-9042	Maintenance and Repair Workers, General	7,100	7,250	150	2.1%	80	130	210	Long-term on-the-job training	\$36,922	\$12.60	\$20.33
53-7064	Packers and Packagers, Hand	7,010	7,100	90	1.3%	50	130	180	Short-term on-the-job training	\$21,693	\$6.89	\$12.20
37-2012	Maids and Housekeeping Cleaners	6,430	6,610	180	2.8%	90	130	220	Short-term on-the-job training	\$19,621	\$7.53	\$10.39
25-9041	Teacher Assistants	6,410	6,510	100	1.6%	50	110	160	Associate degree	\$26,148	*	*
53-3033	Truck Drivers, Light or Delivery Services	6,210	6,330	120	1.9%	60	50	110	Short-term on-the-job training	\$26,799	\$8.38	\$15.14
31-1011	Home Health Aides	5,710	6,150	440	7.7%	220	70	290	Short-term on-the-job training	\$21,146	\$8.52	\$10.99
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,960	6,060	100	1.7%	50	110	160	Work experience in a related occupation	\$55,198	\$17.65	\$30.98
35-3011	Bartenders	5,730	5,870	140	2.4%	70	220	290	Short-term on-the-job training	\$19,442	\$6.85	\$10.59
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,400	5,410	10	0.2%	10	140	150	Bachelor's degree	\$53,717	*	*
43-5071	Shipping, Receiving, and Traffic Clerks	5,360	5,370	10	0.2%	10	110	120	Short-term on-the-job training	\$28,536	\$9.84	\$15.66
37-3011	Landscaping and Groundskeeping Workers	5,100	5,260	160	3.1%	80	110	190	Short-term on-the-job training	\$24,692	\$7.79	\$13.91
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	5,250	5,240	-10	-0.2%	0	90	90	Work experience in a related occupation	\$41,535	\$12.13	\$23.89
47-2031	Carpenters	5,060	5,100	40	0.8%	20	70	90	Long-term on-the-job training	\$45,691	\$15.14	\$25.38

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-4041	Machinists	4,800	4,920	120	2.5%	60	110	170	Long-term on-the-job training	\$37,130	\$12.83	\$20.36
39-9011	Child Care Workers	4,670	4,910	240	5.1%	120	140	260	Short-term on-the-job training	\$21,202	\$7.50	\$11.54
43-3071	Tellers	4,600	4,710	110	2.4%	60	260	320	Short-term on-the-job training	\$22,081	\$8.76	\$11.54
33-9032	Security Guards	4,330	4,360	30	0.7%	20	100	120	Short-term on-the-job training	\$25,272	\$8.66	\$13.89
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,230	4,350	120	2.8%	60	110	170	Work experience in a related occupation	\$30,549	\$10.44	\$16.81
35-2014	Cooks, Restaurant	4,040	4,180	140	3.5%	70	160	230	Long-term on-the-job training	\$20,676	\$7.71	\$11.05
51-9198	Helpers--Production Workers	3,820	3,880	60	1.6%	30	110	140	Short-term on-the-job training	\$22,497	\$7.25	\$12.60
15-1051	Computer Systems Analysts	3,670	3,860	190	5.2%	100	40	140	Bachelor's degree	\$65,146	\$22.17	\$35.90
53-7051	Industrial Truck and Tractor Operators	3,760	3,810	50	1.3%	30	70	100	Short-term on-the-job training	\$31,611	\$10.88	\$17.35
35-2021	Food Preparation Workers	3,690	3,790	100	2.7%	50	170	220	Short-term on-the-job training	\$18,483	\$6.99	\$9.83
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,780	3,690	-90	-2.4%	0	80	80	Moderate-term on-the-job training	\$29,625	\$10.02	\$16.35
15-1031	Computer Software Engineers, Applications	3,420	3,680	260	7.6%	130	30	160	Bachelor's degree	\$70,249	\$24.41	\$38.45
25-2022	Middle School Teachers, Except Special and Vocational Education	3,650	3,650	0	0.0%	<5	70	70	Bachelor's degree	\$48,236	*	*

Sub-set totals	419,100	427,330	8,230	2.0%	4,530	11,370	15,900
Total, all occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890
Percent of total	50.7%	50.7%	53.7%				

Please see notes on last page

Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

Fifty Occupations with the Most New Jobs

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-1111	Registered Nurses	15,390	16,270	880	5.7%	440	290	730	Associate or Bachelor's degree ⁽⁶⁾	\$59,071	\$23.16	\$31.02
39-9021	Personal and Home Care Aides	7,870	8,480	610	7.8%	310	120	430	Short-term on-the-job training	\$19,586	\$7.99	\$10.13
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,580	18,030	450	2.6%	230	960	1,190	Short-term on-the-job training	\$16,725	\$6.37	\$8.88
31-1011	Home Health Aides	5,710	6,150	440	7.7%	220	70	290	Short-term on-the-job training	\$21,146	\$8.52	\$10.99
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,430	16,860	430	2.6%	220	310	530	Short-term on-the-job training	\$22,518	\$7.68	\$12.40
35-3031	Waiters and Waitresses	12,600	13,020	420	3.3%	210	740	950	Short-term on-the-job training	\$15,902	\$6.39	\$8.27
43-4051	Customer Service Representatives	14,350	14,730	380	2.6%	190	210	400	Moderate-term on-the-job training	\$32,964	\$11.02	\$18.26
41-2031	Retail Salespersons	23,770	24,120	350	1.5%	180	960	1,140	Short-term on-the-job training	\$25,489	\$7.42	\$14.67
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	11,540	11,850	310	2.7%	160	300	460	Moderate-term on-the-job training	\$64,295	\$17.29	\$37.72
13-2011	Accountants and Auditors	7,230	7,520	290	4.0%	150	130	280	Bachelor's degree	\$61,991	\$19.89	\$34.76
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,550	10,840	290	2.7%	150	160	310	Moderate-term on-the-job training	\$37,915	\$13.60	\$20.54
15-1031	Computer Software Engineers, Applications	3,420	3,680	260	7.6%	130	30	160	Bachelor's degree	\$70,249	\$24.41	\$38.45
39-9011	Child Care Workers	4,670	4,910	240	5.1%	120	140	260	Short-term on-the-job training	\$21,202	\$7.50	\$11.54
11-1021	General and Operations Managers	8,340	8,550	210	2.5%	110	140	250	Bachelor's or higher degree + work experience	\$109,222	\$26.04	\$65.74
31-1012	Nursing Aides, Orderlies, and Attendants	10,230	10,440	210	2.1%	110	120	230	Postsecondary vocational training	\$24,247	\$9.50	\$12.74
43-4171	Receptionists and Information Clerks	8,110	8,320	210	2.6%	110	210	320	Short-term on-the-job training	\$24,845	\$9.03	\$13.40
15-1051	Computer Systems Analysts	3,670	3,860	190	5.2%	100	40	140	Bachelor's degree	\$65,146	\$22.17	\$35.90
37-2012	Maids and Housekeeping Cleaners	6,430	6,610	180	2.8%	90	130	220	Short-term on-the-job training	\$19,621	\$7.53	\$10.39
43-6011	Executive Secretaries and Administrative Assistants	9,920	10,100	180	1.8%	90	170	260	Moderate-term on-the-job training	\$37,691	\$13.45	\$20.46
37-3011	Landscaping and Groundskeeping Workers	5,100	5,260	160	3.1%	80	110	190	Short-term on-the-job training	\$24,692	\$7.79	\$13.91
51-2092	Team Assemblers	11,780	11,940	160	1.4%	80	300	380	Moderate-term on-the-job training	\$27,437	\$9.51	\$15.03
25-2011	Preschool Teachers, Except Special Education	2,740	2,890	150	5.5%	80	30	110	Bachelor's degree	\$22,633	\$8.16	\$12.24
31-9092	Medical Assistants	2,220	2,370	150	6.8%	80	40	120	Moderate-term on-the-job training	\$27,992	\$10.44	\$14.96
49-9042	Maintenance and Repair Workers, General	7,100	7,250	150	2.1%	80	130	210	Long-term on-the-job training	\$36,922	\$12.60	\$20.33
15-1081	Network Systems and Data Communications Analysts	1,460	1,600	140	9.6%	70	20	90	Bachelor's degree	\$60,666	\$21.48	\$33.01
35-2014	Cooks, Restaurant	4,040	4,180	140	3.5%	70	160	230	Long-term on-the-job training	\$20,676	\$7.71	\$11.05
35-3011	Bartenders	5,730	5,870	140	2.4%	70	220	290	Short-term on-the-job training	\$19,442	\$6.85	\$10.59
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,540	7,670	130	1.7%	70	160	230	Moderate-term on-the-job training	\$29,012	\$8.54	\$16.65
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,230	4,350	120	2.8%	60	110	170	Work experience in a related occupation	\$30,549	\$10.44	\$16.81
51-4041	Machinists	4,800	4,920	120	2.5%	60	110	170	Long-term on-the-job training	\$37,130	\$12.83	\$20.36
53-3033	Truck Drivers, Light or Delivery Services	6,210	6,330	120	1.9%	60	50	110	Short-term on-the-job training	\$26,799	\$8.38	\$15.14
15-1071	Network and Computer Systems Administrators	1,800	1,910	110	6.1%	60	20	80	Bachelor's degree	\$61,335	\$20.23	\$34.12
21-1093	Social and Human Service Assistants	2,090	2,200	110	5.3%	60	30	90	Moderate-term on-the-job training	\$29,538	\$10.59	\$16.01
35-9021	Dishwashers	3,280	3,390	110	3.4%	60	160	220	Short-term on-the-job training	\$15,231	\$6.40	\$7.78
43-3071	Tellers	4,600	4,710	110	2.4%	60	260	320	Short-term on-the-job training	\$22,081	\$8.76	\$11.54
43-9061	Office Clerks, General	15,030	15,140	110	0.7%	60	330	390	Short-term on-the-job training	\$24,744	\$8.20	\$13.74
13-1111	Management Analysts	1,990	2,090	100	5.0%	50	20	70	Bachelor's or higher degree + work experience	\$56,614	\$15.44	\$33.11
15-1041	Computer Support Specialists	3,050	3,150	100	3.3%	50	30	80	Associate degree	\$41,713	\$14.31	\$22.93

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-9041	Teacher Assistants	6,410	6,510	100	1.6%	50	110	160	Associate degree	\$26,148		
35-2021	Food Preparation Workers	3,690	3,790	100	2.7%	50	170	220	Short-term on-the-job training	\$18,483	\$6.99	\$9.83
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	5,960	6,060	100	1.7%	50	110	160	Work experience in a related occupation	\$55,198	\$17.65	\$30.98
15-1032	Computer Software Engineers, Systems Software	1,200	1,290	90	7.5%	50	10	60	Bachelor's degree	\$74,304	\$27.51	\$39.83
35-2011	Cooks, Fast Food	3,060	3,150	90	2.9%	50	120	170	Short-term on-the-job training	\$17,796	\$6.46	\$9.61
39-5012	Hairdressers, Hairstylists, and Cosmetologists	3,300	3,390	90	2.7%	50	60	110	Postsecondary vocational training	\$23,221	\$7.73	\$12.88
53-7064	Packers and Packagers, Hand	7,010	7,100	90	1.3%	50	130	180	Short-term on-the-job training	\$21,693	\$6.89	\$12.20
29-2034	Radiologic Technologists and Technicians	1,450	1,530	80	5.5%	40	20	60	Associate degree	\$51,750	\$19.93	\$27.35
31-9091	Dental Assistants	1,600	1,680	80	5.0%	40	40	80	Moderate-term on-the-job training	\$28,841	\$11.30	\$15.15
43-3011	Bill and Account Collectors	1,840	1,920	80	4.3%	40	30	70	Short-term on-the-job training	\$29,394	\$11.24	\$15.58
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,630	13,710	80	0.6%	40	240	280	Moderate-term on-the-job training	\$32,091	\$11.13	\$17.58

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:

13-1071	Employment, Recruitment, and Placement Specialists	*	*	*	*	40	20	60	Bachelor's degree	*	*	*
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Sub-set totals	*	*	*	*	5,130	8,580	13,710					
Total, all occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890					
Percent of total	*	*	*	*								

Please see notes on last page

Milwaukee/WOW Wisconsin Occupational Projections, 2006-2008

Fifty Occupations with the Most Annual Openings

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	17,580	18,030	450	2.6%	230	960	1,190	Short-term on-the-job training	\$16,725	\$6.37	\$8.88
41-2031	Retail Salespersons	23,770	24,120	350	1.5%	180	960	1,140	Short-term on-the-job training	\$25,489	\$7.42	\$14.67
41-2011	Cashiers	16,400	16,210	-190	-1.2%	0	1,060	1,060	Short-term on-the-job training	\$17,568	\$6.65	\$9.34
35-3031	Waiters and Waitresses	12,600	13,020	420	3.3%	210	740	950	Short-term on-the-job training	\$15,902	\$6.39	\$8.27
29-1111	Registered Nurses	15,390	16,270	880	5.7%	440	290	730	Associate or Bachelor's degree ⁽⁶⁾	\$59,071	\$23.16	\$31.02
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	14,980	15,060	80	0.5%	40	560	600	Short-term on-the-job training	\$25,282	\$8.35	\$14.06
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	16,430	16,860	430	2.6%	220	310	530	Short-term on-the-job training	\$22,518	\$7.68	\$12.40
43-5081	Stock Clerks and Order Fillers	9,570	9,350	-220	-2.3%	0	480	480	Short-term on-the-job training	\$21,771	\$7.43	\$11.99
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	11,540	11,850	310	2.7%	160	300	460	Moderate-term on-the-job training	\$64,295	\$17.29	\$37.72
39-9021	Personal and Home Care Aides	7,870	8,480	610	7.8%	310	120	430	Short-term on-the-job training	\$19,586	\$7.99	\$10.13
43-4051	Customer Service Representatives	14,350	14,730	380	2.6%	190	210	400	Moderate-term on-the-job training	\$32,964	\$11.02	\$18.26
43-9061	Office Clerks, General	15,030	15,140	110	0.7%	60	330	390	Short-term on-the-job training	\$24,744	\$8.20	\$13.74
51-2092	Team Assemblers	11,780	11,940	160	1.4%	80	300	380	Moderate-term on-the-job training	\$27,437	\$9.51	\$15.03
43-3071	Tellers	4,600	4,710	110	2.4%	60	260	320	Short-term on-the-job training	\$22,081	\$8.76	\$11.54
43-4171	Receptionists and Information Clerks	8,110	8,320	210	2.6%	110	210	320	Short-term on-the-job training	\$24,845	\$9.03	\$13.40
53-3032	Truck Drivers, Heavy and Tractor-Trailer	10,550	10,840	290	2.7%	150	160	310	Moderate-term on-the-job training	\$37,915	\$13.60	\$20.54
31-1011	Home Health Aides	5,710	6,150	440	7.7%	220	70	290	Short-term on-the-job training	\$21,146	\$8.52	\$10.99
35-3011	Bartenders	5,730	5,870	140	2.4%	70	220	290	Short-term on-the-job training	\$19,442	\$6.85	\$10.59
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,450	2,500	50	2.0%	30	260	290	Short-term on-the-job training	\$16,692	\$6.42	\$8.83
13-2011	Accountants and Auditors	7,230	7,520	290	4.0%	150	130	280	Bachelor's degree	\$61,991	\$19.89	\$34.76
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13,630	13,710	80	0.6%	40	240	280	Moderate-term on-the-job training	\$32,091	\$11.13	\$17.58
39-9011	Child Care Workers	4,670	4,910	240	5.1%	120	140	260	Short-term on-the-job training	\$21,202	\$7.50	\$11.54
43-6011	Executive Secretaries and Administrative Assistants	9,920	10,100	180	1.8%	90	170	260	Moderate-term on-the-job training	\$37,691	\$13.45	\$20.46
11-1021	General and Operations Managers	8,340	8,550	210	2.5%	110	140	250	Bachelor's or higher degree + work experience	\$109,222	\$26.04	\$65.74
31-1012	Nursing Aides, Orderlies, and Attendants	10,230	10,440	210	2.1%	110	120	230	Postsecondary vocational training	\$24,247	\$9.50	\$12.74
35-2014	Cooks, Restaurant	4,040	4,180	140	3.5%	70	160	230	Long-term on-the-job training	\$20,676	\$7.71	\$11.05
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	7,540	7,670	130	1.7%	70	160	230	Moderate-term on-the-job training	\$29,012	\$8.54	\$16.65
35-2021	Food Preparation Workers	3,690	3,790	100	2.7%	50	170	220	Short-term on-the-job training	\$18,483	\$6.99	\$9.83
35-9021	Dishwashers	3,280	3,390	110	3.4%	60	160	220	Short-term on-the-job training	\$15,231	\$6.40	\$7.78
37-2012	Maids and Housekeeping Cleaners	6,430	6,610	180	2.8%	90	130	220	Short-term on-the-job training	\$19,621	\$7.53	\$10.39
43-6014	Secretaries, Except Legal, Medical, and Executive	12,530	12,410	-120	-1.0%	0	220	220	Moderate-term on-the-job training	\$29,639	\$10.96	\$15.89
49-9042	Maintenance and Repair Workers, General	7,100	7,250	150	2.1%	80	130	210	Long-term on-the-job training	\$36,922	\$12.60	\$20.33
37-3011	Landscaping and Groundskeeping Workers	5,100	5,260	160	3.1%	80	110	190	Short-term on-the-job training	\$24,692	\$7.79	\$13.91
53-7064	Packers and Packagers, Hand	7,010	7,100	90	1.3%	50	130	180	Short-term on-the-job training	\$21,693	\$6.89	\$12.20
25-2021	Elementary School Teachers, Except Special Education	7,300	7,360	60	0.8%	30	140	170	Bachelor's degree	\$50,967	*	*
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	4,230	4,350	120	2.8%	60	110	170	Work experience in a related occupation	\$30,549	\$10.44	\$16.81
35-2011	Cooks, Fast Food	3,060	3,150	90	2.9%	50	120	170	Short-term on-the-job training	\$17,796	\$6.46	\$9.61

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2006)		
		2006	2008	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	7,240	7,300	60	0.8%	30	140	170	Work experience in a related occupation	\$47,860	\$15.43	\$26.80
51-4041	Machinists	4,800	4,920	120	2.5%	60	110	170	Long-term on-the-job training	\$37,130	\$12.83	\$20.36
15-1031	Computer Software Engineers, Applications	3,420	3,680	260	7.6%	130	30	160	Bachelor's degree	\$70,249	\$24.41	\$38.45
25-9041	Teacher Assistants	6,410	6,510	100	1.6%	50	110	160	Associate degree	\$26,148	*	*
51-1011	First-Line Supervisors/Managers of Production	5,960	6,060	100	1.7%	50	110	160	Work experience in a related occupation	\$55,198	\$17.65	\$30.98
25-2031	Secondary School Teachers, Except Special and Vocational Education	5,400	5,410	10	0.2%	10	140	150	Bachelor's degree	\$53,717	*	*
41-2021	Counter and Rental Clerks	2,640	2,690	50	1.9%	30	120	150	Short-term on-the-job training	\$25,366	\$7.10	\$14.74
15-1051	Computer Systems Analysts	3,670	3,860	190	5.2%	100	40	140	Bachelor's degree	\$65,146	\$22.17	\$35.90
51-9198	Helpers--Production Workers	3,820	3,880	60	1.6%	30	110	140	Short-term on-the-job training	\$22,497	\$7.25	\$12.60
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	2,260	2,320	60	2.7%	30	100	130	Short-term on-the-job training	\$15,879	\$6.40	\$8.25
31-9092	Medical Assistants	2,220	2,370	150	6.8%	80	40	120	Moderate-term on-the-job training	\$27,992	\$10.44	\$14.96
33-9032	Security Guards	4,330	4,360	30	0.7%	20	100	120	Short-term on-the-job training	\$25,272	\$8.66	\$13.89
43-5071	Shipping, Receiving, and Traffic Clerks	5,360	5,370	10	0.2%	10	110	120	Short-term on-the-job training	\$28,536	\$9.84	\$15.66

Sub-set totals	407,300	415,930	8,630	2.1%	4,700	11,740	16,440
Total, all occupations	827,120	842,460	15,340	1.9%	7,670	20,220	27,890
Percent of total	49.2%	49.4%	56.3%				

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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