

Growing and Declining Occupations

Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Medical Assistants	255	400	5.7
Social & Human Service Assistants	430	650	5.1
Network & Computer Systems Administrators	335	495	4.8
Computer Software Engineers, Applications	985	1,455	4.8
Database Administrators	180	265	4.7
Computer Systems Analysts	1,055	1,555	4.7
Network Systems & Data Communications Analysts	160	235	4.7
Biological Technicians	130	190	4.6
Tile & Marble Setters	45	65	4.4
Philosophy & Religion Teachers, Postsecondary	80	115	4.4
Dental Hygienists	285	400	4.2
Personal & Home Care Aides	195	275	4.1
Self-Enrichment Education Teachers	860	1,210	4.1
Compensation, Benefits & Job Analysis Specialists	160	225	4.1
Sales Managers	395	555	4.1
Medical Records & Health Information Technicians	275	390	4.0
Cement Masons & Concrete Finishers	515	720	4.0
Heating, Air Conditioning & Refrigeration Mechanics & Installers	205	280	3.9
Law Teachers, Postsecondary	65	90	3.8
Claims Adjusters, Examiners & Investigators	525	725	3.8
Dental Assistants	500	695	3.8
Home Health Aides	1,030	1,420	3.8

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

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Word Processors & Typists	540	395	-2.7
Electrical & Electronic Equipment Assemblers	1,355	1,050	-2.3
Agricultural & Food Science Technicians	465	365	-2.0
Computer Operators	450	375	-1.8
Chemical Equipment Operators & Tenders	130	115	-1.2
Computer Hardware Engineers	300	270	-1.0
Procurement Clerks	100	90	-1.0
Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	205	185	-1.0
Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	105	95	-1.0
Order Clerks	435	395	-0.9
Meter Readers, Utilities	85	80	-0.6
Eligibility Interviewers, Government Programs	95	95	-0.5
Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	100	95	-0.5
Electrical Engineers	425	405	-0.5
Control & Valve Installers & Repairers, except Mechanical Door	115	110	-0.4
Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	230	220	-0.4
Prepress Technicians & Workers	235	220	-0.4
Secretaries, except Legal, Medical & Executive	4,115	3,945	-0.4
Bindery Workers	255	245	-0.4
File Clerks	285	275	-0.4

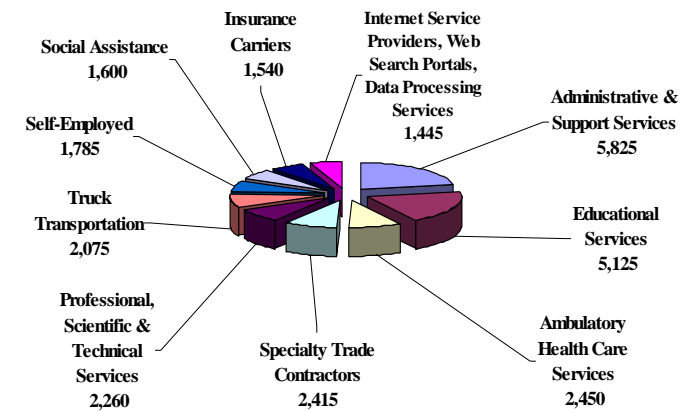
2012 Job Outlook - Region 10

BENTON, CEDAR, IOWA, JOHNSON, JONES, LINN AND WASHINGTON

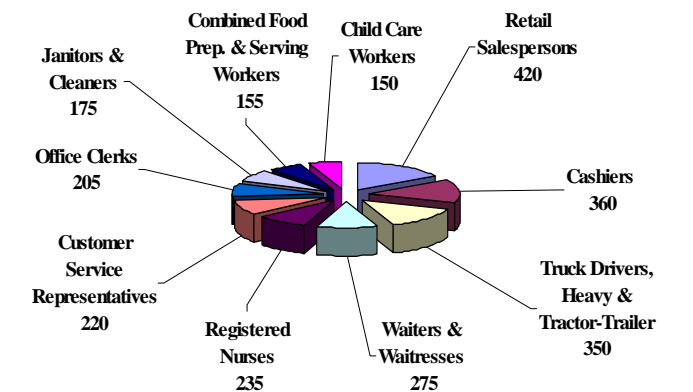
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 10 economy is expected to generate 40,700 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 10,200 annual job openings for the area. The Region 10 growth rate of 16% is higher than the state projected rate of 13.5%. The services 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 10 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 10 2005 Average Hourly Wage
420	Retail Salespersons	\$10.32
360	Cashiers	7.94
275	Waiters & Waitresses	7.04
205	Office Clerks, General	11.87
175	Janitors & Cleaners	10.5
155	Food Preparation & Serving Workers	7.73
150	Child Care Workers	8.23
135	Laborers & Freight, Stock & Material Movers	11.11
120	Food Preparation Workers	7.78
105	Teacher Assistants	18,937*
100	Stock Clerks & Order Fillers	10.36
85	Packers & Packagers, Hand	9.54

* Average annual wage



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 10 2005 Average Hourly Wage
235	Registered Nurses	\$22.53
135	Supervisors/Managers of Retail Sales Workers	16.02
85	Carpenters	15.45
75	Supervisors/Managers of Office & Administrative Support Workers	21.77
55	Supervisors/Managers of Production & Operating Workers	21.56
50	Computer Support Specialists	18.89
50	Supervisors/Managers of Food Preparation & Serving Workers	12.73
50	Cooks, Restaurant	9.64
50	Supervisors/Managers of Construction Trades & Extraction Workers	26.26
45	Self-Enrichment Education Teachers	NS
45	Hairdressers, Hairstylists & Cosmetologists	11.28
45	Supervisors/Managers of Mechanics, Installers & Repairers	26.12
45	Automotive Service Technicians & Mechanics	14.72

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 10 2005 Average Hourly Wage
350	Truck Drivers, Heavy & Tractor-Trailer	\$14.69
220	Customer Service Representatives	12.88
115	Team Assemblers	15.03
105	Bookkeeping, Accounting & Auditing Clerks	13.57
80	Secretaries, except Legal, Medical & Executive	13.68
75	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	23.53
75	Maintenance & Repair Workers, General	16.48
70	Executive Secretaries & Administrative Assistants	16.71
65	Construction Laborers	15.60
35	Dental Assistants	14.36
30	Demonstrators & Product Promoters	11.56
30	Cement Masons & Concrete Finishers	16.46



Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 10 2005 Average Hourly Wage
95	General & Operations Managers	\$42.75
90	Elementary School Teachers, except Special Ed.	33,584*
80	Accountants & Auditors	25.72
80	Secondary School Teachers, except Special & Vocational Ed.	33,495*
60	Computer Systems Analysts	30.42
55	Computer Software Engineers, Applications	34.76
50	Middle School Teachers, except Special & Vocational Ed.	32,938*
35	Computer Software Engineers, Systems Software	NS
30	Computer & Information Systems Managers	40.12
30	Medical & Health Services Managers	30.93
30	Management Analysts	28.45
30	Health Specialties Teachers, Postsecondary	NS

* Average annual wage
NS - Not surveyed