

Growing and Declining Occupations

Growing Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Social & Human Service Assistants	210	305	4.5
Medical Assistants	100	140	4.5
Medical Records & Health Information Technicians	155	220	4.2
Mental Health & Substance Abuse Social Workers	50	70	4.0
Woodworking Machine Setters, Operators & Tenders, except Sawing	50	70	4.0
Personal & Home Care Aides	230	315	3.9
Physician Assistants	55	80	3.6
Home Health Aides	435	590	3.6
Dental Assistants	165	220	3.3
Dental Hygienists	75	95	3.3
Self-Enrichment Education Teachers	125	170	3.2
Pharmacists	70	90	2.9
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	90	115	2.8
Computer & Information Systems Managers	60	75	2.5
Set & Exhibit Designers	100	125	2.5
Public Relations Specialists	80	100	2.5
Industrial Machinery Mechanics	145	180	2.4
Social & Community Service Managers	105	125	2.4
Training & Development Specialists	85	105	2.4
Preschool Teachers, except Special Ed.	200	250	2.3

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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Declining Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Operators	195	155	-2.1
Agricultural & Food Science Technicians	325	260	-2.0
Data Entry Keyers	160	140	-1.6
Telemarketers	195	165	-1.5
Secretaries, except Legal, Medical & Executive	1,195	1,025	-1.4
Electrical Power-Line Installers & Repairers	120	105	-1.3
Chemical Equipment Operators & Tenders	80	65	-1.3
Police & Sheriff's Patrol Officers	315	280	-1.1
Library Assistants, Clerical	140	125	-1.1
Stock Clerks & Order Fillers	990	890	-1.1
Mixing & Blending Machine Setters, Operators & Tenders	190	170	-1.1
Fire Fighters	150	135	-1.0
Postal Service Mail Sorters, Processors & Machine Operators	240	220	-0.8
Switchboard Operators, Including Answering Service	135	125	-0.7
Parts Salespersons	210	195	-0.7
Bookkeeping, Accounting & Auditing Clerks	1,560	1,475	-0.5
Gaming Change Persons & Booth Cashiers	115	110	-0.4
Telecommunications Equipment Installers & Repairers, except Line Installers	135	130	-0.4
Cooks, Institution & Cafeteria	575	555	-0.3
Executive Secretaries & Administrative Assistants	630	605	-0.3
Supervisors/Managers of Office & Administrative Support Workers	810	785	-0.3

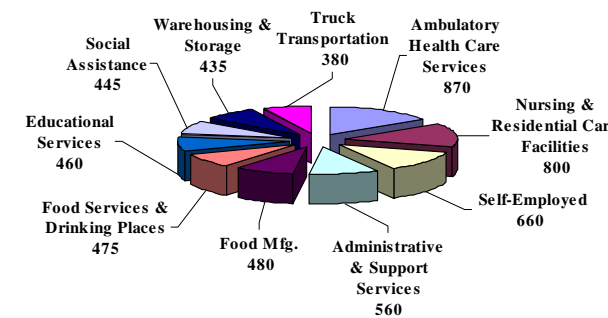
2012 Job Outlook - Region 12

CHEROKEE, IDA, MONONA, PLYMOUTH, AND WOODBURY

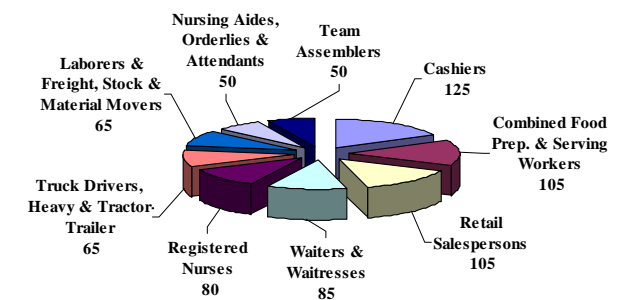
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 12 economy is expected to generate 7,100 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 2,800 annual job openings for the area. The Region 12 growth rate of 8.2% 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 12 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 12 2005 Average Hourly Wage
125	Cashiers	\$7.13
105	Food Preparation & Serving Workers	6.79
105	Retail Salespersons	8.96
85	Waiters & Waitresses	6.64
65	Laborers & Freight, Stock & Material Movers	9.87
50	Nursing Aides, Orderlies & Attendants	10.00
40	Janitors & Cleaners	9.86
40	Office Clerks, General	9.71
35	Stock Clerks & Order Fillers	9.15
35	Packers & Packagers, Hand	9.08
30	Food Preparation Workers	8.57
30	Child Care Workers	7.43
30	Farmworkers & Laborers, Crop, Nursery & Greenhouse	8.79
30	Meat, Poultry & Fish Cutters & Trimmers	NS
NS - Not surveyed		



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 12 2005 Average Hourly Wage
80	Registered Nurses	\$20.87
25	Supervisors/Managers of Retail Sales Workers	16.35
20	Carpenters	14.45
15	Licensed Practical & Licensed Vocational Nurses	16.09
15	Supervisors/Managers of Food Preparation & Serving Workers	12.03
15	Cooks, Restaurant	8.00
15	Supervisors/Managers of Office & Administrative Support Workers	18.30
15	Automotive Service Technicians & Mechanics	13.61
15	Supervisors/Managers of Production & Operating Workers	22.41
10	Hairdressers, Hairstylists & Cosmetologists	10.85
10	Supervisors/Managers of Farming, Fishing & Forestry Workers	NS
10	Welders, Cutters, Solderers & Brazers	15.82
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 12 2005 Average Hourly Wage
65	Truck Drivers, Heavy & Tractor-Trailer	\$15.03
50	Team Assemblers	11.68
40	Slaughterers & Meat Packers	12.15
30	Bookkeeping, Accounting & Auditing Clerks	12.51
25	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	21.79
25	Customer Service Representatives	11.27
25	Construction Laborers	10.65
25	Secretaries, Except Legal, Medical & Executive	11.67
20	Maintenance & Repair Workers, General	14.16
20	Cooks, Institution & Cafeteria	8.84
15	Social & Human Service Assistants	11.79
10	Executive Secretaries & Administrative Assistants	14.23



Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 12 2005 Average Hourly Wage
25	Elementary School Teachers, except Special Ed.	\$30,326*
25	Secondary School Teachers, except Special & Vocational Ed.	34,887*
20	General & Operations Managers	35.71
15	Farm, Ranch & Other Agricultural Managers	NS
10	Medical & Health Services Managers	31.04
10	Accountants & Auditors	22.29
10	Middle School Teachers, except Special & Vocational Education	35,861*
10	Recreation Workers	8.23
5	Sales Managers	36.19
5	Financial Managers	36.35
5	Education Administrators, Elementary & Secondary School	64,491*
5	Loan Officers	22.17
5	Special Ed. Teachers, Preschool, Kindergarten & Elementary School	35,284*
*Average annual wage		
NS - Not surveyed		