

Southeast 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	170,870	173,510	2,640	1.5%	1,320	4,440	5,760	\$35,360	\$8.33	\$21.34
11-0000	Management Occupations	5,650	5,770	120	2.1%	60	100	160	\$87,145	\$21.84	\$51.92
13-0000	Business and Financial Operations Occupations	5,310	5,450	140	2.6%	70	90	160	\$52,389	\$14.37	\$30.59
15-0000	Computer and Mathematical Occupations	1,770	1,850	80	4.5%	40	20	60	\$56,412	\$17.10	\$32.13
17-0000	Architecture and Engineering Occupations	2,730	2,790	60	2.2%	30	60	90	\$57,748	\$18.01	\$32.64
19-0000	Life, Physical, and Social Science Occupations	1,260	1,300	40	3.2%	20	30	50	\$57,541	\$16.84	\$33.08
21-0000	Community and Social Services Occupations	2,090	2,150	60	2.9%	30	40	70	\$39,144	\$11.58	\$22.44
23-0000	Legal Occupations	580	590	10	1.7%	10	10	20	\$59,542	\$14.66	\$35.61
25-0000	Education, Training, and Library Occupations	10,050	10,200	150	1.5%	80	200	280	\$41,385	\$11.69	\$24.00
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,750	1,770	20	1.1%	10	30	40	\$35,668	\$9.20	\$21.12
29-0000	Healthcare Practitioners and Technical Occupations	8,100	8,440	340	4.2%	170	130	300	\$61,450	\$15.85	\$36.39
31-0000	Healthcare Support Occupations	4,940	5,120	180	3.6%	90	70	160	\$25,101	\$9.30	\$13.45
33-0000	Protective Service Occupations	2,820	2,840	20	0.7%	10	90	100	\$38,684	\$11.45	\$22.17
35-0000	Food Preparation and Serving Related Occupations	17,370	17,820	450	2.6%	230	860	1,090	\$18,449	\$6.39	\$10.11
37-0000	Building and Grounds Cleaning and Maintenance Occupations	6,480	6,620	140	2.2%	70	130	200	\$22,450	\$7.32	\$12.53
39-0000	Personal Care and Service Occupations	5,110	5,320	210	4.1%	110	120	230	\$21,125	\$7.08	\$11.69
41-0000	Sales and Related Occupations	16,680	16,790	110	0.7%	60	670	730	\$34,525	\$7.22	\$21.29
43-0000	Office and Administrative Support Occupations	25,100	25,130	30	0.1%	20	620	640	\$28,758	\$8.97	\$16.25
45-0000	Farming, Fishing, and Forestry Occupations	190	190	0	0.0%	<5	10	10	\$21,423	\$6.41	\$12.24
47-0000	Construction and Extraction Occupations	6,800	6,900	100	1.5%	50	120	170	\$43,974	\$12.82	\$25.30
49-0000	Installation, Maintenance, and Repair Occupations	6,630	6,710	80	1.2%	40	150	190	\$39,044	\$11.37	\$22.47
51-0000	Production Occupations	25,930	26,080	150	0.6%	80	600	680	\$31,617	\$9.24	\$18.18
53-0000	Transportation and Material Moving Occupations	13,540	13,700	160	1.2%	80	310	390	\$27,839	\$8.03	\$16.06

Please see notes on last page

Southeast 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	1,540	1,590	50	3.2%	30	30	60
Doctoral degree	44	1,410	1,460	50	3.5%	30	40	70
Master's degree	40	2,810	2,890	80	2.8%	40	60	100
Bachelor's or higher degree, plus work experience	33	4,960	5,060	100	2.0%	50	100	150
Bachelor's degree	108	19,860	20,370	510	2.6%	260	390	650
Associate degree	38	4,360	4,490	130	3.0%	70	80	150
Postsecondary vocational training	54	9,710	9,870	160	1.6%	80	210	290
Work experience in a related occupation	40	9,240	9,360	120	1.3%	60	200	260
Long-term on-the-job training	84	13,180	13,380	200	1.5%	100	320	420
Moderate-term on-the-job training	163	39,320	39,720	400	1.0%	200	850	1,050
Short-term on-the-job training	133	64,470	65,330	860	1.3%	430	2,370	2,800
Total, All Occupations	757	170,860	173,520	2,660	1.6%	1,350	4,650	6,000

Please see notes on last page

Southeast 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⁾
39-9021	Personal and Home Care Aides	1,130	1,220	90	8.0%	50	20	70	Short-term on-the-job training	\$19,031	\$7.85	\$9.80
13-1071	Employment, Recruitment, and Placement Specialists	190	200	10	5.3%	10	<5	10	Bachelor's degree	\$47,276	\$15.44	\$26.38
29-2071	Medical Records and Health Information Technicians	190	200	10	5.3%	10	<5	10	Associate degree	\$33,313	\$11.21	\$18.42
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	190	200	10	5.3%	10	10	20	Moderate-term on-the-job training	\$36,427	\$10.05	\$21.25
11-9111	Medical and Health Services Managers	200	210	10	5.0%	10	<5	10	Bachelor's or higher degree + work experience	\$80,836	\$27.32	\$44.64
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	200	210	10	5.0%	10	10	20	Bachelor's degree	\$47,286	*	*
51-2041	Structural Metal Fabricators and Fitters	200	210	10	5.0%	10	10	20	Moderate-term on-the-job training	\$34,497	\$11.99	\$18.88
21-1093	Social and Human Service Assistants	400	420	20	5.0%	10	10	20	Moderate-term on-the-job training	\$29,000	\$10.00	\$15.91
31-9092	Medical Assistants	400	420	20	5.0%	10	10	20	Moderate-term on-the-job training	\$27,119	\$11.01	\$14.05
29-1111	Registered Nurses	2,830	2,970	140	4.9%	70	50	120	Associate or Bachelor's degree ⁽⁸⁾	\$57,460	\$23.19	\$29.84
11-9041	Engineering Managers	210	220	10	4.8%	10	<5	10	Bachelor's or higher degree + work experience	\$99,339	\$34.52	\$54.38
13-1111	Management Analysts	210	220	10	4.8%	10	<5	10	Bachelor's or higher degree + work experience	\$64,700	\$18.36	\$37.48
15-1031	Computer Software Engineers, Applications	210	220	10	4.8%	10	<5	10	Bachelor's degree	\$73,278	\$23.13	\$41.28
39-1021	First-Line Supervisors/Managers of Personal Service Workers	210	220	10	4.8%	10	10	20	Work experience in a related occupation	\$37,630	\$13.15	\$20.56
39-9011	Child Care Workers	850	890	40	4.7%	20	30	50	Short-term on-the-job training	\$17,801	\$7.15	\$9.26
29-2052	Pharmacy Technicians	430	450	20	4.7%	10	10	20	Moderate-term on-the-job training	\$24,543	\$9.37	\$13.01
29-1123	Physical Therapists	220	230	10	4.5%	10	<5	10	Master's degree	\$65,503	\$25.50	\$34.49
31-9094	Medical Transcriptionists	220	230	10	4.5%	10	<5	10	Postsecondary vocational training	\$31,788	\$12.83	\$16.51
43-3051	Payroll and Timekeeping Clerks	230	240	10	4.3%	10	10	20	Moderate-term on-the-job training	\$31,613	\$11.51	\$17.04
43-4111	Interviewers, Except Eligibility and Loan	230	240	10	4.3%	10	10	20	Short-term on-the-job training	\$26,848	\$10.39	\$14.17
53-3041	Taxi Drivers and Chauffeurs	230	240	10	4.3%	10	<5	10	Short-term on-the-job training	\$18,843	\$6.63	\$10.27
15-1071	Network and Computer Systems Administrators	240	250	10	4.2%	10	<5	10	Bachelor's degree	\$58,706	\$17.58	\$33.55
25-2011	Preschool Teachers, Except Special Education	490	510	20	4.1%	10	10	20	Bachelor's degree	\$20,962	\$8.05	\$11.09
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	250	260	10	4.0%	10	10	20	Work experience in a related occupation	\$34,302	\$11.41	\$19.03
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	250	260	10	4.0%	10	<5	10	Long-term on-the-job training	\$51,758	\$16.48	\$29.08
51-6011	Laundry and Dry-Cleaning Workers	250	260	10	4.0%	10	10	20	Moderate-term on-the-job training	\$20,280	\$7.13	\$11.06
29-2034	Radiologic Technologists and Technicians	260	270	10	3.8%	10	10	20	Associate degree	\$46,466	\$15.91	\$25.55
11-9051	Food Service Managers	270	280	10	3.7%	10	<5	10	Work experience in a related occupation	\$43,101	\$13.76	\$24.20
43-3011	Bill and Account Collectors	270	280	10	3.7%	10	10	20	Short-term on-the-job training	\$31,018	\$11.91	\$16.42
51-3011	Bakers	270	280	10	3.7%	10	10	20	Long-term on-the-job training	\$23,440	\$8.18	\$12.81
47-2073	Operating Engineers and Other Construction Equipment Operators	540	560	20	3.7%	10	10	20	Moderate-term on-the-job training	\$48,786	\$18.81	\$25.77
13-2011	Accountants and Auditors	1,110	1,150	40	3.6%	20	20	40	Bachelor's degree	\$58,595	\$19.27	\$32.62
35-2015	Cooks, Short Order	280	290	10	3.6%	10	10	20	Short-term on-the-job training	\$17,301	\$6.38	\$9.29
13-1051	Cost Estimators	290	300	10	3.4%	10	10	20	Bachelor's degree	\$50,079	\$16.02	\$28.11
47-2051	Cement Masons and Concrete Finishers	290	300	10	3.4%	10	10	20	Moderate-term on-the-job training	\$39,191	\$13.05	\$21.74
35-9021	Dishwashers	870	900	30	3.4%	20	40	60	Short-term on-the-job training	\$15,172	\$6.39	\$7.75
39-9031	Fitness Trainers and Aerobics Instructors	300	310	10	3.3%	10	10	20	Postsecondary vocational training	\$21,217	\$7.01	\$11.79
35-3031	Waiters and Waitresses	3,470	3,580	110	3.2%	60	200	260	Short-term on-the-job training	\$18,420	\$6.38	\$10.09
29-2021	Dental Hygienists	320	330	10	3.1%	10	<5	10	Associate degree	\$64,363	\$24.80	\$34.01

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39-5012	Hairdressers, Hairstylists, and Cosmetologists	970	1,000	30	3.1%	20	20	40	Postsecondary vocational training	\$24,268	\$8.20	\$13.40
51-4041	Machinists	1,320	1,360	40	3.0%	20	30	50	Long-term on-the-job training	\$35,740	\$10.93	\$20.31
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	340	350	10	2.9%	10	10	20	Postsecondary vocational training	\$37,736	\$13.00	\$20.71
15-1051	Computer Systems Analysts	350	360	10	2.9%	10	<5	10	Bachelor's degree	\$60,110	\$19.64	\$33.53
21-1021	Child, Family, and School Social Workers	350	360	10	2.9%	10	10	20	Master's degree	\$40,775	\$13.51	\$22.65
37-3011	Landscaping and Groundskeeping Workers	1,100	1,130	30	2.7%	20	20	40	Short-term on-the-job training	\$21,765	\$7.75	\$11.82
11-3051	Industrial Production Managers	370	380	10	2.7%	10	10	20	Bachelor's or higher degree + work experience	\$85,756	\$25.75	\$48.97

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:

25-1191	Graduate Teaching Assistants	*	*	*	*	10	10	20	Bachelor's degree	*	*	*
31-1011	Home Health Aides	*	*	*	*	40	10	50	Short-term on-the-job training	*	*	*
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	*	*	*	*	20	30	50	Work experience in a related occupation	*	*	*
35-9031	Coffee Shop	*	*	*	*	10	20	30	Short-term on-the-job training	*	*	*

Sub-set totals	26,640	27,740	1,100	4.1%	750	730	1,480
Total, all occupations	170,870	173,510	2,640	1.5%	1,320	4,440	5,760
Percent of total	15.6%	16.0%	41.7%				

Please see notes on last page

Southeast 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⁾
41-2011	Cashiers	4,370	4,320	-50	-1.1%	0	280	280	Short-term on-the-job training	\$17,347	\$6.47	\$9.28
43-5081	Stock Clerks and Order Fillers	2,360	2,310	-50	-2.1%	0	120	120	Short-term on-the-job training	\$20,766	\$7.06	\$11.45
43-4151	Order Clerks	370	340	-30	-8.1%	0	10	10	Short-term on-the-job training	\$31,528	\$10.25	\$17.61
43-6014	Secretaries, Except Legal, Medical, and Executive	2,280	2,250	-30	-1.3%	0	40	40	Moderate-term on-the-job training	\$27,565	\$10.02	\$14.87
43-4071	File Clerks	240	220	-20	-8.3%	0	10	10	Short-term on-the-job training	\$22,009	\$8.20	\$11.77
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	920	900	-20	-2.2%	0	20	20	Moderate-term on-the-job training	\$28,265	\$9.43	\$15.67
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,160	1,140	-20	-1.7%	0	30	30	Moderate-term on-the-job training	\$31,886	\$11.33	\$17.33
11-1031	Legislators	240	230	-10	-4.2%	0	<5	<5	Bachelor's or higher degree + work experience	\$20,300	\$6.44	\$11.42
25-4021	Librarians	160	150	-10	-6.3%	0	<5	<5	Master's degree	\$47,807	\$18.28	\$25.34
33-3012	Correctional Officers and Jailers	460	450	-10	-2.2%	0	10	10	Moderate-term on-the-job training	\$36,158	\$14.96	\$18.60
41-3041	Travel Agents	110	100	-10	-9.1%	0	<5	<5	Postsecondary vocational training	\$29,132	\$9.46	\$16.28
43-3021	Billing and Posting Clerks and Machine Operators	540	530	-10	-1.9%	0	10	10	Moderate-term on-the-job training	\$29,639	\$10.31	\$16.22
43-4041	Credit Authorizers, Checkers, and Clerks	70	60	-10	-14.3%	0	<5	<5	Short-term on-the-job training	\$32,356	\$11.54	\$17.56
43-4131	Loan Interviewers and Clerks	230	220	-10	-4.3%	0	<5	<5	Short-term on-the-job training	\$30,816	\$11.41	\$16.52
43-9022	Word Processors and Typists	120	110	-10	-8.3%	0	<5	<5	Moderate-term on-the-job training	\$30,236	\$11.39	\$16.11
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	130	120	-10	-7.7%	0	<5	<5	Short-term on-the-job training	\$23,953	\$9.57	\$12.49
49-2011	Computer, Automated Teller, and Office Machine Repairers	80	70	-10	-12.5%	0	<5	<5	Postsecondary vocational training	\$34,262	\$12.43	\$18.49
49-3021	Automotive Body and Related Repairers	270	260	-10	-3.7%	0	10	10	Long-term on-the-job training	\$36,913	\$13.82	\$19.71
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4.3%	0	10	10	Moderate-term on-the-job training	\$27,228	\$9.58	\$14.84
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	440	430	-10	-2.3%	0	10	10	Moderate-term on-the-job training	\$33,059	\$11.20	\$18.24
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	100	90	-10	-10.0%	0	<5	<5	Moderate-term on-the-job training	\$20,361	\$7.30	\$11.03
53-7063	Machine Feeders and Offbearers	300	290	-10	-3.3%	0	10	10	Short-term on-the-job training	\$27,133	\$9.32	\$14.91

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:

41-2022	Parts Salespersons	*	*	*	*	0	10	10	Moderate-term on-the-job training	*	*	*
43-2011	Switchboard Operators, Including Answering Service	*	*	*	*	0	10	10	Short-term on-the-job training	*	*	*
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
43-9081	Proofreaders and Copy Markers	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
49-3093	Tire Repairers and Changers	*	*	*	*	0	10	10	Short-term on-the-job training	*	*	*
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	*	*	*	*	0	10	10	Moderate-term on-the-job training	*	*	*
51-9111	Packaging and Filling Machine Operators and Tenders	*	*	*	*	0	30	30	Short-term on-the-job training	*	*	*
51-9132	Photographic Processing Machine Operators	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*
53-6021	Parking Lot Attendants	*	*	*	*	0	<5	<5	Short-term on-the-job training	*	*	*

Sub-set totals	17,670	17,200	-470	-2.7%	0	640	640
Total, all occupations	170,870	173,510	2,640	1.5%	1,320	4,440	5,760
Percent of total	10.3%	9.9%					

Please see notes on last page

Southeast 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	5,490	5,560	70	1.3%	40	220	260	Short-term on-the-job training	\$25,163	\$7.18	\$14.56
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,450	4,560	110	2.5%	60	240	300	Short-term on-the-job training	\$16,200	\$6.37	\$8.50
41-2011	Cashiers	4,370	4,320	-50	-1.1%	0	280	280	Short-term on-the-job training	\$17,347	\$6.47	\$9.28
51-2092	Team Assemblers	3,530	3,590	60	1.7%	30	90	120	Moderate-term on-the-job training	\$24,970	\$8.37	\$13.82
35-3031	Waiters and Waitresses	3,470	3,580	110	3.2%	60	200	260	Short-term on-the-job training	\$18,420	\$6.38	\$10.09
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,430	3,450	20	0.6%	10	130	140	Short-term on-the-job training	\$23,880	\$7.83	\$13.30
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,260	3,340	80	2.5%	40	60	100	Short-term on-the-job training	\$21,871	\$7.03	\$12.25
29-1111	Registered Nurses	2,830	2,970	140	4.9%	70	50	120	Associate or Bachelor's degree ⁽⁸⁾	\$57,460	\$23.19	\$29.84
43-9061	Office Clerks, General	2,590	2,600	10	0.4%	10	60	70	Short-term on-the-job training	\$23,970	\$7.79	\$13.39
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,430	2,490	60	2.5%	30	40	70	Moderate-term on-the-job training	\$40,344	\$14.63	\$21.78
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,450	2,470	20	0.8%	10	40	50	Moderate-term on-the-job training	\$30,005	\$10.24	\$16.52
43-5081	Stock Clerks and Order Fillers	2,360	2,310	-50	-2.1%	0	120	120	Short-term on-the-job training	\$20,766	\$7.06	\$11.45
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,240	2,300	60	2.7%	30	60	90	Moderate-term on-the-job training	\$71,791	\$15.44	\$44.05
43-6014	Secretaries, Except Legal, Medical, and Executive	2,280	2,250	-30	-1.3%	0	40	40	Moderate-term on-the-job training	\$27,565	\$10.02	\$14.87
31-1012	Nursing Aides, Orderlies, and Attendants	2,120	2,150	30	1.4%	20	30	50	Postsecondary vocational training	\$24,405	\$9.89	\$12.65
43-4051	Customer Service Representatives	1,950	2,000	50	2.6%	30	30	60	Moderate-term on-the-job training	\$31,128	\$10.13	\$17.38
53-7064	Packers and Packagers, Hand	1,790	1,810	20	1.1%	10	30	40	Short-term on-the-job training	\$20,895	\$6.55	\$11.79
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,770	1,800	30	1.7%	20	40	60	Moderate-term on-the-job training	\$32,335	\$10.03	\$18.30
25-2021	Elementary School Teachers, Except Special Education	1,750	1,760	10	0.6%	10	30	40	Bachelor's degree	\$43,126	*	*
35-3011	Bartenders	1,680	1,720	40	2.4%	20	70	90	Short-term on-the-job training	\$18,266	\$6.93	\$9.71
11-1021	General and Operations Managers	1,610	1,640	30	1.9%	20	30	50	Bachelor's or higher degree + work experience	\$99,911	\$25.69	\$59.21
43-6011	Executive Secretaries and Administrative Assistants	1,600	1,630	30	1.9%	20	30	50	Moderate-term on-the-job training	\$36,826	\$12.29	\$20.41
49-9042	Maintenance and Repair Workers, General	1,560	1,600	40	2.6%	20	30	50	Long-term on-the-job training	\$33,390	\$10.12	\$19.02
43-4171	Receptionists and Information Clerks	1,560	1,590	30	1.9%	20	40	60	Short-term on-the-job training	\$23,419	\$8.45	\$12.66
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,520	1,550	30	2.0%	20	30	50	Work experience in a related occupation	\$53,095	\$16.71	\$29.93
25-9041	Teacher Assistants	1,480	1,500	20	1.4%	10	30	40	Associate degree	\$23,039	*	*
51-4041	Machinists	1,320	1,360	40	3.0%	20	30	50	Long-term on-the-job training	\$35,740	\$10.93	\$20.31
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,330	1,330	0	0.0%	<5	40	40	Bachelor's degree	\$45,824	*	*
47-2031	Carpenters	1,300	1,300	0	0.0%	<5	20	20	Long-term on-the-job training	\$36,391	\$11.54	\$20.47
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,250	1,250	0	0.0%	<5	20	20	Work experience in a related occupation	\$38,325	\$11.87	\$21.70
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,240	1,240	0	0.0%	<5	20	20	Work experience in a related occupation	\$43,983	\$14.27	\$24.59
39-9021	Personal and Home Care Aides	1,130	1,220	90	8.0%	50	20	70	Short-term on-the-job training	\$19,031	\$7.85	\$9.80
43-5071	Shipping, Receiving, and Traffic Clerks	1,220	1,220	0	0.0%	<5	20	20	Short-term on-the-job training	\$27,105	\$9.11	\$14.99
13-2011	Accountants and Auditors	1,110	1,150	40	3.6%	20	20	40	Bachelor's degree	\$58,595	\$19.27	\$32.62
35-2014	Cooks, Restaurant	1,120	1,150	30	2.7%	20	50	70	Long-term on-the-job training	\$22,241	\$8.01	\$12.04
53-3033	Truck Drivers, Light or Delivery Services	1,130	1,150	20	1.8%	10	10	20	Short-term on-the-job training	\$25,293	\$7.85	\$14.31

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⁾
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,160	1,140	-20	-1.7%	0	30	30	Moderate-term on-the-job training	\$31,886	\$11.33	\$17.33
37-3011	Landscaping and Groundskeeping Workers	1,100	1,130	30	2.7%	20	20	40	Short-term on-the-job training	\$21,765	\$7.75	\$11.82
53-7051	Industrial Truck and Tractor Operators	1,040	1,050	10	1.0%	10	20	30	Short-term on-the-job training	\$26,996	\$9.32	\$14.81
39-5012	Hairdressers, Hairstylists, and Cosmetologists	970	1,000	30	3.1%	20	20	40	Postsecondary vocational training	\$24,268	\$8.20	\$13.40
49-3023	Automotive Service Technicians and Mechanics	950	950	0	0.0%	<5	30	30	Postsecondary vocational training	\$35,240	\$11.26	\$19.78
35-2021	Food Preparation Workers	920	940	20	2.2%	10	40	50	Short-term on-the-job training	\$18,960	\$7.11	\$10.12
51-9198	Helpers--Production Workers	900	910	10	1.1%	10	30	40	Short-term on-the-job training	\$20,852	\$7.24	\$11.42
25-2022	Middle School Teachers, Except Special and Vocational Education	900	900	0	0.0%	<5	20	20	Bachelor's degree	\$42,613	*	*
35-9021	Dishwashers	870	900	30	3.4%	20	40	60	Short-term on-the-job training	\$15,172	\$6.39	\$7.75
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	920	900	-20	-2.2%	0	20	20	Moderate-term on-the-job training	\$28,265	\$9.43	\$15.67

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:

31-1011	Home Health Aides	*	*	*	*	40	10	50	Short-term on-the-job training	*	*	*
	First-Line Supervisors/Managers of Food Preparation and Serving Workers	*	*	*	*	20	30	50	Work experience in a related occupation	*	*	*
35-1012	Preparation and Serving Workers											
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	20	30	50	Short-term on-the-job training	*	*	*
51-9111	Packaging and Filling Machine Operators and Tenders	*	*	*	*	0	30	30	Short-term on-the-job training	*	*	*

Sub-set totals	92,450	93,840	1,390	1.5%	900	2,670	3,570					
Total, all occupations	170,870	173,510	2,640	1.5%	1,320	4,440	5,760					
Percent of total	54.1%	54.1%	52.7%									

Please see notes on last page

Southeast 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	2,830	2,970	140	4.9%	70	50	120	Associate or Bachelor's degree ⁽⁶⁾	\$57,460	\$23.19	\$29.84
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,450	4,560	110	2.5%	60	240	300	Short-term on-the-job training	\$16,200	\$6.37	\$8.50
35-3031	Waiters and Waitresses	3,470	3,580	110	3.2%	60	200	260	Short-term on-the-job training	\$18,420	\$6.38	\$10.09
39-9021	Personal and Home Care Aides	1,130	1,220	90	8.0%	50	20	70	Short-term on-the-job training	\$19,031	\$7.85	\$9.80
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,260	3,340	80	2.5%	40	60	100	Short-term on-the-job training	\$21,871	\$7.03	\$12.25
41-2031	Retail Salespersons	5,490	5,560	70	1.3%	40	220	260	Short-term on-the-job training	\$25,163	\$7.18	\$14.56
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,240	2,300	60	2.7%	30	60	90	Moderate-term on-the-job training	\$71,791	\$15.44	\$44.05
51-2092	Team Assemblers	3,530	3,590	60	1.7%	30	90	120	Moderate-term on-the-job training	\$24,970	\$8.37	\$13.82
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,430	2,490	60	2.5%	30	40	70	Moderate-term on-the-job training	\$40,344	\$14.63	\$21.78
43-4051	Customer Service Representatives	1,950	2,000	50	2.6%	30	30	60	Moderate-term on-the-job training	\$31,128	\$10.13	\$17.38
13-2011	Accountants and Auditors	1,110	1,150	40	3.6%	20	20	40	Bachelor's degree	\$58,595	\$19.27	\$32.62
35-3011	Bartenders	1,680	1,720	40	2.4%	20	70	90	Short-term on-the-job training	\$18,266	\$6.93	\$9.71
39-9011	Child Care Workers	850	890	40	4.7%	20	30	50	Short-term on-the-job training	\$17,801	\$7.15	\$9.26
49-9042	Maintenance and Repair Workers, General	1,560	1,600	40	2.6%	20	30	50	Long-term on-the-job training	\$33,390	\$10.12	\$19.02
51-4041	Machinists	1,320	1,360	40	3.0%	20	30	50	Long-term on-the-job training	\$35,740	\$10.93	\$20.31
11-1021	General and Operations Managers	1,610	1,640	30	1.9%	20	30	50	Bachelor's or higher degree + work experience	\$99,911	\$25.69	\$59.21
31-1012	Nursing Aides, Orderlies, and Attendants	2,120	2,150	30	1.4%	20	30	50	Postsecondary vocational training	\$24,405	\$9.89	\$12.65
35-2014	Cooks, Restaurant	1,120	1,150	30	2.7%	20	50	70	Long-term on-the-job training	\$22,241	\$8.01	\$12.04
35-9021	Dishwashers	870	900	30	3.4%	20	40	60	Short-term on-the-job training	\$15,172	\$6.39	\$7.75
37-3011	Landscaping and Groundskeeping Workers	1,100	1,130	30	2.7%	20	20	40	Short-term on-the-job training	\$21,765	\$7.75	\$11.82
39-5012	Hairdressers, Hairstylists, and Cosmetologists	970	1,000	30	3.1%	20	20	40	Postsecondary vocational training	\$24,268	\$8.20	\$13.40
43-4171	Receptionists and Information Clerks	1,560	1,590	30	1.9%	20	40	60	Short-term on-the-job training	\$23,419	\$8.45	\$12.66
43-6011	Executive Secretaries and Administrative Assistants	1,600	1,630	30	1.9%	20	30	50	Moderate-term on-the-job training	\$36,826	\$12.29	\$20.41
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,520	1,550	30	2.0%	20	30	50	Work experience in a related occupation	\$53,095	\$16.71	\$29.93
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,770	1,800	30	1.7%	20	40	60	Moderate-term on-the-job training	\$32,335	\$10.03	\$18.30
21-1093	Social and Human Service Assistants	400	420	20	5.0%	10	10	20	Moderate-term on-the-job training	\$29,000	\$10.00	\$15.91
25-2011	Preschool Teachers, Except Special Education	490	510	20	4.1%	10	10	20	Bachelor's degree	\$20,962	\$8.05	\$11.09
25-9041	Teacher Assistants	1,480	1,500	20	1.4%	10	30	40	Associate degree	\$23,039	*	*
29-2052	Pharmacy Technicians	430	450	20	4.7%	10	10	20	Moderate-term on-the-job training	\$24,543	\$9.37	\$13.01
31-9092	Medical Assistants	400	420	20	5.0%	10	10	20	Moderate-term on-the-job training	\$27,119	\$11.01	\$14.05
35-2011	Cooks, Fast Food	800	820	20	2.5%	10	30	40	Short-term on-the-job training	\$16,513	\$6.72	\$8.55
35-2021	Food Preparation Workers	920	940	20	2.2%	10	40	50	Short-term on-the-job training	\$18,960	\$7.11	\$10.12
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,450	2,470	20	0.8%	10	40	50	Moderate-term on-the-job training	\$30,005	\$10.24	\$16.52
47-2073	Operating Engineers and Other Construction Equipment Operators	540	560	20	3.7%	10	10	20	Moderate-term on-the-job training	\$48,786	\$18.81	\$25.77
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	840	860	20	2.4%	10	10	20	Moderate-term on-the-job training	\$36,123	\$11.81	\$20.14
51-4121	Welders, Cutters, Solderers, and Brazers	820	840	20	2.4%	10	20	30	Postsecondary vocational training	\$33,445	\$11.75	\$18.24
53-3033	Truck Drivers, Light or Delivery Services	1,130	1,150	20	1.8%	10	10	20	Short-term on-the-job training	\$25,293	\$7.85	\$14.31

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⁾
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,430	3,450	20	0.6%	10	130	140	Short-term on-the-job training	\$23,880	\$7.83	\$13.30
53-7064	Packers and Packagers, Hand	1,790	1,810	20	1.1%	10	30	40	Short-term on-the-job training	\$20,895	\$6.55	\$11.79
11-3011	Administrative Services Managers	140	150	10	7.1%	10	<5	10	Bachelor's or higher degree + work experience	\$64,126	\$21.88	\$35.31
11-3021	Computer and Information Systems Managers	160	170	10	6.3%	10	<5	10	Bachelor's or higher degree + work experience	\$92,819	\$30.27	\$51.80
11-3051	Industrial Production Managers	370	380	10	2.7%	10	10	20	Bachelor's or higher degree + work experience	\$85,756	\$25.75	\$48.97
11-9041	Engineering Managers	210	220	10	4.8%	10	<5	10	Bachelor's or higher degree + work experience	\$99,339	\$34.52	\$54.38
11-9051	Food Service Managers	270	280	10	3.7%	10	<5	10	Work experience in a related occupation	\$43,101	\$13.76	\$24.20
11-9111	Medical and Health Services Managers	200	210	10	5.0%	10	<5	10	Bachelor's or higher degree + work experience	\$80,836	\$27.32	\$44.64
13-1022	Wholesale and Retail Buyers, Except Farm Products	130	140	10	7.7%	10	<5	10	Bachelor's degree	\$45,754	\$12.30	\$26.85

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:

31-1011	Home Health Aides	*	*	*	*	40	10	50	Short-term on-the-job training	*	*	*
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	*	*	*	*	20	30	50	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	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	20	30	50	Short-term on-the-job training	*	*	*

Sub-set totals	73,010	74,840	1,830	2.5%	1,040	2,010	3,050					
Total, all occupations	170,870	173,510	2,640	1.5%	1,320	4,440	5,760					
Percent of total	42.7%	43.1%	69.3%									

Please see notes on last page

Southeast 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	4,450	4,560	110	2.5%	60	240	300	Short-term on-the-job training	\$16,200	\$6.37	\$8.50
41-2011	Cashiers	4,370	4,320	-50	-1.1%	0	280	280	Short-term on-the-job training	\$17,347	\$6.47	\$9.28
35-3031	Waiters and Waitresses	3,470	3,580	110	3.2%	60	200	260	Short-term on-the-job training	\$18,420	\$6.38	\$10.09
41-2031	Retail Salespersons	5,490	5,560	70	1.3%	40	220	260	Short-term on-the-job training	\$25,163	\$7.18	\$14.56
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	3,430	3,450	20	0.6%	10	130	140	Short-term on-the-job training	\$23,880	\$7.83	\$13.30
29-1111	Registered Nurses	2,830	2,970	140	4.9%	70	50	120	Associate or Bachelor's degree ⁽⁶⁾	\$57,460	\$23.19	\$29.84
43-5081	Stock Clerks and Order Fillers	2,360	2,310	-50	-2.1%	0	120	120	Short-term on-the-job training	\$20,766	\$7.06	\$11.45
51-2092	Team Assemblers	3,530	3,590	60	1.7%	30	90	120	Moderate-term on-the-job training	\$24,970	\$8.37	\$13.82
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,260	3,340	80	2.5%	40	60	100	Short-term on-the-job training	\$21,871	\$7.03	\$12.25
35-3011	Bartenders	1,680	1,720	40	2.4%	20	70	90	Short-term on-the-job training	\$18,266	\$6.93	\$9.71
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,240	2,300	60	2.7%	30	60	90	Moderate-term on-the-job training	\$71,791	\$15.44	\$44.05
35-2014	Cooks, Restaurant	1,120	1,150	30	2.7%	20	50	70	Long-term on-the-job training	\$22,241	\$8.01	\$12.04
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	590	600	10	1.7%	10	60	70	Short-term on-the-job training	\$15,231	\$6.37	\$7.80
39-9021	Personal and Home Care Aides	1,130	1,220	90	8.0%	50	20	70	Short-term on-the-job training	\$19,031	\$7.85	\$9.80
43-9061	Office Clerks, General	2,590	2,600	10	0.4%	10	60	70	Short-term on-the-job training	\$23,970	\$7.79	\$13.39
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,430	2,490	60	2.5%	30	40	70	Moderate-term on-the-job training	\$40,344	\$14.63	\$21.78
35-9021	Dishwashers	870	900	30	3.4%	20	40	60	Short-term on-the-job training	\$15,172	\$6.39	\$7.75
43-3071	Tellers	820	830	10	1.2%	10	50	60	Short-term on-the-job training	\$22,639	\$9.28	\$11.68
43-4051	Customer Service Representatives	1,950	2,000	50	2.6%	30	30	60	Moderate-term on-the-job training	\$31,128	\$10.13	\$17.38
43-4171	Receptionists and Information Clerks	1,560	1,590	30	1.9%	20	40	60	Short-term on-the-job training	\$23,419	\$8.45	\$12.66
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,770	1,800	30	1.7%	20	40	60	Moderate-term on-the-job training	\$32,335	\$10.03	\$18.30
11-1021	General and Operations Managers	1,610	1,640	30	1.9%	20	30	50	Bachelor's or higher degree + work experience	\$99,911	\$25.69	\$59.21
31-1012	Nursing Aides, Orderlies, and Attendants	2,120	2,150	30	1.4%	20	30	50	Postsecondary vocational training	\$24,405	\$9.89	\$12.65
35-2021	Food Preparation Workers	920	940	20	2.2%	10	40	50	Short-term on-the-job training	\$18,960	\$7.11	\$10.12
39-9011	Child Care Workers	850	890	40	4.7%	20	30	50	Short-term on-the-job training	\$17,801	\$7.15	\$9.26
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,450	2,470	20	0.8%	10	40	50	Moderate-term on-the-job training	\$30,005	\$10.24	\$16.52
43-6011	Executive Secretaries and Administrative Assistants	1,600	1,630	30	1.9%	20	30	50	Moderate-term on-the-job training	\$36,826	\$12.29	\$20.41
49-9042	Maintenance and Repair Workers, General	1,560	1,600	40	2.6%	20	30	50	Long-term on-the-job training	\$33,390	\$10.12	\$19.02
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,520	1,550	30	2.0%	20	30	50	Work experience in a related occupation	\$53,095	\$16.71	\$29.93
51-4041	Machinists	1,320	1,360	40	3.0%	20	30	50	Long-term on-the-job training	\$35,740	\$10.93	\$20.31
13-2011	Accountants and Auditors	1,110	1,150	40	3.6%	20	20	40	Bachelor's degree	\$58,595	\$19.27	\$32.62
25-2021	Elementary School Teachers, Except Special Education	1,750	1,760	10	0.6%	10	30	40	Bachelor's degree	\$43,126	*	*
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,330	1,330	0	0.0%	<5	40	40	Bachelor's degree	\$45,824	*	*
25-9041	Teacher Assistants	1,480	1,500	20	1.4%	10	30	40	Associate degree	\$23,039	*	*
35-2011	Cooks, Fast Food	800	820	20	2.5%	10	30	40	Short-term on-the-job training	\$16,513	\$6.72	\$8.55
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	600	610	10	1.7%	10	30	40	Short-term on-the-job training	\$14,375	\$6.40	\$7.16
37-3011	Landscaping and Groundskeeping Workers	1,100	1,130	30	2.7%	20	20	40	Short-term on-the-job training	\$21,765	\$7.75	\$11.82

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⁾
39-5012	Hairdressers, Hairstylists, and Cosmetologists	970	1,000	30	3.1%	20	20	40	Postsecondary vocational training	\$24,268	\$8.20	\$13.40
41-2021	Counter and Rental Clerks	570	580	10	1.8%	10	30	40	Short-term on-the-job training	\$21,699	\$6.99	\$12.15
43-6014	Secretaries, Except Legal, Medical, and Executive	2,280	2,250	-30	-1.3%	0	40	40	Moderate-term on-the-job training	\$27,565	\$10.02	\$14.87
51-9198	Helpers--Production Workers	900	910	10	1.1%	10	30	40	Short-term on-the-job training	\$20,852	\$7.24	\$11.42
53-7064	Packers and Packagers, Hand	1,790	1,810	20	1.1%	10	30	40	Short-term on-the-job training	\$20,895	\$6.55	\$11.79
33-3051	Police and Sheriff's Patrol Officers	680	690	10	1.5%	10	20	30	Long-term on-the-job training	\$47,454	\$16.90	\$25.77
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	150	160	10	6.7%	10	20	30	Short-term on-the-job training	\$18,121	\$7.14	\$9.50
49-3023	Automotive Service Technicians and Mechanics	950	950	0	0.0%	<5	30	30	Postsecondary vocational training	\$35,240	\$11.26	\$19.78
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,160	1,140	-20	-1.7%	0	30	30	Moderate-term on-the-job training	\$31,886	\$11.33	\$17.33

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:

31-1011	Home Health Aides	*	*	*	*	40	10	50	Short-term on-the-job training	*	*	*
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	*	*	*	*	20	30	50	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	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	20	30	50	Short-term on-the-job training	*	*	*

Sub-set totals	87,580	89,120	1,540	1.8%	980	2,780	3,760
Total, all occupations	170,870	173,510	2,640	1.5%	1,320	4,440	5,760
Percent of total	51.3%	51.4%	58.3%				

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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