

Growing and Declining Occupations

Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Cementing & Gluing Machine Operators & Tenders	60	85	4.2
Art, Drama, & Music Teachers, Postsecondary	50	70	4.0
Coating, Painting & Spraying Machine Setters, Operators & Tenders	90	120	3.9
Public Relations Specialists	45	60	3.3
Home Health Aides	105	135	2.9
Nursing Aides, Orderlies & Attendants	795	1,015	2.8
Industrial Engineers	55	70	2.7
Hotel, Motel & Resort Desk Clerks	55	70	2.7
Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	110	140	2.7
Special Ed. Teachers, Preschool, Kindergarten & Elementary School	75	100	2.7
Welders, Cutters, Solderers & Brazers	280	345	2.5
Personal & Home Care Aides	100	125	2.5
Medical & Health Services Managers	125	155	2.4
Computer Systems Analysts	105	130	2.4
Education Administrators, Postsecondary	65	80	2.3
Computer Support Specialists	90	105	2.2
Maids & Housekeeping Cleaners	325	395	2.2
Sales Managers	70	85	2.1
Meat, Poultry & Fish Cutters & Trimmers	95	115	2.1
Combined Food Preparation & Serving Workers	670	810	2.1

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.

2012 Job Outlook - Region 6

HARDIN, MARSHALL, POWESHIEK AND TAMA

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



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:

Labor Market and Economic Research Bureau
Policy and Information Division



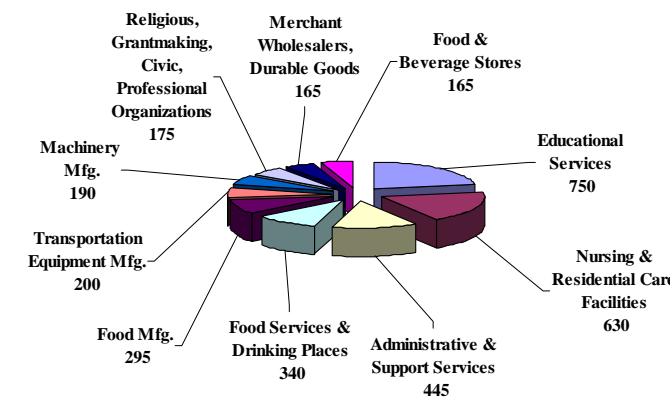
Iowa Workforce Development
1000 East Grand Avenue
Des Moines, Iowa 50319-0209
(515) 281-6642

www.iowaworkforce.org

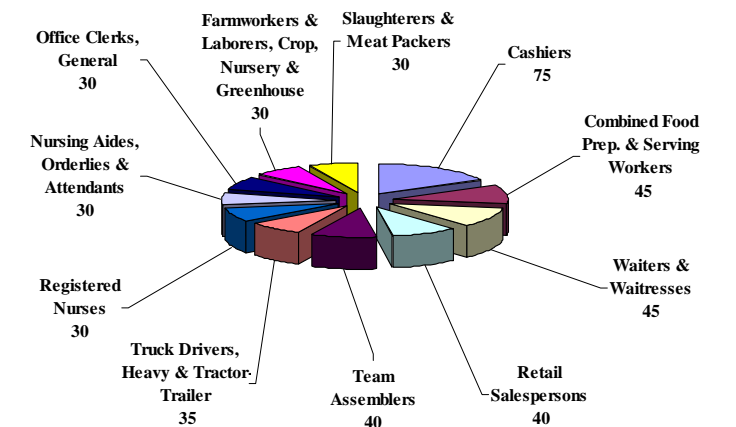
Declining Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Agricultural & Food Science Technicians	260	225	-1.5
Secretaries, except Legal, Medical & Executive	730	655	-1.0
Order Clerks	110	100	-0.9
Postal Service Mail Carriers	190	185	-0.5
Animal Trainers	195	185	-0.5
Bookkeeping, Accounting & Auditing Clerks	1,010	965	-0.4
Nonfarm Animal Caretakers	230	230	-0.2
Laborers & Freight, Stock & Material Movers, Hand	590	580	-0.2
Tellers	310	305	-0.2
Stock Clerks & Order Fillers	585	585	-0.1

Industries with the Most Openings
2002-2012



Occupations with the Most Annual Openings
2002-2012



The Region 6 economy is expected to generate 5,300 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 1,800 annual job openings for the area. The Region 6 growth rate of 10.4% is lower than the state projected rate of 13.5%. Services and the manufacturing 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 6 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 6 2005 Average Hourly Wage
75	Cashiers	7.43
45	Food Preparation & Serving Workers	6.57
45	Waiters & Waitresses	6.27
40	Retail Salespersons	12.81
30	Nursing Aides, Orderlies & Attendants	10.87
30	Office Clerks, General	9.94
30	Farmworkers & Laborers, Crop, Nursery & Greenhouse	NS
25	Janitors & Cleaners	9.04
25	Farmworkers, Farm & Ranch Animals	NS
20	Teacher Assistants	15,535*
20	Stock Clerks & Order Fillers	10.48
20	Laborers & Freight, Stock & Material Movers	10.33
* Average annual wage		
NS - Not surveyed		



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 6 2005 Average Hourly Wage
30	Registered Nurses	\$20.82
25	Butchers & Meat Cutters	NS
15	Supervisors/Managers of Retail Sales Workers	17.49
15	Supervisors/Managers of Production & Operating Workers	22.48
15	Welders, Cutters, Solderers & Brazers	15.64
10	Licensed Practical & Licensed Vocational Nurses	16.39
10	Supervisors/Managers of Food Preparation & Serving Workers	13.60
10	Cooks, Restaurant	8.44
10	Supervisors/Managers of Non-Retail Sales Workers	26.42
10	Supervisors/Managers of Farming, Fishing & Forestry Workers	NS
10	Carpenters	NS
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 6 2005 Average Hourly Wage
40	Team Assemblers	\$13.50
35	Truck Drivers, Heavy & Tractor-Trailer	12.22
30	Slaughterers & Meat Packers	NS
20	Bookkeeping, Accounting & Auditing Clerks	12.49
20	Maintenance & Repair Workers, General	15.43
15	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	26.25
15	Customer Service Representatives	11.69
15	Secretaries, except Legal, Medical & Executive	13.49
10	Correctional Officers & Jailers	15.51
10	Cooks, Institution & Cafeteria	10.12
10	Executive Secretaries & Administrative Assistants	15.81
10	Agricultural Equipment Operators	NS
10	Construction Laborers	13.39
NS - Not surveyed		



Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 6 2005 Average Hourly Wage
25	Elementary School Teachers, except Special Ed.	\$41,050*
20	Secondary School Teachers, except Special & Vocational Ed.	32,504*
15	Farm, Ranch & Other Agricultural Managers	NS
15	General & Operations Managers	44.54
10	Accountants & Auditors	25.35
10	Recreation Workers	16.68
5	Industrial Production Managers	31.31
5	Medical & Health Services Managers	31.35
5	Computer Systems Analysts	29.80
5	Mechanical Engineers	30.27
5	Child, Family & School Social Workers	18.98
5	Middle School Teachers, except Special & Vocational Ed.	NS
5	Special Ed. Teachers, Preschool, Kindergarten & Elementary School	NS
* Average annual wage		
NS - Not surveyed		