

Growing and Declining Occupations

Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Software Engineers, Systems Software	150	245	6.0
Medical Records & Health Information Technicians	255	400	5.9
Medical Assistants	285	445	5.6
Physician Assistants	55	80	5.5
Rail Car Repairers	65	105	5.4
Physical Therapist Assistants	40	60	5.0
Dietetic Technicians	55	85	4.5
Home Health Aides	665	965	4.5
Dental Hygienists	125	180	4.4
Social & Human Service Assistants	265	380	4.3
Dental Assistants	315	445	4.1
Personal & Home Care Aides	235	330	4.0
Electronics Engineers, Except Computer	100	145	4.0
Set & Exhibit Designers	175	245	4.0
Nursing Aides, Orderlies & Attendants	1,590	2,225	4.0
Mental Health & Substance Abuse Social Workers	55	75	3.6
Pharmacists	145	190	3.4
Mechanical Drafters	190	255	3.4

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.

Produced by:

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Policy and Information Division



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Declining Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Word Processors & Typists	135	95	-2.6
Agricultural & Food Science Technicians	240	195	-1.9
Computer Operators	195	160	-1.8
Electrical & Electronic Equipment Assemblers	260	220	-1.5
Order Clerks	280	250	-1.1
Postal Service Mail Sorters, Processors & Machine Operators	150	135	-1.0
Rolling Machine Setters, Operators & Tenders, Metal & Plastic	155	140	-1.0
Chemical Plant & System Operators	330	300	-0.9
Secretaries, Except Legal, Medical & Executive	1,825	1,690	-0.7
Mixing & Blending Machine Setters, Operators, & Tenders	210	195	-0.7
Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	140	130	-0.7
Structural Metal Fabricators & Fitters	160	150	-0.6
Tool Grinders, Filers & Sharpeners	95	90	-0.5
Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	195	185	-0.5
Electrical Power-Line Installers & Repairers	100	95	-0.5
Stock Clerks & Order Fillers	1,705	1,620	-0.5
Meter Readers, Utilities	205	195	-0.5
Cooks, Fast Food	620	590	-0.5

2012

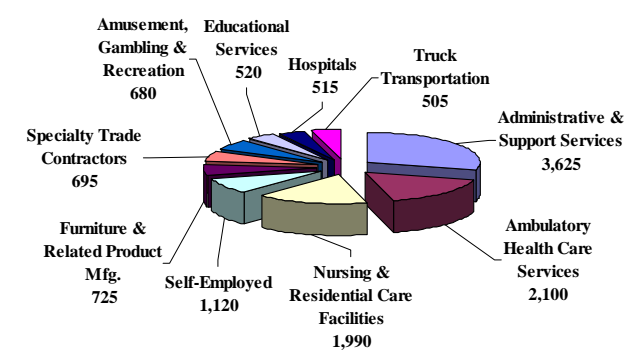
Job Outlook - Region 9

CLINTON, JACKSON, MUSCATINE, AND SCOTT

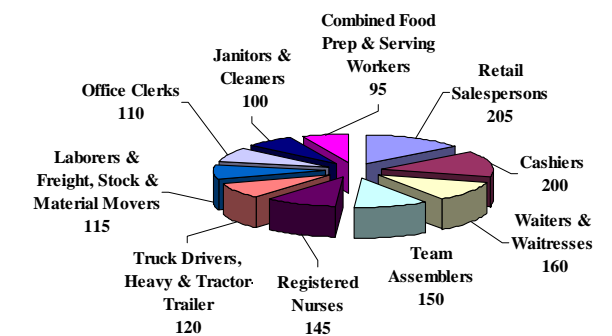
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational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



Industries with the Most Openings
2002-2012



Occupations with the Most Annual Openings
2002-2012



The Region 9 economy is expected to generate 19,100 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 5,700 annual job openings for the area. The Region 9 growth rate of 12.5% 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 9 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 9 2005 Average Hourly Wage
205	Retail Salespersons	\$9.73
200	Cashiers	7.26
160	Waiters & Waitresses	7.02
115	Laborers & Freight, Stock & Material Movers	9.71
110	Office Clerks, General	10.83
100	Janitors & Cleaners	9.80
95	Food Preparation & Serving Workers	7.38
85	Nursing Aides, Orderlies & Attendants	9.91
70	Food Preparation Workers	7.62
65	Maids & Housekeeping Cleaners	7.97
65	Stock Clerks & Order Fillers	9.34
55	Receptionists & Information Clerks	10.43



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 9 2005 Average Hourly Wage
145	Registered Nurses	\$20.34
75	Supervisors/Managers of Retail Sales Workers	17.54
50	Supervisors/Managers of Production & Operating Workers	24.01
35	Carpenters	19.02
35	Automotive Service Technicians & Mechanics	16.49
35	Welders, Cutters, Solderers & Brazers	17.05
30	Hairdressers, Hairstylists & Cosmetologists	11.76
30	Supervisors/Managers of Non-Retail Sales Workers	33.95
30	Supervisors/Managers of Office & Administrative Support Workers	17.85
25	Supervisors/Managers of Food Preparation & Serving Workers	12.60
25	Cooks, Restaurant	9.13

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 9 2005 Average Hourly Wage
150	Team Assemblers	\$12.63
120	Truck Drivers, Heavy & Tractor-Trailer	16.81
80	Customer Service Representatives	11.94
65	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	23.52
50	Bookkeeping, Accounting & Auditing Clerks	12.34
50	Maintenance & Repair Workers, General	15.05
35	Executive Secretaries and Administrative Assistants	14.99
35	Secretaries, except Legal, Medical & Executive	11.03
35	Slaughterers & Meat Packers	NS
30	Sales Representatives, Whsl. & Mfg., Technical & Scientific Products	26.05
30	Construction Laborers	15.57
	NS - Not surveyed	



Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 9 2005 Average Hourly Wage
55	General & Operations Managers	\$36.84
40	Secondary School Teachers, Except Special & Vocational Ed.	36,253*
35	Elementary School Teachers, except Special Ed.	35,070*
35	Licensed Practical & Licensed Vocational Nurses	14.85
30	Accountants & Auditors	25.52
25	Medical & Health Services Managers	31.54
25	Recreation Workers	NS
20	Mechanical Engineers	29.05
15	Financial Managers	38.69
15	Computer Systems Analysts	30.27
15	Middle School Teachers, except Special & Vocational Ed.	38,746*
	* Average annual wage	
	NS - Not surveyed	