

Growing and Declining Occupations

Growing Occupations

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Software Engineers, Systems Software	50	85	7.0
Surveying & Mapping Technicians	35	55	5.7
Pharmacists	75	100	4.0
Furniture Finishers	50	65	4.0
Hotel, Motel & Resort Desk Clerks	95	125	3.7
Pharmacy Technicians	55	70	3.6
Sales Managers	90	120	3.3
Computer Systems Analysts	60	80	3.3
Painters, Transportation Equipment	60	80	3.3
Medical Records & Health Information Technicians	125	165	3.2
Welders, Cutters, Solderers & Brazers	645	845	3.1
Cement Masons & Concrete Finishers	190	250	2.9
Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	240	305	2.7
Computer Support Specialists	75	90	2.7
Medical & Health Services Managers	250	310	2.6
Fiberglass Laminators & Fabricators	235	295	2.6
Coating, Painting & Spraying Machine Setters, Operators & Tenders	80	100	2.5
Helpers, Installation, Maintenance & Repair Workers	60	75	2.5
Preschool Teachers, except Special Education	125	155	2.4

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

Occupational Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Computer Operators	130	100	-2.3
Agricultural & Food Science Technicians	330	260	-2.1
Electrical Power-Line Installers & Repairers	80	60	-1.9
File Clerks	90	75	-1.7
Secretaries, except Legal, Medical & Executive	930	785	-1.6
Postal Service Mail Sorters, Processors & Machine Operators	100	85	-1.0
Cooks, Institution & Cafeteria	405	370	-0.9
Middle School Teachers, except Special & Vocational Ed.	295	270	-0.7
Postal Service Mail Carriers	255	240	-0.6
Animal Trainers	175	160	-0.6
Bus Drivers, School	365	345	-0.5
Chemical Equipment Operators & Tenders	305	290	-0.5
Cooks, Fast Food	645	620	-0.5
Bartenders	360	345	-0.4
Nonfarm Animal Caretakers	240	230	-0.4
Parts Salespersons	165	160	-0.3
Executive Secretaries & Administrative Assistants	525	515	-0.3
Elementary School Teachers, except Special Education	600	585	-0.3
Medical Secretaries	285	280	-0.2
Stock Clerks & Order Fillers	870	855	-0.2

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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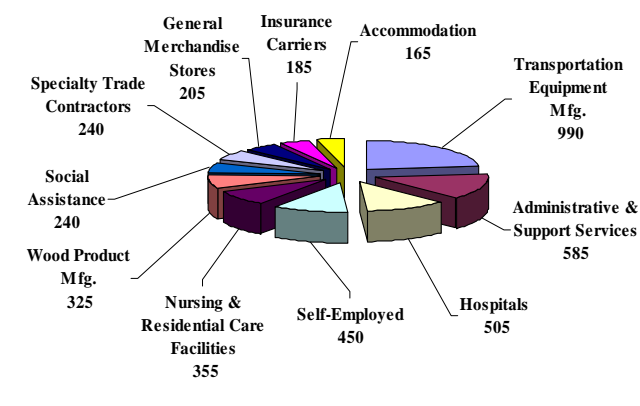
Job Outlook - Region 2

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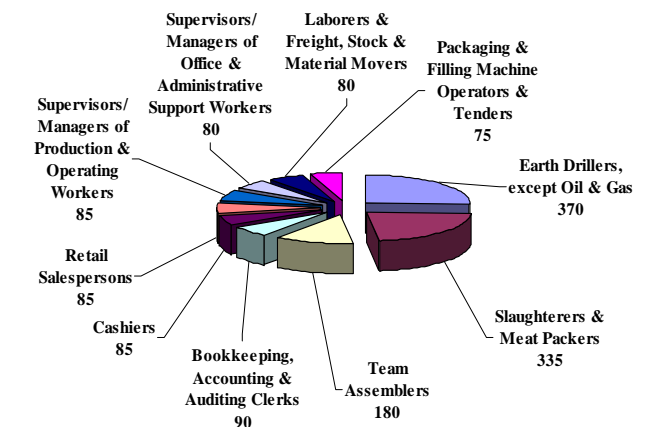


The 2012 Job Outlook presents a summary of information about the Iowa job market and economy for ten years from 2002 to 2012. Graphs and tables depict information on industries and occupations that will impact our state's economic outlook through the year 2012. Detailed information for industry and occupational 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 2 economy is expected to generate 10,100 jobs which includes new jobs and replacements between the years 2002 and 2012. This will result in 4,100 annual job openings for the area. The Region 2 growth rate of 7.8% is lower than the state projected rate of 13.5%. Manufacturing and health care 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 2 — Occupations With Largest Total Annual Openings By Education Level

Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 2 2005 Average Hourly Wage
85	Cashiers	\$6.77
85	Retail Salespersons	9.33
80	Laborers & Freight, Stock & Material Movers	11.80
75	Packaging & Filling Machine Operators & Tenders	11.64
55	Waiters & Waitresses	6.29
50	Meat, Poultry & Fish Cutters & Trimmers	NS
50	Food Batchmakers	NS
50	Industrial Truck & Tractor Operators	13.73
45	Office Clerks, General	9.39
45	Janitors & Cleaners	10.26
40	Food & Serving Workers	6.39
40	Packers & Packagers, Hand	7.57
	NS - Not surveyed	



Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 2 2005 Average Hourly Wage
85	Supervisors/Managers of Production & Operating Workers	\$20.97
80	Supervisors/Managers of Office & Administrative Support Workers	18.56
75	Supervisors/Managers of Construction Trades & Extraction Workers	16.89
75	Butchers & Meat Cutters	11.46
55	Registered Nurses	21.25
40	Welders, Cutters, Solderers & Brazers	13.67
20	Supervisors/Managers of Retail Sales Workers	14.60
20	Industrial Machinery Mechanics	16.27
15	Graders & Sorters, Agricultural Products	12.65
15	Supervisors/Managers of Mechanics, Installers & Repairers	21.07
15	Machinists	14.11
15	Automotive Service Technicians & Mechanics	14.41

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.

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 2 2005 Average Hourly Wage
370	Earth Drillers, Except Oil & Gas	NS
335	Slaughterers & Meat Packers	NS
180	Team Assemblers	\$12.66
90	Bookkeeping, Accounting & Auditing Clerks	11.54
65	Maintenance & Repair Workers, General	14.64
45	Truck Drivers, Heavy & Tractor-Trailer	15.88
35	Customer Service Representatives	NS
30	Sales Representatives, Whsl. & Mfg., except Technical & Scientific Products	23.10
25	Sewing Machine Operators	11.08
	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	NS
20	Inspectors, Testers, Sorters, Samplers & Weighers	14.13
20	Secretaries, except Legal, Medical & Executive	10.95
	NS - Not surveyed	

The more education obtained the wider the door opens to career choices and the possibility for increased wages.

Bachelor's Degree or Above



Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 2 2005 Average Hourly Wage
30	General & Operations Managers	32.93
15	Industrial Production Managers	33.30
15	Farm, Ranch & Other Agricultural Managers	NS
15	Elementary School Teachers, except Special & Vocational Ed.	33,246*
15	Secondary School Teachers, except Special & Vocational Ed.	31,708*
10	Medical & Health Services Managers	NS
10	Accountants & Auditors	22.13
5	Chief Executives	60.26
5	Sales Managers	NS
5	Industrial Engineers	26.03
5	Middle School Teachers, except Special & Vocational Ed.	35,895*
5	Recreation Workers	11.28
	*Average annual wage	
	NS - Not surveyed	