

Growing and Declining Occupations

Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Network Systems & Data Communications Analysts	55	85	5.5
Physician Assistants	60	90	5.0
Physical Therapist Assistants	40	60	5.0
Computer Software Engineers, Applications	115	170	4.8
Social & Human Service Assistants	360	520	4.4
Pharmacists	115	165	4.3
Medical Assistants	105	150	4.3
Computer Software Engineers, Systems Software	75	105	4.0
Home Health Aides	340	475	4.0
Personal & Home Care Aides	410	570	3.9
Mental Health & Substance Abuse Social Workers	65	90	3.8
Medical Records & Health Information Technicians	105	145	3.8
Respiratory Therapists	40	60	3.8
Computer Systems Analysts	220	295	3.6
Public Relations Specialists	55	75	3.6
Dental Hygienists	110	155	3.6
Pharmacy Technicians	125	170	3.6
Dental Assistants	225	305	3.6
Woodworking Machine Setters, Operators & Tenders, except Sawing	85	110	3.5
Physical Therapists	60	80	3.3
Interviewers, except Eligibility & Loan	60	80	3.3
Reservation & Transportation Ticket Agents & Travel Clerks	45	60	3.3

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

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Telephone Operators	150	85	-4.3
Word Processors & Typists	165	130	-2.4
Computer Operators	185	145	-1.9
Agricultural & Food Science Technicians	295	245	-1.7
Order Clerks	160	135	-1.6
Data Entry Keyers	190	170	-1.1
Postal Service Mail Sorters, Processors & Machine Operators	255	230	-1.0
File Clerks	110	100	-0.9
Telemarketers	290	275	-0.7
Secretaries, Except Legal, Medical & Executive	1,545	1,440	-0.7
Purchasing Agents & Buyers, Farm Products	75	70	-0.7
Stock Clerks & Order Fillers	1,175	1,115	-0.5
Bindery Workers	100	95	-0.5
Cooks, Institution & Cafeteria	545	520	-0.5
Photographic Process Workers	125	120	-0.4
Electrical & Electronic Equipment Assemblers	140	135	-0.4
Postal Service Mail Carriers	365	355	-0.3
Parts Salespersons	210	205	-0.2
Engine & Other Machine Assemblers	210	205	-0.2
Bus Drivers, Transit & Intercity	260	255	-0.2

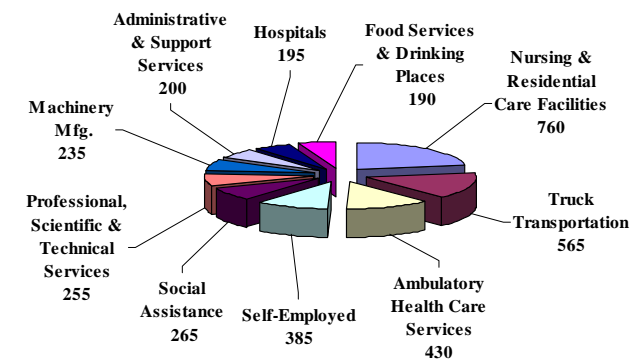
2012 Job Outlook - Region 7

BLACK HAWK, BREMER, BUCHANAN, BUTLER, AND GRUNDY

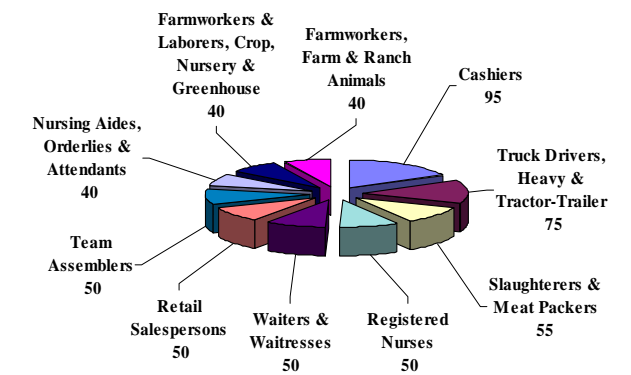
The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 7 economy is expected to generate 13,200 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 4,000 annual job openings for the area. The Region 7 growth rate of 12.0% is lower than the state projected rate of 13.5%. Health care and 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 7 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 7 2005 Average Hourly Wage
160	Retail Salespersons	\$10.47
155	Waiters & Waitresses	6.58
140	Cashiers	7.35
90	Food Preparation & Serving Workers	7.05
75	Janitors & Cleaners	9.28
70	Child Care Workers	6.73
70	Office Clerks, General	10.50
55	Laborers & Freight, Stock & Material Movers	10.78
50	Nursing Aides, Orderlies & Attendants	10.16
45	Tellers	10.11
45	Receptionists & Information Clerks	9.79
45	Stock Clerks & Order Fillers	9.96



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 7 2005 Average Hourly Wage
95	Registered Nurses	\$21.45
50	Supervisors/Managers of Retail Sales Workers	17.32
45	Supervisors/Managers of Production & Operating Workers	26.83
30	Carpenters	14.85
30	Welders, Cutters, Solderers & Brazers	17.43
25	Licensed Practical & Licensed Vocational Nurses	14.46
25	Automotive Service Technicians and Mechanics	15.96
25	Supervisors/Managers of Office & Administrative Support Workers	18.00
20	Hairdressers, Hairstylists, and Cosmetologists	11.11
20	Supervisors/Managers of Food Preparation & Serving Workers	11.55
20	Numerical Tool & Process Control Programmers	NS
20	Machinists	NS

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.

NS - Not surveyed

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 7 2005 Average Hourly Wage
75	Customer Service Representatives	\$12.11
60	Team Assemblers	NS
55	Slaughterers & Meat Packers	11.85
55	Truck Drivers, Heavy & Tractor-Trailer	15.40
35	Bookkeeping, Accounting & Auditing Clerks	12.11
35	Maintenance & Repair Workers, General	16.38
30	Secretaries, except Legal, Medical & Executive	12.22
25	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	22.21
25	Construction Laborers	11.96
20	Social & Human Service Assistants	11.21
20	Executive Secretaries & Administrative Assistants	15.84
15	Cooks, Institution & Cafeteria	8.85
	NS - Not surveyed	

Bachelor's Degree or Above



Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 7 2005 Average Hourly Wage
35	General & Operations Managers	\$43.45
35	Elementary School Teachers, except Special Ed.	40,235*
35	Secondary School Teachers, except Special & Vocational Ed.	36,110*
20	Accountants & Auditors	22.94
20	Graduate Teaching Assistants	NS
15	Farm, Ranch & Other Agricultural Managers	NS
15	Middle School Teachers, except Special & Vocational Ed.	37,393*
15	Recreation Workers	7.10
10	Medical & Health Services Managers	28.37
10	Computer Systems Analysts	22.31
10	Sales Managers	36.05
10	Financial Managers	38.77
10	Chief Executives	50.85
	* Average annual wage	
	NS - Not surveyed	