

Wisconsin Projections, 2006-2016

30 Occupations with the Most Average Annual Openings

SOC Code	Occupational Title	Avg. Ann. Openings ⁽²⁾	Typical Education and Training Path ⁽³⁾	2006 Avg. Ann. Salary ⁽⁴⁾
41-2031	Retail Salespersons	3,240	Short-term on-the-job training	\$24,081
41-2011	Cashiers	3,140	Short-term on-the-job training	\$17,278
35-3031	Waiters and Waitresses	3,090	Short-term on-the-job training	\$16,207
29-1111	Registered Nurses	2,180	Associate or Bachelor's degree ⁽⁵⁾	\$57,376
43-4051	Customer Service Representatives	2,100	Moderate-term on-the-job training	\$31,243
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,080	Short-term on-the-job training	\$16,308
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,730	Short-term on-the-job training	\$24,661
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,700	Short-term on-the-job training	\$22,571
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,520	Moderate-term on-the-job training	\$38,070
43-9061	Office Clerks, General	1,400	Short-term on-the-job training	\$24,287
39-9021	Personal and Home Care Aides	1,220	Short-term on-the-job training	\$19,602
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,200	Moderate-term on-the-job training	\$29,988
35-3011	Bartenders	1,120	Short-term on-the-job training	\$17,713
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,100	Work experience in a related occupation	\$60,390
39-9011	Child Care Workers	1,050	Short-term on-the-job training	\$19,793
51-2092	Team Assemblers	1,040	Moderate-term on-the-job training	\$26,420
43-4171	Receptionists and Information Clerks	1,020	Short-term on-the-job training	\$23,993
25-2021	Elementary School Teachers, Except Special Education	960	Bachelor's degree	\$45,857
43-6011	Executive Secretaries and Administrative Assistants	880	Work experience in a related occupation	\$35,322
31-1011	Home Health Aides	830	Short-term on-the-job training	\$20,812
43-3071	Tellers	830	Short-term on-the-job training	\$21,855
31-1012	Nursing Aides, Orderlies, and Attendants	800	Postsecondary vocational training	\$24,236
37-2012	Maids and Housekeeping Cleaners	800	Short-term on-the-job training	\$18,536
43-5081	Stock Clerks and Order Fillers	800	Short-term on-the-job training	\$21,806
13-2011	Accountants and Auditors	770	Bachelor's degree	\$58,374
25-2031	Secondary School Teachers, Except Special and Vocational	730	Bachelor's degree	\$47,019
43-6014	Secretaries, Except Legal, Medical, and Executive	720	Moderate-term on-the-job training	\$28,122
47-2031	Carpenters	700	Long-term on-the-job training	\$38,760
11-1021	General and Operations Managers	660	Bachelor's or higher degree, plus work experience	\$98,300
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	640	Short-term on-the-job training	\$16,337

See notes on the last page.

Wisconsin Projections, 2006-2016

30 Fastest Growing Occupations (With at least 500 Jobs in 2016)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Typical Education and Training Path ⁽³⁾	2006 Avg. Ann. Salary ⁽⁴⁾
		2006	2016	Change	% Change		
15-1081	Network Systems and Data Communications Analysts	5,150	7,390	2,240	43.5%	Bachelor's degree	\$58,042
31-1011	Home Health Aides	16,550	23,310	6,760	40.8%	Short-term on-the-job training	\$20,812
39-9021	Personal and Home Care Aides	22,030	30,540	8,510	38.6%	Short-term on-the-job training	\$19,602
15-1031	Computer Software Engineers, Applications	8,830	12,170	3,340	37.8%	Bachelor's degree	\$69,811
31-9092	Medical Assistants	7,120	9,720	2,600	36.5%	Moderate-term on-the-job training	\$27,632
29-1071	Physician Assistants	1,110	1,480	370	33.3%	Master's degree	\$78,373
29-1124	Radiation Therapists	490	650	160	32.7%	Associate degree	\$67,848
13-2052	Personal Financial Advisors	3,170	4,190	1,020	32.2%	Bachelor's degree	\$74,784
29-2021	Dental Hygienists	4,170	5,470	1,300	31.2%	Associate degree	\$55,069
31-9091	Dental Assistants	5,340	6,960	1,620	30.3%	Moderate-term on-the-job training	\$29,454
21-1011	Substance Abuse and Behavioral Disorder Counselors	1,550	2,020	470	30.3%	Master's degree	\$39,904
31-2021	Physical Therapist Assistants	1,270	1,650	380	29.9%	Associate degree	\$38,206
29-2055	Surgical Technologists	2,310	2,990	680	29.4%	Postsecondary vocational training	\$41,203
39-5094	Skin Care Specialists	510	660	150	29.4%	Postsecondary vocational training	\$27,885
31-2022	Physical Therapist Aides	1,240	1,600	360	29.0%	Short-term on-the-job training	\$24,614
29-2031	Cardiovascular Technologists and Technicians	700	900	200	28.6%	Associate degree	\$44,814
21-1093	Social and Human Service Assistants	7,340	9,400	2,060	28.1%	Moderate-term on-the-job training	\$29,355
29-2056	Veterinary Technologists and Technicians	1,510	1,930	420	27.8%	Associate degree	\$28,104
29-2052	Pharmacy Technicians	6,300	8,030	1,730	27.5%	Moderate-term on-the-job training	\$25,518
29-1126	Respiratory Therapists	1,790	2,270	480	26.8%	Associate degree	\$48,842
15-1032	Computer Software Engineers, Systems Software	2,840	3,600	760	26.8%	Bachelor's degree	\$74,640
13-2051	Financial Analysts	2,140	2,710	570	26.6%	Bachelor's degree	\$64,017
29-1111	Registered Nurses	51,130	64,550	13,420	26.2%	Associate or Bachelor's degree ⁽⁵⁾	\$57,376
29-1123	Physical Therapists	4,060	5,080	1,020	25.1%	Master's degree	\$64,087
21-1013	Marriage and Family Therapists	720	900	180	25.0%	Master's degree	\$54,128
39-2011	Animal Trainers	730	910	180	24.7%	Moderate-term on-the-job training	\$26,590
49-9062	Medical Equipment Repairers	690	860	170	24.6%	Associate degree	\$46,212
29-1131	Veterinarians	1,750	2,170	420	24.0%	First professional degree	\$77,803
21-1014	Mental Health Counselors	1,650	2,040	390	23.6%	Master's degree	\$41,324
21-1023	Mental Health and Substance Abuse Social Workers	2,230	2,740	510	22.9%	Master's degree	\$49,021

See notes on the last page.

Wisconsin Occupational Projections, 2006-2016

30 Occupations with the Most New Jobs

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Typical Education and Training Path ⁽³⁾	2006 Avg. Ann. Salary ⁽⁴⁾
		2006	2016	New Jobs	% Change		
29-1111	Registered Nurses	51,130	64,550	13,420	26.2%	Associate or Bachelor's degree ⁽⁵⁾	\$57,376
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	58,910	68,480	9,570	16.2%	Short-term on-the-job training	\$16,308
43-4051	Customer Service Representatives	43,840	52,640	8,800	20.1%	Moderate-term on-the-job training	\$31,243
39-9021	Personal and Home Care Aides	22,030	30,540	8,510	38.6%	Short-term on-the-job training	\$19,602
31-1011	Home Health Aides	16,550	23,310	6,760	40.8%	Short-term on-the-job training	\$20,812
41-2031	Retail Salespersons	85,660	91,700	6,040	7.1%	Short-term on-the-job training	\$24,081
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	57,780	63,680	5,900	10.2%	Short-term on-the-job training	\$22,571
53-3032	Truck Drivers, Heavy and Tractor-Trailer	53,700	59,440	5,740	10.7%	Moderate-term on-the-job training	\$38,070
43-9061	Office Clerks, General	49,130	54,140	5,010	10.2%	Short-term on-the-job training	\$24,287
35-3031	Waiters and Waitresses	48,070	52,830	4,760	9.9%	Short-term on-the-job training	\$16,207
31-1012	Nursing Aides, Orderlies, and Attendants	36,740	41,450	4,710	12.8%	Postsecondary vocational training	\$24,236
43-3031	Bookkeeping, Accounting, and Auditing Clerks	47,710	52,210	4,500	9.4%	Moderate-term on-the-job training	\$29,988
39-9011	Child Care Workers	22,970	26,900	3,930	17.1%	Short-term on-the-job training	\$19,793
43-6011	Executive Secretaries and Administrative Assistants	31,660	35,460	3,800	12.0%	Work experience in a related occupation	\$35,322
43-4171	Receptionists and Information Clerks	26,180	29,940	3,760	14.4%	Short-term on-the-job training	\$23,993
13-2011	Accountants and Auditors	23,810	27,290	3,480	14.6%	Bachelor's degree	\$58,374
15-1031	Computer Software Engineers, Applications	8,830	12,170	3,340	37.8%	Bachelor's degree	\$69,811
37-2012	Maids and Housekeeping Cleaners	25,810	28,920	3,110	12.0%	Short-term on-the-job training	\$18,536
47-2031	Carpenters	30,230	33,130	2,900	9.6%	Long-term on-the-job training	\$38,760
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	37,320	40,150	2,830	7.6%	Work experience in a related occupation	\$60,390
37-3011	Landscaping and Groundskeeping Workers	20,150	22,790	2,640	13.1%	Short-term on-the-job training	\$24,025
31-9092	Medical Assistants	7,120	9,720	2,600	36.5%	Moderate-term on-the-job training	\$27,632
35-3011	Bartenders	24,110	26,510	2,400	10.0%	Short-term on-the-job training	\$17,713
25-2021	Elementary School Teachers, Except Special Education	32,790	35,150	2,360	7.2%	Bachelor's degree	\$45,857
15-1051	Computer Systems Analysts	11,030	13,290	2,260	20.5%	Bachelor's degree	\$62,862
15-1081	Network Systems and Data Communications Analysts	5,150	7,390	2,240	43.5%	Bachelor's degree	\$58,042
21-1093	Social and Human Service Assistants	7,340	9,400	2,060	28.1%	Moderate-term on-the-job training	\$29,355
43-3071	Tellers	14,160	16,220	2,060	14.5%	Short-term on-the-job training	\$21,855
21-2011	Clergy	14,370	16,390	2,020	14.1%	Master's degree	\$44,110
41-3021	Insurance Sales Agents	8,990	10,930	1,940	21.6%	Bachelor's degree	\$65,542

See notes on the last page.

Notes:

- (1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment also includes jobs among self-employed and unpaid family workers. Employment is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to
- (2) **Average Annual Openings** are the sum of new jobs and replacements on an average annual basis. Openings are an indication of how many new people are needed to enter a given occupation. 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) **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
 - 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.
 - First Professional Degree:** These degrees typically require at least two years of full-time study beyond a bachelor's degree.
- (4) **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.
- (5) Either a bachelor's or an associate degree is accepted in this occupation. It depends on the specifics of the position and the employer.

Information is derived using the 2006 OES Survey, 2006 QCEW and 2006 CES data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2006 to 2016. It is important to note that unanticipated events may affect the accuracy of these projections.

Source: Office of Economic Advisors, Wisconsin Department of Workforce Development, May 2008

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