

# Growing and Declining Occupations

## Growing Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Medical Assistants	80	120	5.0
Computer Software Engineers, Systems Software	45	70	4.4
Pharmacists	45	65	4.4
Medical Records & Health Information Technicians	50	65	4.0
Home Health Aides	185	255	3.8
Network & Computer Systems Administrators	55	75	3.6
Mental Health Counselors	75	100	3.3
Dental Hygienists	60	80	3.3
Sailors and Marine Oilers	45	60	3.3
Computer Systems Analysts	95	125	3.2
Personal & Home Care Aides	95	125	3.2
Medical & Health Services Managers	175	235	3.1
Registered Nurses	1,085	1,405	2.9
Bindery Workers	70	90	2.9
Dental Assistants	90	115	2.8
Lawyers	110	140	2.7
Preschool Teachers, except Special Education	75	95	2.7
Nursing Aides, Orderlies & Attendants	870	1,100	2.6
Computer Support Specialists	95	120	2.6

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 16

DES MOINES, HENRY, LEE AND LOUISA

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](mailto: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.

## Declining Occupations

Occupation Title	2002 Estimated Employment	2012 Projected Employment	Annual Growth Rate (%)
Agricultural & Food Science Technicians	150	120	-2.0
Electrical & Electronic Equipment Assemblers	405	330	-1.9
Chemical Plant & System Operators	135	115	-1.1
Foundry Mold & Coremakers	140	125	-1.1
Postal Service Mail Carriers	210	190	-1.0
Animal Trainers	125	115	-0.8
Secretaries, except Legal, Medical & Executive	760	700	-0.8
Separating, Filtering, Clarifying, Precipitating & Still			
Machine Setters, Operators & Tenders	80	75	-0.6
Nonfarm Animal Caretakers	140	130	-0.4
Police & Sheriff's Patrol Officers	155	145	-0.3
Driver/Sales Workers	170	165	-0.3
Executive Secretaries & Administrative Assistants	360	350	-0.3
Structural Metal Fabricators & Fitters	180	175	-0.3
Locomotive Engineers	205	205	-0.2
Molders, Shapers & Casters, except Metal & Plastic	835	820	-0.2
Cooks, Institution & Cafeteria	315	305	-0.2
Bookkeeping, Accounting & Auditing Clerks	1,090	1,080	-0.1

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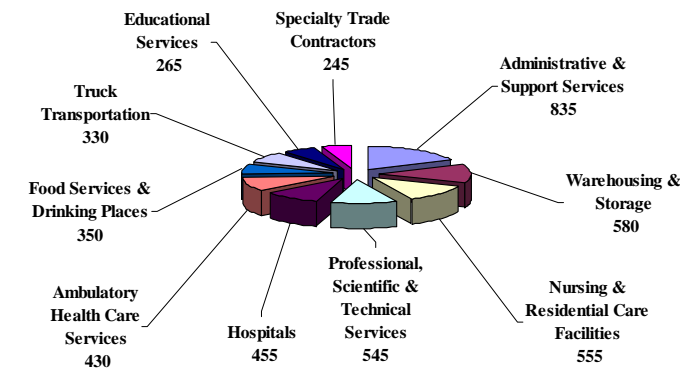
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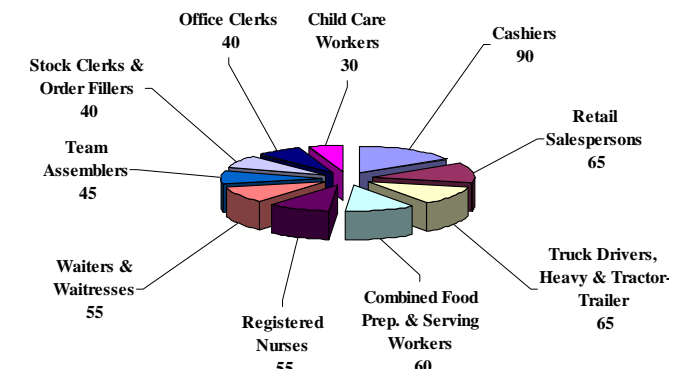
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Industries with the Most Openings  
2002-2012



Occupations with the Most Annual Openings  
2002-2012



The Region 16 economy is expected to generate 6,000 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 16 growth rate of 9.6% is lower than the state projected rate of 13.5%. Services and the 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 16 — Occupations With Largest Total Annual Openings By Education Level

## Less Than High School

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 16 2005 Average Hourly Wage
90	Cashiers	\$7.73
65	Retail Salespersons	10.28
60	Food Preparation & Serving Workers	6.69
55	Waiters & Waitresses	6.82
40	Stock Clerks and Order Fillers	11.63
40	Office Clerks, General	10.02
35	Nursing Aides, Orderlies & Attendants	9.45
30	Child Care Workers	6.35
30	Shipping, Receiving & Traffic Clerks	NS
30	Laborers & Freight, Stock & Material Movers	10.01
25	Janitors & Cleaners	9.70
20	Food Preparation Workers	6.96
NS - Not surveyed		



## Postsecondary Education/Training

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 16 2005 Average Hourly Wage
55	Registered Nurses	\$19.06
25	Supervisors/Managers of Retail Sales Workers	16.37
20	Supervisors/Managers of Production & Operating Workers	23.79
20	Butchers & Meat Cutters	12.38
20	Welders, Cutters, Solderers & Brazers	13.44
15	Licensed Practical & Licensed Vocational Nurses	14.37
15	Carpenters	16.38
15	Automotive Service Technicians & Mechanics	12.01
10	Supervisors/Managers of Food Preparation & Serving Workers	11.93
10	Cooks, Restaurant	8.95
10	Supervisors/Managers of Office & Administrative Support Workers	19.41
10	Machinists	15.79

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 16 2005 Average Hourly Wage
65	Truck Drivers, Heavy & Tractor-Trailer	\$15.21
45	Team Assemblers	12.29
25	Maintenance & Repair Workers, General	16.34
25	Slaughterers & Meat Packers	NS
20	Bookkeeping, Accounting & Auditing Clerks	12.87
20	Customer Service Representatives	13
20	Molders, Shapers & Casters, except Metal & Plastic	NS
	Sales Representatives, Whsl. & Mfg., except Technical &	
15	Scientific Products	30.99
15	Secretaries, except Legal, Medical & Executive	11.07
15	Printing Machine Operators	12.17
10	Cooks, Institution & Cafeteria	9.15
10	Cement Masons & Finishers	NS
10	Construction Laborers	12.61
NS - Not surveyed		



## Bachelor's Degree or Above

Estimated Annual Openings 2002-2012	Occupational Title	IWD Region 16 2005 Average Hourly Wage
20	General & Operations Managers	\$32.91
20	Secondary School Teachers, except Special & Vocational Ed.	34,883*
15	Elementary School Teachers, except Special Ed.	38,635*
10	Medical & Health Services Managers	26.63
10	Accountants & Auditors	24.46
5	Sales Managers	33.63
5	Financial Managers	35.78
5	Computer Systems Analysts	27.71
5	Mechanical Engineers	NS
5	Lawyers	39.28
5	Public Relations Specialists	15.88
5	Recreation Workers	NS
* Average annual wage		
NS - Not surveyed		