

Growing and Declining Occupations

Growing Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Social & Human Service Assistants	150	230	5.7
Personal & Home Care Aides	90	125	3.3
Sales Managers	95	125	3.2
Medical & Health Services Managers	100	130	3.0
Nursing Aides, Orderlies & Attendants	775	990	2.8
Registered Nurses	645	820	2.7
Graphic Designers	75	95	2.7
Customer Service Representatives	290	370	2.6
Cement Masons & Concrete Finishers	60	75	2.5
Helpers, Production Workers	60	75	2.5
Printing Machine Operators	85	110	2.4
Security Guards	65	80	2.3
Combined Food Preparation & Serving Workers	405	490	2.2
Home Health Aides	135	165	2.2
Production, Planning & Expediting Clerks	70	85	2.1
Plumbers, Pipefitters & Steamfitters	70	85	2.1
Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	310	375	2.1
Janitors & Cleaners	610	740	2.0
Counter & Rental Clerks	50	55	2.0
Demonstrators & Product Promoters	150	180	2.0
Receptionists & Information Clerks	205	245	2.0

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 (%)
Agricultural & Food Science Technicians	240	190	-2.1
Computer Operators	150	125	-1.7
Secretaries, except Legal, Medical & Executive	690	595	-1.4
Middle School Teachers, except Special & Vocational Ed.	210	195	-1.0
Parts Salespersons	85	80	-0.6
Nonfarm Animal Caretakers	210	200	-0.5
Bookkeeping, Accounting & Auditing Clerks	910	870	-0.4
Executive Secretaries & Administrative Assistants	305	295	-0.3
Elementary School Teachers, except Special Ed.	320	310	-0.3
Postal Service Mail Carriers	165	160	-0.3
Stock Clerks & Order Fillers	360	350	-0.3
Cooks, Institution & Cafeteria	365	355	-0.3
Supervisors/Managers of Office & Administrative Support Workers	365	355	-0.3
Animal Trainers	200	190	-0.3
Bus Drivers, School	240	235	-0.2

2012

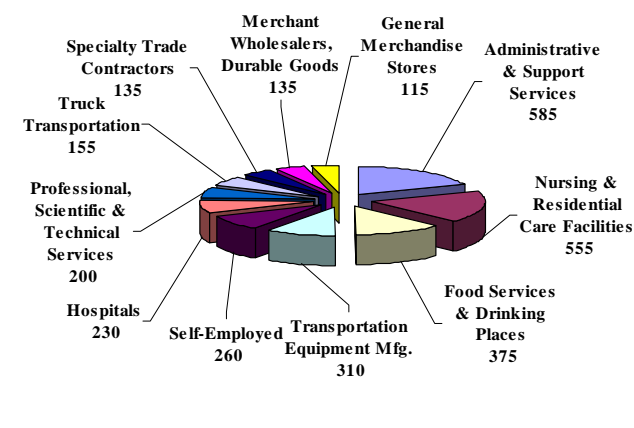
Job Outlook - Region 3

CLAY, DICKINSON, EMMET, KOSSUTH AND PALO ALTO

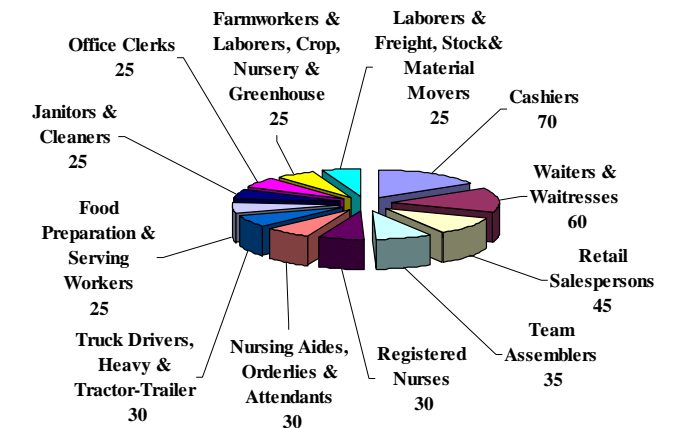
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 3 economy is expected to generate 4,000 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 1,400 annual job openings for the area. The Region 3 growth rate of 9.9% is lower than the state projected rate of 13.5%. Health care and administrative and support 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 3 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 3 2005 Average Hourly Wage
70	Cashiers	\$7.64
60	Waiters & Waitresses	6.31
45	Retail Salespersons	10.28
30	Nursing Aides, Orderlies & Attendants	10.20
25	Food Preparation & Serving Workers	6.77
25	Janitors & Cleaners	10.10
25	Office Clerks, General	10.21
25	Farmworkers & Laborers, Crop, Nursery & Greenhouse	NS
25	Laborers & Freight, Stock & Material Movers	10.25
20	Farmworkers, Farm & Ranch Animals	NS
15	Bartenders	7.12
15	Maids & Housekeeping Cleaners	7.57
NS - Not surveyed		



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 3 2005 Average Hourly Wage
30	Registered Nurses	\$18.31
20	Supervisors/Managers of Retail Sales Workers	18.50
15	Cooks, Restaurant	7.12
15	Carpenters	13.57
15	Machinists	NS
15	Welders, Cutters, Solderers & Brazers	15.73
10	Supervisors/Managers of Office & Administrative Support Workers	18.36
10	Supervisors/Managers of Farming, Fishing & Forestry Workers	20.71
10	Automotive Service Technicians & Mechanics	13.29
10	Supervisors/Managers of Production & Operating Workers	19.44
5	Licensed Practical & Licensed Vocational Nurses	14.06
5	Supervisors/Managers of Food Preparation & Serving Workers	11.77
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 3 2005 Average Hourly Wage
35	Team Assemblers	\$12.51
30	Truck Drivers, Heavy & Tractor-Trailer	14.92
15	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	21.40
15	Bookkeeping, Accounting & Auditing Clerks	11.34
15	Secretaries, except Legal, Medical & Executive	11.53
10	Social & Human Service Assistants	10.27
10	Cooks, Institution & Cafeteria	9.24
10	Customer Service Representatives	12.09
10	Maintenance & Repair Workers, General	13.70
	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	NS
10	Plastic	NS
5	Agricultural Equipment Operators	NS
NS - Not surveyed		

Bachelor's Degree or Above



Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 3 2005 Average Hourly Wage
15	General & Operations Managers	\$34.33
10	Farm, Ranch & Other Agricultural Managers	NS
10	Accountants & Auditors	23.45
10	Secondary School Teachers, except Special & Vocational Ed.	36,610*
5	Sales Managers	32.01
5	Financial Managers	30.69
5	Medical & Health Services Managers	26.16
5	Chief Executives	46.68
5	Loan Officers	22.63
5	Elementary School Teachers, except Special & Vocational Ed.	27,554*
5	Middle School Teachers, except Special & Vocational Ed.	35,191*
5	Recreation Workers	NS
*Average annual wage		
NS - Not surveyed		