

# Growing and Declining Occupations

## Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Software Engineers, Applications	40	65	5.0
Computer Systems Analysts	75	115	4.7
Network & Computer Systems Administrators	60	85	4.2
Self-Enrichment Education Teachers	60	85	4.2
Medical Assistants	85	120	4.1
Computer & Information Systems Managers	50	70	4.0
Sales Managers	95	130	3.7
Human Resources Managers	55	75	3.6
Training & Development Specialists	85	115	3.5
Pharmacists	100	135	3.5
Industrial Engineers	45	60	3.3
Respiratory Therapists	45	60	3.3
Coating, Painting & Spraying Machine Setters, Operators & Tenders	45	60	3.3
Correctional Officers & Jailers	170	225	3.2
Medical Records & Health Information Technicians	110	145	3.2
Home Health Aides	195	255	3.1
Personal & Home Care Aides	350	455	3.0
Customer Service Representatives	840	1,080	2.9
Employment, Recruitment & Placement Specialists	70	90	2.9
Management Analysts	70	95	2.9

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

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Agricultural & Food Science Technicians	390	315	-1.8
Chemical Equipment Operators & Tenders	85	70	-1.8
Word Processors & Typists	165	140	-1.5
Mixing & Blending Machine Setters, Operators & Tenders	100	85	-1.5
File Clerks	115	100	-1.3
Computer Operators	185	165	-1.1
Order Clerks	110	100	-0.9
Cooks, Fast Food	260	240	-0.8
Secretaries, except Legal, Medical & Executive	1,380	1,275	-0.8
Stock Clerks & Order Fillers	985	910	-0.7
Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	150	140	-0.7
Power Plant Operators	95	95	-0.5
Switchboard Operators, Including Answering Service	115	115	-0.4
Locomotive Engineers	140	135	-0.4
Bookkeeping, Accounting & Auditing Clerks	1,390	1,350	-0.3
Machine Feeders & Offbearers	155	150	-0.3
Postal Service Mail Carriers	330	320	-0.3
Cooks, Institution & Cafeteria	445	435	-0.2
Packers & Packagers, Hand	700	690	-0.1
Executive Secretaries & Administrative Assistants	545	540	-0.1

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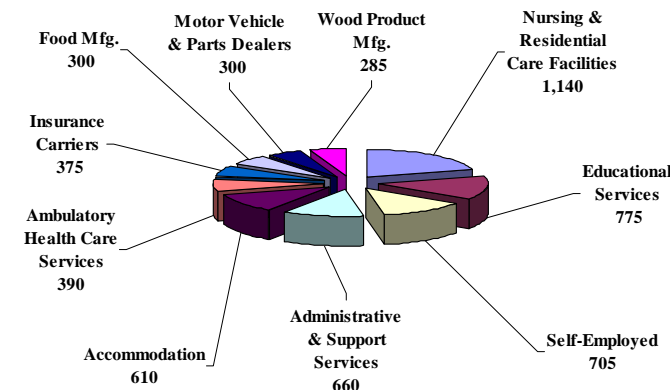
# 2012 Job Outlook - Region 13

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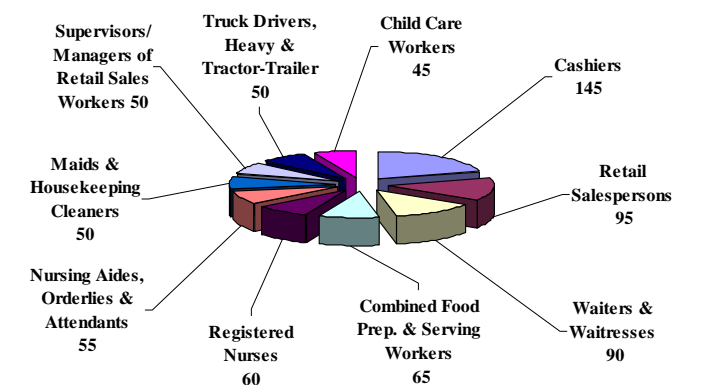
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 13 economy is expected to generate 8,600 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 1,900 annual job openings for the area. The Region 13 growth rate of 10.7% is lower than the state projected rate of 13.5%. Services and the health care 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 13 — Occupations With Largest Total Annual Openings By Education Level

## Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 13 2005 Average Hourly Wage
145	Cashiers	\$7.65
95	Retail Salespersons	11.45
90	Waiters & Waitresses	7.07
65	Food Preparation & Serving Workers	7.28
55	Nursing Aides, Orderlies & Attendants	12.19
50	Maids & Housekeeping Cleaners	8.47
45	Janitors & Cleaners	9.98
45	Child Care Workers	9.96
45	Office Clerks, General	10.36
40	Food Preparation Workers	8.18
35	Stock Clerks & Order Fillers	8.96
35	Farmworkers & Laborers, Crop, Nursery & Greenhouse	NS
NS - Not surveyed		



## Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 13 2005 Average Hourly Wage
60	Registered Nurses	\$21.25
50	Supervisors/Managers of Retail Sales Workers	21.24
20	Cooks, Restaurant	8.91
20	Hairdressers, Hairstylists & Cosmetologists	9.01
20	Automotive Service Technicians & Mechanics	11.40
20	Welders, Cutters, Solderers & Brazers	12.76
15	Supervisors/Managers of Office & Administrative Support Workers	18.80
15	Carpenters	16.14
15	Machinists	NS
15	Supervisors/Managers of Production & Operating Workers	13.44
15	Supervisors/Managers of Food Preparation & Serving Workers	20.79
15	Licensed Practical & Licensed Vocational Nurses	14.98
NS - Not surveyed		

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 13 2005 Average Hourly Wage
50	Truck Drivers, Heavy & Tractor-Trailer	\$13.46
45	Slaughterers & Meat Packers	9.87
35	Customer Service Representatives	10.70
25	Social & Human Service Assistants	NS
25	Bookkeeping, Accounting & Auditing Clerks	12.08
25	Secretaries, except Legal, Medical & Executive	11.64
25	Maintenance & Repair Workers, General	13.34
25	Team Assemblers	14.28
	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	20.48
20	Cooks, Institution & Cafeteria	9.37
15	Construction Laborers	13.08
10	Executive Secretaries & Administrative Assistants	15.14
10	Laundry & Dry-Cleaning Workers	8.98
NS - Not surveyed		



## Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 13 2005 Average Hourly Wage
30	Elementary School Teachers, except Special Ed.	\$40,435*
30	Secondary School Teachers, except Special & Vocational Ed.	33,380*
25	General & Operations Managers	37.54
15	Farm, Ranch & Other Agricultural Managers	NS
15	Child, Family & School Social Workers	16.98
15	Middle School Teachers, except Special & Vocational Ed.	37,018*
15	Recreation Workers	11.02
10	Medical & Health Services Managers	27.15
10	Accountants & Auditors	22.66
10	Insurance Sales Agents	19.8
10	Special Ed. Teachers, Preschool, Kindergarten & Elementary School	39,236*
5	Financial Managers	34.79
* Average annual wage		
NS - Not surveyed		