

# Growing and Declining Occupations

## Growing Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Software Engineers, Systems Software	530	810	5.4
Reservation, Ticket Agents & Travel Clerks	70	105	5.0
Medical Assistants	610	885	4.5
Database Administrators	315	450	4.3
Network Systems & Data Communications Analysts	835	1,190	4.3
Umpires, Referees & Other Sports Officials	60	85	4.2
Computer Software Engineers, Applications	925	1,305	4.2
Gaming Change Persons & Booth Cashiers	115	160	3.9
Home Health Aides	1,350	1,875	3.9
Personal & Home Care Aides	555	770	3.9
Gaming, Sports Book Writers & Runners	105	145	3.8
Physician Assistants	145	205	3.8
Mechanical Engineering Technicians	185	255	3.8
Gaming Dealers	95	130	3.7
Medical Records & Health Information Technicians	410	560	3.7
Sales Managers	960	1,310	3.6
Motorcycle Mechanics	55	75	3.6
Industrial Engineers	415	565	3.6
Mental Health & Substance Abuse Social Workers	125	170	3.6
Self-Enrichment Education Teachers	610	825	3.5

Growing occupations are occupations whose growth rate is above average and are expected to have the largest percentage of growth between 2002 and 2012.

However, even though an occupation is expected to grow rapidly it may not necessarily provide the largest number of job openings. It is therefore recommended that consideration also be given to employment levels.

Declining occupations show the expected reduction rate for occupations that may occur due to declining industry employment and technological change.

Declining occupations may still be considered a source for occupational employment. However, careful thought should be given to training time and costs.

## Declining Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Word Processors & Typists	760	625	-1.7
Prepress Technicians & Workers	285	245	-1.4
Computer Operators	1,230	1,080	-1.2
Meter Readers, Utilities	130	115	-1.2
Loan Interviewers & Clerks	535	475	-1.1
Bindery Workers	275	245	-1.1
Postal Service Mail Sorters & Processors	2,345	2,125	-0.9
Dental Laboratory Technicians	115	105	-0.9
Agricultural & Food Science Technicians	940	880	-0.6
Locomotive Engineers	160	145	-0.6
Order Clerks	755	715	-0.5
Tailors, Dressmakers & Custom Sewers	205	195	-0.5
Secretaries, Except Legal, Medical & Executive	5,875	5,595	-0.5
Railroad Conductors & Yardmasters	130	120	-0.4
Cooks, Institution & Cafeteria	1,400	1,350	-0.4
Chemical Equipment Operators & Tenders	145	140	-0.3
Machine Feeders & Offbearers	310	305	-0.3
Postal Service Mail Carriers	1,560	1,510	-0.3
Telemarketers	1,590	1,540	-0.3
Stock Clerks & Order Fillers	4,435	4,315	-0.3
Postmasters & Mail Superintendents	192	185	-0.3

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2012

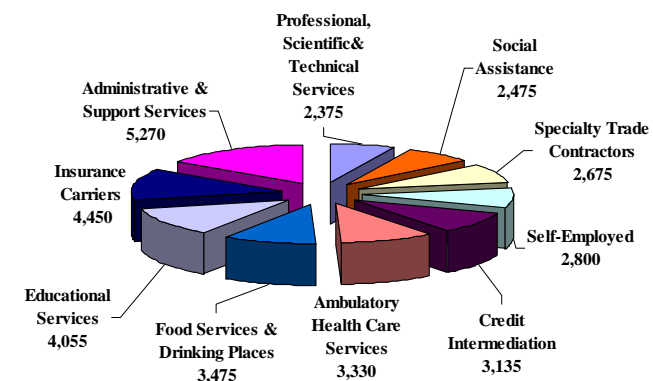
# Job Outlook - Region 11

BOONE, DALLAS, JASPER, MADISON, MARION, POLK, STORY AND WARREN

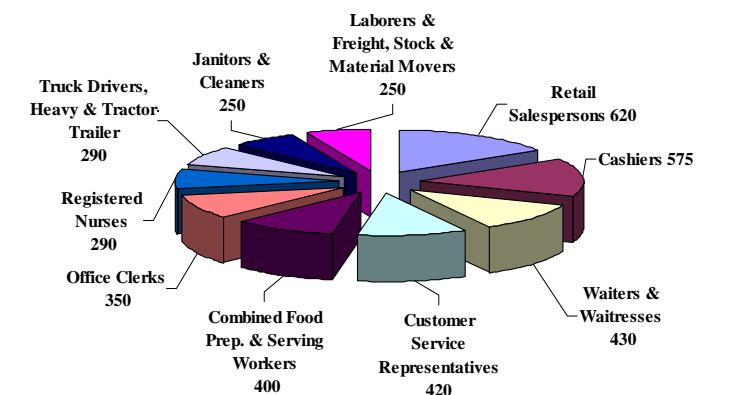
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational projections for 2012 and other labor market information may be requested by sending an e-mail to [iwd.lmi@iwd.state.ia.us](mailto:iwd.lmi@iwd.state.ia.us)



Industries with the Most Openings  
2002-2012



Occupations with the Most Annual Openings  
2002-2012



The Region 11 economy is expected to generate 64,000 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 16,300 annual job openings for the area. The Region 11 growth rate of 15.9% is higher than the state projected rate of 13.5%. Health care and the service industries are expected to be the leaders in job creation. Many industries, such as educational services and health care, will also replace workers due to retirement or other reasons that may cause workers to leave the workforce on a permanent basis.

# Region 11 — Occupations With Largest Total Annual Openings By Education Level

## Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 11 2005 Average Hourly Wage
620	Retail Salespersons	\$10.82
575	Cashiers	8.08
430	Waiters & Waitresses	7.36
400	Food Preparation & Serving Workers	7.06
350	Office Clerks, General	12.03
250	Janitors & Cleaners	9.71
250	Laborers & Freight, Stock & Material Movers	11.30
200	Tellers	10.63
170	Child Care Workers	8.40
165	Stock Clerks & Order Fillers	9.98
160	Food Preparation Workers	8.32
140	Receptionists & Information Clerks	10.43



## Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 11 2005 Average Hourly Wage
290	Registered Nurses	\$23.54
190	Supervisors/Managers of Retail Sales Workers	18.09
130	Supervisors/Managers of Office & Administrative Support Workers	21.32
130	Carpenters	17.38
115	Cooks, Restaurant	9.60
95	Automotive Service Technicians & Mechanics	15.32
85	Supervisors/Managers of Production & Operating Workers	24.96
75	Hairdressers, Hairstylists & Cosmetologists	12.27
70	Computer Support Specialists	20.11
70	Preschool Teachers, Except Special Ed.	10.54
70	Supervisors/Managers of Food Preparation & Serving Workers	13.86
70	Supervisors/Managers of Construction Trades & Extraction Workers	23.25

In Iowa, almost 45% of all occupations will require a postsecondary education or above.

The most frequent skills associated with these education levels are problem solving, social skills and resource management.

## High School or GED

Occupations that require a high school education or less provide opportunities to learn the basic skills associated with being a good employee such as listening, speaking, writing, and reading.

The more education obtained the wider the door opens to career choices and the possibility for increased wages.

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 11 2005 Average Hourly Wage
420	Customer Service Representatives	\$13.52
290	Truck Drivers, Heavy & Tractor-Trailer	17.62
190	Sales Reps. Whsl. & Mfg. except Technical & Scientific Products	28.57
175	Bookkeeping, Accounting & Auditing Clerks	14.60
160	Team Assemblers	11.03
120	Executive Secretaries & Administrative Assistants	17.36
120	Maintenance & Repair Workers, General	15.26
115	Secretaries, except Legal, Medical & Executive	14.12
115	Construction Laborers	16.67
60	Social & Human Service Assistants	12.96
60	Sales Reps. Whsl. & Mfg. Technical & Scientific Products	27.18
60	Demonstrators & Product Promoters	11.34



## Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 11 2005 Average Hourly Wage
185	General & Operations Managers	\$42.72
160	Computer Systems Analysts	29.99
150	Accountants & Auditors	26.33
115	Elementary School Teachers, Except Special Ed.	37,698*
115	Secondary School Teachers, Except Special & Vocational Ed.	38,994*
90	Financial Managers	46.27
90	Management Analysts	28.48
65	Lawyers	48.74
65	Insurance Sales Agents	25.20
60	Administrative Services Managers	34.70
60	Loan Officers	22.71

\* Average annual wage