

# Bay Area 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>308,700</b>	<b>312,790</b>	<b>4,090</b>	<b>1.3%</b>	<b>2,050</b>	<b>7,800</b>	<b>9,850</b>	<b>\$35,132</b>	<b>\$8.64</b>	<b>\$21.01</b>
11-0000	Management Occupations	10,530	10,740	210	2.0%	110	180	290	\$83,190	\$19.54	\$50.22
13-0000	Business and Financial Operations Occupations	10,810	11,080	270	2.5%	140	180	320	\$50,441	\$13.79	\$29.48
15-0000	Computer and Mathematical Occupations	4,040	4,220	180	4.5%	90	50	140	\$57,470	\$17.54	\$32.68
17-0000	Architecture and Engineering Occupations	5,200	5,320	120	2.3%	60	120	180	\$56,315	\$17.83	\$31.70
19-0000	Life, Physical, and Social Science Occupations	2,040	2,090	50	2.5%	30	50	80	\$53,698	\$14.87	\$31.29
21-0000	Community and Social Services Occupations	3,180	3,270	90	2.8%	50	50	100	\$42,962	\$12.81	\$24.58
23-0000	Legal Occupations	980	990	10	1.0%	10	10	20	\$56,222	\$14.64	\$33.22
25-0000	Education, Training, and Library Occupations	14,100	14,310	210	1.5%	110	270	380	\$41,140	\$11.58	\$23.88
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,370	3,400	30	0.9%	20	60	80	\$36,580	\$10.08	\$21.34
29-0000	Healthcare Practitioners and Technical Occupations	15,080	15,700	620	4.1%	310	250	560	\$59,284	\$14.98	\$35.26
31-0000	Healthcare Support Occupations	8,900	9,210	310	3.5%	160	130	290	\$25,929	\$9.58	\$13.91
33-0000	Protective Service Occupations	5,260	5,310	50	1.0%	30	160	190	\$35,164	\$9.05	\$20.83
35-0000	Food Preparation and Serving Related Occupations	27,000	27,700	700	2.6%	350	1,320	1,670	\$18,138	\$6.45	\$9.85
37-0000	Building and Grounds Cleaning and Maintenance Occupations	10,670	10,940	270	2.5%	140	210	350	\$21,579	\$7.38	\$11.87
39-0000	Personal Care and Service Occupations	7,580	7,870	290	3.8%	150	190	340	\$20,688	\$7.34	\$11.25
41-0000	Sales and Related Occupations	28,590	28,720	130	0.5%	70	1,130	1,200	\$32,211	\$7.29	\$19.59
43-0000	Office and Administrative Support Occupations	47,760	47,790	30	0.1%	20	1,140	1,160	\$28,738	\$9.33	\$16.06
45-0000	Farming, Fishing, and Forestry Occupations	570	580	10	1.8%	10	20	30	\$27,972	\$7.93	\$16.21
47-0000	Construction and Extraction Occupations	13,790	13,960	170	1.2%	90	250	340	\$41,341	\$13.10	\$23.26
49-0000	Installation, Maintenance, and Repair Occupations	12,850	12,920	70	0.5%	40	280	320	\$39,039	\$12.49	\$21.91
51-0000	Production Occupations	49,350	49,370	20	0.0%	10	1,160	1,170	\$31,934	\$10.30	\$17.88
53-0000	Transportation and Material Moving Occupations	27,050	27,290	240	0.9%	120	610	730	\$30,043	\$8.43	\$17.45

Please see notes on last page

## Bay Area 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	2,670	2,750	80	3.0%	40	40	80
Doctoral degree	44	1,990	2,060	70	3.5%	40	50	90
Master's degree	40	4,570	4,690	120	2.6%	60	90	150
Bachelor's or higher degree, plus work experience	34	9,460	9,650	190	2.0%	100	160	260
Bachelor's degree	110	35,760	36,720	960	2.7%	480	670	1,150
Associate degree	38	7,130	7,340	210	2.9%	110	130	240
Postsecondary vocational training	54	17,320	17,580	260	1.5%	130	350	480
Work experience in a related occupation	43	16,770	16,950	180	1.1%	90	350	440
Long-term on-the-job training	85	26,500	26,810	310	1.2%	160	610	770
Moderate-term on-the-job training	173	77,790	78,320	530	0.7%	270	1,620	1,890
Short-term on-the-job training	135	108,740	109,930	1,190	1.1%	600	3,920	4,520
<b>Total, All Occupations</b>	<b>776</b>	<b>308,700</b>	<b>312,800</b>	<b>4,100</b>	<b>1.3%</b>	<b>2,080</b>	<b>7,990</b>	<b>10,070</b>

Please see notes on last page

**Bay Area Wisconsin Occupational Projections, 2006-2008**

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

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	320	350	30	9.4%	20	<5	20	Bachelor's degree	\$62,220	\$19.11	\$35.32
29-2055	Surgical Technologists	240	260	20	8.3%	10	<5	10	Postsecondary vocational training	\$38,881	\$15.25	\$20.42
15-1031	Computer Software Engineers, Applications	630	680	50	7.9%	30	10	40	Bachelor's degree	\$70,211	\$25.23	\$38.02
43-4111	Interviewers, Except Eligibility and Loar	410	440	30	7.3%	20	10	30	Short-term on-the-job training	\$24,755	\$9.30	\$13.20
39-9021	Personal and Home Care Aides	1,570	1,680	110	7.0%	60	20	80	Short-term on-the-job training	\$20,199	\$7.80	\$10.67
31-9092	Medical Assistants	780	830	50	6.4%	30	10	40	Moderate-term on-the-job training	\$27,262	\$11.03	\$14.15
29-2034	Radiologic Technologists and Technicians	480	510	30	6.3%	20	10	30	Associate degree	\$45,609	\$16.40	\$24.69
19-3021	Market Research Analysts	330	350	20	6.1%	10	10	20	Master's degree	\$54,376	\$16.16	\$31.13
25-2011	Preschool Teachers, Except Special Education	670	710	40	6.0%	20	10	30	Bachelor's degree	\$26,364	\$8.82	\$14.60
29-1111	Registered Nurses	5,340	5,630	290	5.4%	150	100	250	Associate or Bachelor's degree <sup>(8)</sup>	\$56,597	\$21.36	\$30.14
29-2071	Medical Records and Health Information Technicians	370	390	20	5.4%	10	10	20	Associate degree	\$30,983	\$10.24	\$17.22
21-1015	Rehabilitation Counselors	190	200	10	5.3%	10	<5	10	Master's degree	\$33,307	\$10.77	\$18.63
29-1126	Respiratory Therapists	190	200	10	5.3%	10	10	20	Associate degree	\$46,312	\$18.33	\$24.23
45-2093	Farmworkers, Farm and Ranch Animals	190	200	10	5.3%	10	10	20	Short-term on-the-job training	\$17,176	\$6.37	\$9.20
11-9111	Medical and Health Services Managers	390	410	20	5.1%	10	10	20	Bachelor's or higher degree + work experience	\$73,400	\$25.41	\$40.23
19-3031	Clinical, Counseling, and School Psychologists	200	210	10	5.0%	10	<5	10	Doctoral degree	\$63,520	\$17.41	\$37.10
47-2021	Brickmasons and Blockmasons	200	210	10	5.0%	10	<5	10	Long-term on-the-job training	\$43,499	\$14.63	\$24.05
29-1123	Physical Therapists	400	420	20	5.0%	10	<5	10	Master's degree	\$64,457	\$24.53	\$34.22
43-3011	Bill and Account Collectors	610	640	30	4.9%	20	10	30	Short-term on-the-job training	\$28,409	\$9.78	\$15.59
11-9051	Food Service Managers	410	430	20	4.9%	10	10	20	Work experience in a related occupation	\$40,827	\$13.06	\$22.91
13-1072	Compensation, Benefits, and Job Analysis Specialists	210	220	10	4.8%	10	<5	10	Bachelor's degree	\$48,912	\$15.68	\$27.43
33-9091	Crossing Guards	210	220	10	4.8%	10	10	20	Short-term on-the-job training	\$22,361	\$7.69	\$12.28
51-9031	Cutters and Trimmers, Hand	210	220	10	4.8%	10	10	20	Short-term on-the-job training	\$29,795	\$11.41	\$15.78
31-9091	Dental Assistants	640	670	30	4.7%	20	20	40	Moderate-term on-the-job training	\$31,677	\$12.54	\$16.58
39-9011	Child Care Workers	1,520	1,590	70	4.6%	40	50	90	Short-term on-the-job training	\$19,402	\$7.60	\$10.19
31-9094	Medical Transcriptionists	440	460	20	4.5%	10	10	20	Postsecondary vocational training	\$29,763	\$11.81	\$15.56
15-1051	Computer Systems Analysts	890	930	40	4.5%	20	10	30	Bachelor's degree	\$58,226	\$19.05	\$32.46
17-3026	Industrial Engineering Technicians	230	240	10	4.3%	10	10	20	Associate degree	\$40,443	\$15.19	\$21.57
21-1022	Medical and Public Health Social Workers	230	240	10	4.3%	10	<5	10	Master's degree	\$44,175	\$15.99	\$23.86
47-2181	Roofers	230	240	10	4.3%	10	10	20	Moderate-term on-the-job training	\$27,015	\$9.04	\$14.96
13-1111	Management Analysts	460	480	20	4.3%	10	10	20	Bachelor's or higher degree + work experience	\$55,530	\$17.41	\$31.34
17-2112	Industrial Engineers	690	720	30	4.3%	20	20	40	Bachelor's degree	\$64,742	\$23.53	\$34.92
15-1071	Network and Computer Systems Administrators	470	490	20	4.3%	10	10	20	Bachelor's degree	\$53,917	\$18.00	\$29.88
23-2011	Paralegals and Legal Assistants	240	250	10	4.2%	10	<5	10	Associate degree	\$37,062	\$14.62	\$19.42
51-2022	Electrical and Electronic Equipment Assemblers	240	250	10	4.2%	10	10	20	Short-term on-the-job training	\$32,965	\$10.66	\$18.44
29-1051	Pharmacists	480	500	20	4.2%	10	10	20	First professional degree	\$103,906	\$43.41	\$53.23
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	250	260	10	4.0%	10	10	20	Postsecondary vocational training	\$40,200	\$15.74	\$21.12
29-2021	Dental Hygienists	510	530	20	3.9%	10	<5	10	Associate degree	\$57,653	\$25.62	\$28.77
25-3021	Self-Enrichment Education Teachers	260	270	10	3.8%	10	<5	10	Work experience in a related occupation	\$29,761	\$8.76	\$17.08
29-1062	Family and General Practitioners	260	270	10	3.8%	10	<5	10	First professional degree	\$170,576	*	*
29-1122	Occupational Therapists	270	280	10	3.7%	10	<5	10	Master's degree	\$54,004	\$18.91	\$29.49
35-1011	Chefs and Head Cooks	270	280	10	3.7%	10	10	20	Postsecondary vocational training	\$31,226	\$9.27	\$17.88

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49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	540	560	20	3.7%	10	10	20	Long-term on-the-job training	\$40,190	\$13.33	\$22.32
13-1071	Employment, Recruitment, and Placement Specialists	280	290	10	3.6%	10	<5	10	Bachelor's degree	\$43,362	\$12.61	\$24.96
17-3023	Electrical and Electronic Engineering Technicians	280	290	10	3.6%	10		20	Associate degree	\$44,163	\$16.81	\$23.45

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:

15-1032	Computer Software Engineers, Systems Software	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
25-1071	Health Specialties Teachers, Postsecondary	*	*	*	*	10	10	20	Master's degree	*	*	*
31-1011	Home Health Aides	*	*	*	*	50		20	Short-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	*	*	*	*	10		10	Short-term on-the-job training	*	*	*
51-9081	Dental Laboratory Technicians	*	*	*	*	10		10	Long-term on-the-job training	*	*	*

Sub-set totals	26,730	28,150	1,420	5.3%	880	520	1,400					
Total, all occupations	308,700	312,790	4,090	1.3%	2,050	7,800	9,850					
Percent of total	8.7%	9.0%	34.7%									

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**Bay Area 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>
41-2011	Cashiers	7,480	7,400	-80	-1.1%	0	480	480	Short-term on-the-job training	\$17,004	\$6.55	\$8.99
43-5081	Stock Clerks and Order Fillers	3,670	3,590	-80	-2.2%	0	180	180	Short-term on-the-job training	\$23,276	\$7.33	\$13.12
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,000	1,930	-70	-3.5%	0	40	40	Moderate-term on-the-job training	\$37,578	\$13.33	\$20.44
43-6014	Secretaries, Except Legal, Medical, and Executive	4,120	4,070	-50	-1.2%	0	70	70	Moderate-term on-the-job training	\$26,909	\$9.81	\$14.50
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,380	1,340	-40	-2.9%	0	30	30	Moderate-term on-the-job training	\$30,562	\$11.04	\$16.52
43-4071	File Clerks	470	440	-30	-6.4%	0	20	20	Short-term on-the-job training	\$22,188	\$8.50	\$11.75
43-4151	Order Clerks	710	680	-30	-4.2%	0	20	20	Short-term on-the-job training	\$29,391	\$10.89	\$15.75
51-9111	Packaging and Filling Machine Operators and Tenders	1,830	1,800	-30	-1.6%	0	40	40	Short-term on-the-job training	\$24,693	\$8.33	\$13.64
53-7063	Machine Feeders and Offbearers	810	780	-30	-3.7%	0	20	20	Short-term on-the-job training	\$25,674	\$8.97	\$14.03
43-5041	Meter Readers, Utilities	140	120	-20	-14.3%	0	<5	<5	Short-term on-the-job training	\$30,954	\$10.57	\$17.04
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	330	310	-20	-6.1%	0	10	10	Short-term on-the-job training	\$22,922	\$8.30	\$12.38
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	580	560	-20	-3.4%	0	20	20	Moderate-term on-the-job training	\$26,666	\$9.51	\$14.47
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	640	620	-20	-3.1%	0	10	10	Moderate-term on-the-job training	\$32,703	\$12.28	\$17.45
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,250	6,230	-20	-0.3%	0	240	240	Short-term on-the-job training	\$24,479	\$7.83	\$13.74
17-3011	Architectural and Civil Drafters	220	210	-10	-4.5%	0	10	10	Postsecondary vocational training	\$37,422	\$13.94	\$20.02
21-1092	Probation Officers and Correctional Treatment Specialists	90	80	-10	-11.1%	0	<5	<5	Bachelor's degree	\$43,032	\$17.27	\$22.40
25-4021	Librarians	260	250	-10	-3.8%	0	10	10	Master's degree	\$46,713	\$15.36	\$26.01
27-1023	Floral Designers	200	190	-10	-5.0%	0	<5	<5	Moderate-term on-the-job training	\$23,883	\$9.05	\$12.70
29-1125	Recreational Therapists	60	50	-10	-16.7%	0	<5	<5	Bachelor's degree	\$34,640	\$11.94	\$19.01
33-3012	Correctional Officers and Jailers	570	560	-10	-1.8%	0	10	10	Moderate-term on-the-job training	\$36,945	\$14.94	\$19.17
33-9032	Security Guards	1,020	1,010	-10	-1.0%	0	20	20	Short-term on-the-job training	\$22,495	\$8.39	\$12.03
35-2012	Cooks, Institution and Cafeteria	810	800	-10	-1.2%	0	30	30	Long-term on-the-job training	\$22,518	\$8.85	\$11.81
39-3031	Ushers, Lobby Attendants, and Ticket Takers	170	160	-10	-5.9%	0	10	10	Short-term on-the-job training	\$13,768	\$6.36	\$6.75
39-6031	Flight Attendants	20	10	-10	-50.0%	0	<5	<5	Long-term on-the-job training	*	*	*
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,040	2,030	-10	-0.5%	0	30	30	Work experience in a related occupation	\$35,698	\$11.10	\$20.19
41-3041	Travel Agents	120	110	-10	-8.3%	0	<5	<5	Postsecondary vocational training	\$28,797	\$10.82	\$15.36
43-4041	Credit Authorizers, Checkers, and Clerks	90	80	-10	-11.1%	0	<5	<5	Short-term on-the-job training	\$34,573	\$12.12	\$18.87
43-9011	Computer Operators	190	180	-10	-5.3%	0	<5	<5	Moderate-term on-the-job training	\$35,762	\$12.58	\$19.50
43-9022	Word Processors and Typists	260	250	-10	-3.8%	0	10	10	Moderate-term on-the-job training	\$28,465	\$12.45	\$14.30
43-9071	Office Machine Operators, Except Computer	130	120	-10	-7.7%	0	<5	<5	Short-term on-the-job training	\$24,292	\$8.79	\$13.13
47-2061	Construction Laborers	1,270	1,260	-10	-0.8%	0	20	20	Moderate-term on-the-job training	\$34,883	\$11.26	\$19.53
49-9043	Maintenance Workers, Machinery	360	350	-10	-2.8%	0	10	10	Short-term on-the-job training	\$37,569	\$13.06	\$20.56
49-9044	Millwrights	270	260	-10	-3.7%	0	10	10	Long-term on-the-job training	\$47,113	\$19.34	\$24.31
51-2023	Electromechanical Equipment Assemblers	130	120	-10	-7.7%	0	<5	<5	Short-term on-the-job training	\$35,200	\$12.35	\$19.21
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	330	320	-10	-3.0%	0	10	10	Moderate-term on-the-job training	\$34,362	\$11.39	\$19.09

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51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	950	940	-10	-1.1%	0	20	20	Moderate-term on-the-job training	\$31,915	\$12.16	\$16.93
51-5022	Prepress Technicians and Workers	340	330	-10	-2.9%	0	10	10	Postsecondary vocational training	\$31,701	\$11.61	\$17.05
51-6031	Sewing Machine Operators	350	340	-10	-2.9%	0	<5	<5	Moderate-term on-the-job training	\$22,917	\$8.61	\$12.22
51-6093	Upholsterers	110	100	-10	-9.1%	0	<5	<5	Long-term on-the-job training	\$27,080	\$9.89	\$14.58
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	390	380	-10	-2.6%	0	10	10	Moderate-term on-the-job training	\$25,259	\$9.53	\$13.45
51-9022	Grinding and Polishing Workers, Hand	340	330	-10	-2.9%	0	10	10	Moderate-term on-the-job training	\$30,558	\$11.25	\$16.41
51-9132	Photographic Processing Machine Operators	100	90	-10	-10.0%	0	<5	<5	Short-term on-the-job training	\$18,772	\$6.79	\$10.14

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	20	20	Moderate-term on-the-job training	*	*	*
43-5011	Cargo and Freight Agents	*	*	*	*	0	<5	<5	Moderate-term on-the-job training	*	*	*
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	*	*	*	*	0	10	10	Short-term on-the-job training	*	*	*
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	*	*	*	*	0	10	10	Moderate-term on-the-job training	*	*	*
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*
51-8013	Power Plant Operators	*	*	*	*	0	10	10	Long-term on-the-job training	*	*	*
51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*
51-8092	Gas Plant Operators	*	*	*	*	0	<5	<5	Long-term on-the-job training	*	*	*

Sub-set totals	43,170	42,260	-910	-2.1%	0	1,460	1,460
Total, all occupations	308,700	312,790	4,090	1.3%	2,050	7,800	9,850
Percent of total	14.0%	13.5%					

Please see notes on last page

**Bay Area 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	8,580	8,670	90	1.0%	50	350	400	Short-term on-the-job training	\$24,117	\$7.18	\$13.80
53-3032	Truck Drivers, Heavy and Tractor-Trailer	7,480	7,650	170	2.3%	90	110	200	Moderate-term on-the-job training	\$40,407	\$13.77	\$22.26
41-2011	Cashiers	7,480	7,400	-80	-1.1%	0	480	480	Short-term on-the-job training	\$17,004	\$6.55	\$8.99
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,180	6,340	160	2.6%	80	340	420	Short-term on-the-job training	\$16,538	\$6.39	\$8.73
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,250	6,230	-20	-0.3%	0	240	240	Short-term on-the-job training	\$24,479	\$7.83	\$13.74
35-3031	Waiters and Waitresses	5,640	5,810	170	3.0%	90	330	420	Short-term on-the-job training	\$16,588	\$6.39	\$8.77
29-1111	Registered Nurses	5,340	5,630	290	5.4%	150	100	250	Associate or Bachelor's degree <sup>(8)</sup>	\$56,597	\$21.36	\$30.14
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,200	5,330	130	2.5%	70	100	170	Short-term on-the-job training	\$21,524	\$7.54	\$11.75
51-2092	Team Assemblers	4,910	4,970	60	1.2%	30	130	160	Moderate-term on-the-job training	\$24,977	\$8.89	\$13.57
43-9061	Office Clerks, General	4,830	4,840	10	0.2%	10	110	120	Short-term on-the-job training	\$23,528	\$8.10	\$12.92
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,580	4,580	0	0.0%	<5	80	80	Moderate-term on-the-job training	\$28,821	\$10.09	\$15.74
43-4051	Customer Service Representatives	4,440	4,560	120	2.7%	60	60	120	Moderate-term on-the-job training	\$29,253	\$10.72	\$15.74
31-1012	Nursing Aides, Orderlies, and Attendants	4,100	4,150	50	1.2%	30	50	80	Postsecondary vocational training	\$24,678	\$9.83	\$12.88
43-6014	Secretaries, Except Legal, Medical, and Executive	4,120	4,070	-50	-1.2%	0	70	70	Moderate-term on-the-job training	\$26,909	\$9.81	\$14.50
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,780	3,860	80	2.1%	40	100	140	Moderate-term on-the-job training	\$62,898	\$15.95	\$37.38
43-5081	Stock Clerks and Order Fillers	3,670	3,590	-80	-2.2%	0	180	180	Short-term on-the-job training	\$23,276	\$7.33	\$13.12
49-9042	Maintenance and Repair Workers, General	3,050	3,090	40	1.3%	20	50	70	Long-term on-the-job training	\$35,279	\$11.98	\$19.45
43-6011	Executive Secretaries and Administrative Assistants	3,040	3,080	40	1.3%	20	50	70	Moderate-term on-the-job training	\$34,057	\$12.21	\$18.46
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,060	3,080	20	0.7%	10	60	70	Work experience in a related occupation	\$50,512	\$16.56	\$28.15
35-3011	Bartenders	2,940	3,010	70	2.4%	40	110	150	Short-term on-the-job training	\$17,558	\$7.06	\$9.13
11-1021	General and Operations Managers	2,950	3,000	50	1.7%	30	50	80	Bachelor's or higher degree + work experience	\$100,427	\$24.35	\$60.25
51-9198	Helpers--Production Workers	2,780	2,790	10	0.4%	10	80	90	Short-term on-the-job training	\$28,096	\$8.98	\$15.77
53-7064	Packers and Packagers, Hand	2,660	2,690	30	1.1%	20	50	70	Short-term on-the-job training	\$20,558	\$6.98	\$11.34
43-4171	Receptionists and Information Clerks	2,610	2,680	70	2.7%	40	70	110	Short-term on-the-job training	\$23,448	\$8.31	\$12.76
47-2031	Carpenters	2,670	2,680	10	0.4%	10	40	50	Long-term on-the-job training	\$36,580	\$12.15	\$20.31
25-2021	Elementary School Teachers, Except Special Education	2,420	2,440	20	0.8%	10	50	60	Bachelor's degree	\$45,584	*	*
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,410	2,420	10	0.4%	10	50	60	Moderate-term on-the-job training	\$30,489	\$10.65	\$16.66
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,400	2,410	10	0.4%	10	50	60	Work experience in a related occupation	\$43,869	\$13.22	\$25.02
13-2011	Accountants and Auditors	2,200	2,270	70	3.2%	40	40	80	Bachelor's degree	\$55,080	\$18.48	\$30.48
53-3033	Truck Drivers, Light or Delivery Services	2,120	2,160	40	1.9%	20	20	40	Short-term on-the-job training	\$22,906	\$7.45	\$12.79
25-9041	Teacher Assistants	2,080	2,110	30	1.4%	20	40	60	Associate degree	\$24,464	*	*
43-5071	Shipping, Receiving, and Traffic Clerks	2,070	2,070	0	0.0%	<5	40	40	Short-term on-the-job training	\$28,305	\$9.66	\$15.58
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	2,040	2,030	-10	-0.5%	0	30	30	Work experience in a related occupation	\$35,698	\$11.10	\$20.19

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>
51-9196	Paper Goods Machine Setters, Operators, and Tenders	2,000	1,930	-70	-3.5%	0	40	40	Moderate-term on-the-job training	\$37,578	\$13.33	\$20.44
51-4041	Machinists	1,860	1,910	50	2.7%	30	40	70	Long-term on-the-job training	\$36,705	\$13.87	\$19.53
35-2014	Cooks, Restaurant	1,830	1,890	60	3.3%	30	70	100	Long-term on-the-job training	\$19,913	\$7.20	\$10.76
53-7051	Industrial Truck and Tractor Operators	1,890	1,890	0	0.0%	<5	30	30	Short-term on-the-job training	\$29,869	\$11.00	\$16.04
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,830	1,830	0	0.0%	<5	50	50	Bachelor's degree	\$46,461	*	*
51-9111	Packaging and Filling Machine Operators and Tenders	1,830	1,800	-30	-1.6%	0	40	40	Short-term on-the-job training	\$24,693	\$8.33	\$13.64
47-2111	Electricians	1,710	1,720	10	0.6%	10	30	40	Long-term on-the-job training	\$45,810	\$16.58	\$24.75
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,650	1,690	40	2.4%	20	40	60	Work experience in a related occupation	\$29,810	\$9.59	\$16.70
39-9021	Personal and Home Care Aides	1,570	1,680	110	7.0%	60	20	80	Short-term on-the-job training	\$20,199	\$7.80	\$10.67
39-9011	Child Care Workers	1,520	1,590	70	4.6%	40	50	90	Short-term on-the-job training	\$19,402	\$7.60	\$10.19
37-3011	Landscaping and Groundskeeping Workers	1,520	1,570	50	3.3%	30	30	60	Short-term on-the-job training	\$22,912	\$7.31	\$12.87
35-2021	Food Preparation Workers	1,480	1,520	40	2.7%	20	70	90	Short-term on-the-job training	\$19,037	\$7.03	\$10.22
51-4121	Welders, Cutters, Solderers, and Brazers	1,490	1,520	30	2.0%	20	40	60	Postsecondary vocational training	\$34,117	\$13.73	\$17.74
43-3071	Tellers	1,470	1,500	30	2.0%	20	80	100	Short-term on-the-job training	\$21,927	\$9.09	\$11.27
35-9021	Dishwashers	1,400	1,450	50	3.6%	30	70	100	Short-term on-the-job training	\$15,183	\$6.41	\$7.75

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	*	*	*	*	50	20	70	Short-term on-the-job training	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	40	70	110	Short-term on-the-job training	*	*	*

Sub-set totals	159,710	161,930	2,220	1.4%	1,410	4,500	5,910
Total, all occupations	308,700	312,790	4,090	1.3%	2,050	7,800	9,850
Percent of total	51.7%	51.8%	54.3%				

Please see notes on last page

**Bay Area 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	5,340	5,630	290	5.4%	150	100	250	Associate or Bachelor's degree <sup>(6)</sup>	\$56,597	\$21.36	\$30.14
35-3031	Waiters and Waitresses	5,640	5,810	170	3.0%	90	330	420	Short-term on-the-job training	\$16,588	\$6.39	\$8.77
53-3032	Truck Drivers, Heavy and Tractor-Trailer	7,480	7,650	170	2.3%	90	110	200	Moderate-term on-the-job training	\$40,407	\$13.77	\$22.26
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,180	6,340	160	2.6%	80	340	420	Short-term on-the-job training	\$16,538	\$6.39	\$8.73
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,200	5,330	130	2.5%	70	100	170	Short-term on-the-job training	\$21,524	\$7.54	\$11.75
43-4051	Customer Service Representatives	4,440	4,560	120	2.7%	60	60	120	Moderate-term on-the-job training	\$29,253	\$10.72	\$15.74
39-9021	Personal and Home Care Aides	1,570	1,680	110	7.0%	60	20	80	Short-term on-the-job training	\$20,199	\$7.80	\$10.67
41-2031	Retail Salespersons	8,580	8,670	90	1.0%	50	350	400	Short-term on-the-job training	\$24,117	\$7.18	\$13.80
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,780	3,860	80	2.1%	40	100	140	Moderate-term on-the-job training	\$62,898	\$15.95	\$37.38
13-2011	Accountants and Auditors	2,200	2,270	70	3.2%	40	40	80	Bachelor's degree	\$55,080	\$18.48	\$30.48
35-3011	Bartenders	2,940	3,010	70	2.4%	40	110	150	Short-term on-the-job training	\$17,558	\$7.06	\$9.13
39-9011	Child Care Workers	1,520	1,590	70	4.6%	40	50	90	Short-term on-the-job training	\$19,402	\$7.60	\$10.19
43-4171	Receptionists and Information Clerks	2,610	2,680	70	2.7%	40	70	110	Short-term on-the-job training	\$23,448	\$8.31	\$12.76
35-2014	Cooks, Restaurant	1,830	1,890	60	3.3%	30	70	100	Long-term on-the-job training	\$19,913	\$7.20	\$10.76
51-2092	Team Assemblers	4,910	4,970	60	1.2%	30	130	160	Moderate-term on-the-job training	\$24,977	\$8.89	\$13.57
11-1021	General and Operations Managers	2,950	3,000	50	1.7%	30	50	80	Bachelor's or higher degree + work experience	\$100,427	\$24.35	\$60.25
15-1031	Computer Software Engineers, Applications	630	680	50	7.9%	30	10	40	Bachelor's degree	\$70,211	\$25.23	\$38.02
31-1012	Nursing Aides, Orderlies, and Attendants	4,100	4,150	50	1.2%	30	50	80	Postsecondary vocational training	\$24,678	\$9.83	\$12.88
31-9092	Medical Assistants	780	830	50	6.4%	30	10	40	Moderate-term on-the-job training	\$27,262	\$11.03	\$14.15
35-9021	Dishwashers	1,400	1,450	50	3.6%	30	70	100	Short-term on-the-job training	\$15,183	\$6.41	\$7.75
37-3011	Landscaping and Groundskeeping Workers	1,520	1,570	50	3.3%	30	30	60	Short-term on-the-job training	\$22,912	\$7.31	\$12.87
51-4041	Machinists	1,860	1,910	50	2.7%	30	40	70	Long-term on-the-job training	\$36,705	\$13.87	\$19.53
15-1051	Computer Systems Analysts	890	930	40	4.5%	20	10	30	Bachelor's degree	\$58,226	\$19.05	\$32.46
25-2011	Preschool Teachers, Except Special Education	670	710	40	6.0%	20	10	30	Bachelor's degree	\$26,364	\$8.82	\$14.60
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,650	1,690	40	2.4%	20	40	60	Work experience in a related occupation	\$29,810	\$9.59	\$16.70
35-2021	Food Preparation Workers	1,480	1,520	40	2.7%	20	70	90	Short-term on-the-job training	\$19,037	\$7.03	\$10.22
43-6011	Executive Secretaries and Administrative Assistants	3,040	3,080	40	1.3%	20	50	70	Moderate-term on-the-job training	\$34,057	\$12.21	\$18.46
49-9042	Maintenance and Repair Workers, General	3,050	3,090	40	1.3%	20	50	70	Long-term on-the-job training	\$35,279	\$11.98	\$19.45
53-3033	Truck Drivers, Light or Delivery Services	2,120	2,160	40	1.9%	20	20	40	Short-term on-the-job training	\$22,906	\$7.45	\$12.79
15-1081	Network Systems and Data Communications Analysts	320	350	30	9.4%	20	<5	20	Bachelor's degree	\$62,220	\$19.11	\$35.32
17-2112	Industrial Engineers	690	720	30	4.3%	20	20	40	Bachelor's degree	\$64,742	\$23.53	\$34.92
25-9041	Teacher Assistants	2,080	2,110	30	1.4%	20	40	60	Associate degree	\$24,464		
29-2034	Radiologic Technologists and Technicians	480	510	30	6.3%	20	10	30	Associate degree	\$45,609	\$16.40	\$24.69
29-2041	Emergency Medical Technicians and Paramedics	920	950	30	3.3%	20	10	30	Postsecondary vocational training	\$26,708	\$8.59	\$14.97
31-9091	Dental Assistants	640	670	30	4.7%	20	20	40	Moderate-term on-the-job training	\$31,677	\$12.54	\$16.58

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>
33-2011	Fire Fighters	970	1,000	30	3.1%	20	30	50	Long-term on-the-job training	\$30,427	\$7.95	\$17.97
35-2011	Cooks, Fast Food	1,120	1,150	30	2.7%	20	50	70	Short-term on-the-job training	\$16,204	\$6.56	\$8.41
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	950	980	30	3.2%	20	40	60	Short-term on-the-job training	\$15,616	\$6.40	\$8.06
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,100	1,130	30	2.7%	20	20	40	Postsecondary vocational training	\$21,316	\$7.96	\$11.39
43-3011	Bill and Account Collectors	610	640	30	4.9%	20	10	30	Short-term on-the-job training	\$28,409	\$9.78	\$15.59
43-3071	Tellers	1,470	1,500	30	2.0%	20	80	100	Short-term on-the-job training	\$21,927	\$9.09	\$11.27
43-4111	Interviewers, Except Eligibility and Loan	410	440	30	7.3%	20	10	30	Short-term on-the-job training	\$24,755	\$9.30	\$13.20
47-2073	Operating Engineers and Other Construction Equipment Operators	920	950	30	3.3%	20	20	40	Moderate-term on-the-job training	\$45,782	\$15.77	\$25.13
47-2152	Plumbers, Pipefitters, and Steamfitters	1,210	1,240	30	2.5%	20	30	50	Long-term on-the-job training	\$49,329	\$17.15	\$27.00
51-4121	Welders, Cutters, Solderers, and Brazers	1,490	1,520	30	2.0%	20	40	60	Postsecondary vocational training	\$34,117	\$13.73	\$17.74
53-7064	Packers and Packagers, Hand	2,660	2,690	30	1.1%	20	50	70	Short-term on-the-job training	\$20,558	\$6.98	\$11.34
11-9051	Food Service Managers	410	430	20	4.9%	10	10	20	Work experience in a related occupation	\$40,827	\$13.06	\$22.91
11-9111	Medical and Health Services Managers	390	410	20	5.1%	10	10	20	Bachelor's or higher degree + work experience	\$73,400	\$25.41	\$40.23

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	*	*	*	*	50	20	70	Short-term on-the-job training	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	40	70	110	Short-term on-the-job training	*	*	*

Sub-set totals	113,780	116,850	3,070	2.7%	1,710	3,080	4,790					
Total, all occupations	308,700	312,790	4,090	1.3%	2,050	7,800	9,850					
Percent of total	36.9%	37.4%	75.1%									

Please see notes on last page

**Bay Area 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	7,480	7,400	-80	-1.1%	0	480	480	Short-term on-the-job training	\$17,004	\$6.55	\$8.99
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,180	6,340	160	2.6%	80	340	420	Short-term on-the-job training	\$16,538	\$6.39	\$8.73
35-3031	Waiters and Waitresses	5,640	5,810	170	3.0%	90	330	420	Short-term on-the-job training	\$16,588	\$6.39	\$8.77
41-2031	Retail Salespersons	8,580	8,670	90	1.0%	50	350	400	Short-term on-the-job training	\$24,117	\$7.18	\$13.80
29-1111	Registered Nurses	5,340	5,630	290	5.4%	150	100	250	Associate or Bachelor's degree <sup>(8)</sup>	\$56,597	\$21.36	\$30.14
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,250	6,230	-20	-0.3%	0	240	240	Short-term on-the-job training	\$24,479	\$7.83	\$13.74
53-3032	Truck Drivers, Heavy and Tractor-Trailer	7,480	7,650	170	2.3%	90	110	200	Moderate-term on-the-job training	\$40,407	\$13.77	\$22.26
43-5081	Stock Clerks and Order Fillers	3,670	3,590	-80	-2.2%	0	180	180	Short-term on-the-job training	\$23,276	\$7.33	\$13.12
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,200	5,330	130	2.5%	70	100	170	Short-term on-the-job training	\$21,524	\$7.54	\$11.75
51-2092	Team Assemblers	4,910	4,970	60	1.2%	30	130	160	Moderate-term on-the-job training	\$24,977	\$8.89	\$13.57
35-3011	Bartenders	2,940	3,010	70	2.4%	40	110	150	Short-term on-the-job training	\$17,558	\$7.06	\$9.13
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,780	3,860	80	2.1%	40	100	140	Moderate-term on-the-job training	\$62,898	\$15.95	\$37.38
43-4051	Customer Service Representatives	4,440	4,560	120	2.7%	60	60	120	Moderate-term on-the-job training	\$29,253	\$10.72	\$15.74
43-9061	Office Clerks, General	4,830	4,840	10	0.2%	10	110	120	Short-term on-the-job training	\$23,528	\$8.10	\$12.92
43-4171	Receptionists and Information Clerks	2,610	2,680	70	2.7%	40	70	110	Short-term on-the-job training	\$23,448	\$8.31	\$12.76
35-2014	Cooks, Restaurant	1,830	1,890	60	3.3%	30	70	100	Long-term on-the-job training	\$19,913	\$7.20	\$10.76
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	870	880	10	1.1%	10	90	100	Short-term on-the-job training	\$16,433	\$6.49	\$8.61
35-9021	Dishwashers	1,400	1,450	50	3.6%	30	70	100	Short-term on-the-job training	\$15,183	\$6.41	\$7.75
43-3071	Tellers	1,470	1,500	30	2.0%	20	80	100	Short-term on-the-job training	\$21,927	\$9.09	\$11.27
35-2021	Food Preparation Workers	1,480	1,520	40	2.7%	20	70	90	Short-term on-the-job training	\$19,037	\$7.03	\$10.22
39-9011	Child Care Workers	1,520	1,590	70	4.6%	40	50	90	Short-term on-the-job training	\$19,402	\$7.60	\$10.19
51-9198	Helpers--Production Workers	2,780	2,790	10	0.4%	10	80	90	Short-term on-the-job training	\$28,096	\$8.98	\$15.77
11-1021	General and Operations Managers	2,950	3,000	50	1.7%	30	50	80	Bachelor's or higher degree + work experience	\$100,427	\$24.35	\$60.25
13-2011	Accountants and Auditors	2,200	2,270	70	3.2%	40	40	80	Bachelor's degree	\$55,080	\$18.48	\$30.48
31-1012	Nursing Aides, Orderlies, and Attendants	4,100	4,150	50	1.2%	30	50	80	Postsecondary vocational training	\$24,678	\$9.83	\$12.88
39-9021	Personal and Home Care Aides	1,570	1,680	110	7.0%	60	20	80	Short-term on-the-job training	\$20,199	\$7.80	\$10.67
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,580	4,580	0	0.0%	<5	80	80	Moderate-term on-the-job training	\$28,821	\$10.09	\$15.74
35-2011	Cooks, Fast Food	1,120	1,150	30	2.7%	20	50	70	Short-term on-the-job training	\$16,204	\$6.56	\$8.41
43-6011	Executive Secretaries and Administrative Assistants	3,040	3,080	40	1.3%	20	50	70	Moderate-term on-the-job training	\$34,057	\$12.21	\$18.46
43-6014	Secretaries, Except Legal, Medical, and Executive	4,120	4,070	-50	-1.2%	0	70	70	Moderate-term on-the-job training	\$26,909	\$9.81	\$14.50
49-9042	Maintenance and Repair Workers, General	3,050	3,090	40	1.3%	20	50	70	Long-term on-the-job training	\$35,279	\$11.98	\$19.45
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	3,060	3,080	20	0.7%	10	60	70	Work experience in a related occupation	\$50,512	\$16.56	\$28.15
51-4041	Machinists	1,860	1,910	50	2.7%	30	40	70	Long-term on-the-job training	\$36,705	\$13.87	\$19.53
53-7064	Packers and Packagers, Hand	2,660	2,690	30	1.1%	20	50	70	Short-term on-the-job training	\$20,558	\$6.98	\$11.34

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>
25-2021	Elementary School Teachers, Except Special Education	2,420	2,440	20	0.8%	10	50	60	Bachelor's degree	\$45,584	*	*
25-9041	Teacher Assistants	2,080	2,110	30	1.4%	20	40	60	Associate degree	\$24,464	*	*
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,650	1,690	40	2.4%	20	40	60	Work experience in a related occupation	\$29,810	\$9.59	\$16.70
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	950	980	30	3.2%	20	40	60	Short-term on-the-job training	\$15,616	\$6.40	\$8.06
37-3011	Landscaping and Groundskeeping Workers	1,520	1,570	50	3.3%	30	30	60	Short-term on-the-job training	\$22,912	\$7.31	\$12.87
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,400	2,410	10	0.4%	10	50	60	Work experience in a related occupation	\$43,869	\$13.22	\$25.02
51-4121	Welders, Cutters, Solderers, and Brazers	1,490	1,520	30	2.0%	20	40	60	Postsecondary vocational training	\$34,117	\$13.73	\$17.74
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,410	2,420	10	0.4%	10	50	60	Moderate-term on-the-job training	\$30,489	\$10.65	\$16.66
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,830	1,830	0	0.0%	<5	50	50	Bachelor's degree	\$46,461	*	*
33-2011	Fire Fighters	970	1,000	30	3.1%	20	30	50	Long-term on-the-job training	\$30,427	\$7.95	\$17.97
41-2021	Counter and Rental Clerks	830	840	10	1.2%	10	40	50	Short-term on-the-job training	\$20,355	\$6.72	\$11.32
47-2031	Carpenters	2,670	2,680	10	0.4%	10	40	50	Long-term on-the-job training	\$36,580	\$12.15	\$20.31
47-2152	Plumbers, Pipefitters, and Steamfitters	1,210	1,240	30	2.5%	20	30	50	Long-term on-the-job training	\$49,329	\$17.15	\$27.00
15-1031	Computer Software Engineers, Applications	630	680	50	7.9%	30	10	40	Bachelor's degree	\$70,211	\$25.23	\$38.02

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	*	*	*	*	50	20	70	Short-term on-the-job training	*	*	*
37-2012	Maids and Housekeeping Cleaners	*	*	*	*	40	70	110	Short-term on-the-job training	*	*	*

Sub-set totals	152,630	155,100	2,470	1.6%	1,510	4,560	6,070
Total, all occupations	308,700	312,790	4,090	1.3%	2,050	7,800	9,850
Percent of total	49.4%	49.6%	60.4%				

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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