

Growing and Declining Occupations

Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Medical Assistants	75	115	5.3
Social & Human Service Assistants	190	295	5.3
Microbiologists	50	70	5.0
Medical Records & Health Information Technicians	90	130	4.4
Biological Technicians	125	180	4.4
Pharmacists	50	70	4.0
Personal & Home Care Aides	125	170	3.6
Dental Hygienists	70	100	3.6
Dental Assistants	100	135	3.5
Hotel, Motel & Resort Desk Clerks	30	40	3.3
Computer Support Specialists	70	85	2.9
Dispatchers, Except Police, Fire & Ambulance	55	70	2.7
Telecommunications Line Installers & Repairers	55	65	2.7
Computer & Information Systems Managers	60	75	2.5
Computer Systems Analysts	80	105	2.5
Self-Enrichment Education Teachers	100	125	2.5
Coating, Painting & Spraying Machine Setters, Operators & Tenders	60	75	2.5
Registered Nurses	1,120	1,390	2.4
Sales Managers	125	155	2.4
Welders, Cutters, Solderers & Brazers	300	370	2.3
Medical & Health Services Managers	180	220	2.2

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

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Agricultural & Food Science Technicians	395	320	-1.9
Computer Operators	215	180	-1.6
Secretaries, except Legal, Medical & Executive	1,155	970	-1.6
Mixing & Blending Machine Setters, Operators & Tenders	145	120	-1.4
Data Entry Keyers	110	95	-1.4
Bookkeeping, Accounting & Auditing Clerks	1,320	1,210	-0.8
Parts Salespersons	130	120	-0.8
Postal Service Mail Sorters, Processors & Machine Operators	170	160	-0.6
Stock Clerks & Order Fillers	545	515	-0.6
Middle School Teachers, except Special & Vocational Ed.	390	370	-0.5
Executive Secretaries & Administrative Assistants	500	470	-0.5
Vocational Ed. Teachers, Secondary School	100	95	-0.5
Switchboard Operators, Including Answering Service	105	100	-0.5
Electrical Power-Line Installers & Repairers	105	100	-0.5
Laborers & Freight, Stock & Material Movers, Hand	960	915	-0.5
Bartenders	340	325	-0.4
Cooks, Institution & Cafeteria	620	595	-0.4
Supervisors/Managers of Office & Administrative Support Workers	570	545	-0.4
Nonfarm Animal Caretakers	300	290	-0.3
Conveyor Operators & Tenders	185	175	-0.3

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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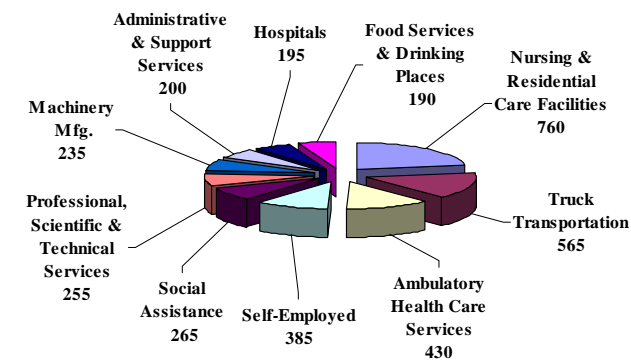
Job Outlook - Region 5

BUENA VISTA, CALHOUN, HAMILTON, HUMBOLDT, POCAHONTAS,
WEBSTER, AND WRIGHT

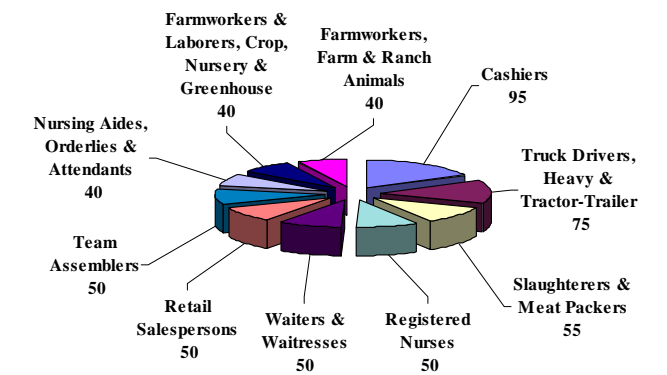


The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 5 economy is expected to generate 4,800 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 2,100 annual job openings for the area. The Region 5 growth rate of 7.4% 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 5 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 5 2005 Average Hourly Wage
95	Cashiers	\$7.96
50	Retail Salespersons	\$9.55
50	Waiters & Waitresses	6.54
40	Farmworkers & Laborers, Crop, Nursery & Greenhouse	NS
40	Farmworkers, Farm & Ranch Animals	10.35
40	Nursing Aides, Orderlies & Attendants	9.71
35	Office Clerks, General	10.29
35	Food Preparation & Serving Workers	6.66
35	Child Care Workers	7.76
30	Laborers & Freight, Stock & Material Movers	10.72
25	Janitors & Cleaners	9.18
	NS - Not surveyed	



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 5 2005 Average Hourly Wage
50	Registered Nurses	\$19.28
20	Cooks, Institution & Cafeteria	\$8.70
20	Supervisors/Managers of Retail Sales Workers	14.58
20	Supervisors/Managers of Production & Operating Workers	20.52
15	Carpenters	12.72
15	Supervisors/Managers of Farming Fishing & Forestry Workers	22.15
15	Machinists	NS
15	Welders, Cutters, Solderers & Brazers	13.20
10	Cooks, Restaurant	8.85
10	Supervisors/Managers of Food Preparation & Serving Workers	13.82
10	Choreographers	NS
10	Supervisors/Managers of Mechanics, Installers & Repairers	19.77
10	Hairdressers, Hairstylists & Cosmetologists	11.10
	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 5 2005 Average Hourly Wage
75	Truck Drivers, Heavy & Tractor-Trailer	\$15.26
55	Slaughterers & Meat Packers	10.74
50	Team Assemblers	11.60
25	Bookkeeping, Accounting & Auditing Clerks	11.86
20	Secretaries, except Legal, Medical & Executive	10.95
15	Maintenance & Repair Workers, General	15.12
15	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	21.69
15	Customer Service Representatives	12.17
15	Social & Human Service Assistants	11.76
10	Executive Secretaries & Administrative Assistants	14.96
10	Agricultural Equipment Operators	11.59



Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 5 2005 Average Hourly Wage
20	General & Operations Managers	\$35.62
20	Secondary School Teachers, except Special & Vocational Ed.	32,521*
15	Elementary School Teachers, except Special Ed.	\$31,457
15	Farm, Ranch & Other Agricultural Managers	40.73
10	Middle School Teachers, except Special & Vocational Ed.	29,675*
10	Accountants & Auditors	21.66
10	Recreation Workers	8.52
5	Medical & Health Services Managers	23.54
5	Sales Managers	36.87
5	Chief Executives	58.01
5	Loan Officers	28.01
	* Average annual wage	