



Workers who have transferable experience/skills in the industry are currently commuting an average of 11 miles one-way for work. Those who are likely to change/accept employment are willing to commute an average of 25 miles one-way for the right employment opportunity.

## Employment Status:

### 77.2% Employed

- 19.5% are likely to change employment

### 8.3% Unemployed

- 68.9% are likely to accept employment

### 3.8% Homemakers

- 28.6% are likely to accept employment

### 10.7% Retired

- 17.7% are likely to accept employment

## Employment Stats:

- 61.1% paid an hourly wage
- 71.3% are/were employed full-time
- 16.9% are/were self-employed
- 9.1% are/were employed part-time
- 12.5% hold more than one job
- Currently working an average of 44 hrs/week

## Education Levels:

- 66.1% Education beyond high school
- 3.8% Trade certified
- 2.2% Vocational training
- 17.8% Associate degree
- 23.2% Undergraduate degree
- 6.2% Postgraduate degree

## Current Benefits:

(Top 10 reported)

- Health/medical insurance - 92.7%
- Pension/retirement/401K - 75.2%
- Dental coverage - 61.3%
- Paid vacation - 44.8%
- Vision coverage - 44.4%
- Life insurance - 34.6%
- Paid holidays - 25.5%
- Paid sick leave - 25.5%
- Disability insurance - 24.6%
- Paid time off - 10.0%

## Desired Benefits:

(Top 10 reported)

- Health/medical insurance - 89.0%
- Pension/retirement/401K - 50.3%
- Dental coverage - 34.4%
- Paid vacation - 27.0%
- Vision coverage - 24.5%
- Paid sick leave - 12.9%
- Life insurance - 10.4%
- Paid holidays - 10.4%
- Paid time off - 9.2%
- Disability insurance - 6.7%

## Underemployment:

- Total Underemployment - 3.4%
- Low hours - 0.5%
- Mismatch of skills - 1.5%
- Low income - 1.8%

(Individuals counted only once when estimating Total Underemployment.)

## Occupational Categories:

- Professional, Paraprofessional & Technical - 39.0%
- Production, Construction & Material Handling - 38.2%
- Agricultural - 21.0%
- Management & Administrative - 1.0%
- Sales & Related - 0.4%
- Service - 0.4%

## Top Job Search Resources:

(For those seeking employment opportunities.)

- Internet - 68.3%
  - [www.monster.com](http://www.monster.com)
  - [www.iowajob.org](http://www.iowajob.org)
  - [www.linkedin.com](http://www.linkedin.com)
  - [www.indeed.com](http://www.indeed.com)
- Newspapers - 38.7%
- Networking through family, friends & acquaintances - 23.8%
- IowaWORKS Centers - 18.3%

## Flexibility in the Workplace:

(by percent of interest)

- Job teams - 76.4%
- Cross-training - 74.1%
- Job sharing - 45.4%
- Varied shifts - 40.2%
- Seasonal work - 52.6%
- Temporary work - 49.4%

# BIOTECHNOLOGY/BIOSCIENCE — WAGES



| Occupation  | Occupational Code | Mean Wage | Entry Wage | Experienced Wage | Median Wage | Mean Annual Salary |
|---|-------------------|-----------|------------|------------------|-------------|--------------------|
| Agricultural and Food Science Technicians   | 19-4011           | \$ 16.18  | \$ 11.10   | \$ 18.72         | \$ 15.55    | \$ 33,654          |
| Agricultural Engineers  | 17-2021           | \$ 37.80  | \$ 28.42   | \$ 42.48         | \$ 36.51    | \$ 78,624          |
| Agricultural Equipment Operators  | 45-2091           | \$ 16.91  | \$ 12.59   | \$ 19.08         | \$ 16.00    | \$ 35,173          |
| Agricultural Inspectors   | 45-2011           | \$ 22.95  | \$ 18.07   | \$ 25.39         | \$ 22.61    | \$ 47,736          |
| Agricultural Workers, All Other   | 45-2099           | \$ 12.48  | \$ 9.76    | \$ 13.84         | \$ 11.26    | \$ 25,958          |
| Animal Scientists   | 19-1011           | \$ 33.26  | \$ 21.02   | \$ 39.38         | \$ 28.53    | \$ 69,181          |
| Biochemists and Biophysicists   | 19-1021           | \$ 35.03  | \$ 22.80   | \$ 41.15         | \$ 32.12    | \$ 72,862          |
| Biological Scientists, All Other  | 19-1029           | \$ 28.34  | \$ 13.81   | \$ 35.60         | \$ 29.95    | \$ 58,947          |
| Biological Technicians  | 19-4021           | \$ 18.99  | \$ 13.89   | \$ 21.54         | \$ 18.17    | \$ 39,499          |
| Biomedical Engineers  | 17-2031           | \$ 43.38  | \$ 29.65   | \$ 50.24         | \$ 44.91    | \$ 90,230          |
| Chemical Engineers  | 17-2041           | \$ 57.32  | \$ 31.72   | \$ 70.12         | \$ 44.44    | \$ 119,226         |
| Chemical Equipment Operators and Tenders  | 51-9011           | \$ 21.09  | \$ 15.01   | \$ 24.14         | \$ 20.68    | \$ 43,867          |
| Chemical Plant and System Operators   | 51-8091           | \$ 21.97  | \$ 15.92   | \$ 24.99         | \$ 19.48    | \$ 45,698          |
| Chemical Technicians  | 19-4031           | \$ 21.58  | \$ 15.64   | \$ 24.55         | \$ 20.71    | \$ 44,886          |
| Chemists  | 19-2031           | \$ 33.96  | \$ 22.53   | \$ 39.68         | \$ 32.22    | \$ 70,637          |
| Conservation Scientists   | 19-1031           | \$ 26.91  | \$ 17.54   | \$ 31.59         | \$ 25.34    | \$ 55,973          |
| Environmental Science and Protection Technicians, Including Health                | 19-4091           | \$ 20.33  | \$ 15.23   | \$ 22.88         | \$ 18.95    | \$ 42,286          |
| Environmental Scientists and Specialists, Including Health                        | 19-2041           | \$ 31.14  | \$ 21.37   | \$ 36.03         | \$ 31.50    | \$ 64,771          |
| Farmworkers & Laborers, Crop, Nursery & Greenhouse                                | 45-2092           | \$ 12.58  | \$ 8.16    | \$ 14.79         | \$ 12.41    | \$ 26,166          |
| Farmworkers, Farm and Ranch Animals   | 45-2093           | \$ 12.95  | \$ 9.69    | \$ 14.58         | \$ 12.11    | \$ 26,936          |
| First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers           | 45-1011           | \$ 26.38  | \$ 18.59   | \$ 30.27         | \$ 26.70    | \$ 54,870          |
| First-Line Supervisors/Managers of Production and Operating Workers               | 51-1011           | \$ 25.49  | \$ 17.28   | \$ 29.59         | \$ 24.00    | \$ 53,019          |
| Food Scientists and Technologists   | 19-1012           | \$ 30.58  | \$ 18.41   | \$ 36.67         | \$ 30.90    | \$ 63,606          |
| Gas Plant Operators   | 51-8092           | \$ 27.30  | \$ 19.96   | \$ 30.98         | \$ 27.25    | \$ 56,784          |
| Geoscientists, Except Hydrologists & Geographers                                  | 19-2042           | \$ 37.54  | \$ 26.53   | \$ 43.05         | \$ 38.68    | \$ 78,083          |
| Graders and Sorters, Agricultural Products  | 45-2041           | \$ 13.58  | \$ 10.43   | \$ 15.15         | \$ 13.20    | \$ 28,246          |
| Health and Safety Engineers, Except Mining Safety                                 | 17-2111           | \$ 36.82  | \$ 27.80   | \$ 41.34         | \$ 35.10    | \$ 76,586          |
| Helpers--Production Workers   | 51-9198           | \$ 12.92  | \$ 9.67    | \$ 14.55         | \$ 12.15    | \$ 26,874          |
| Hydrologists  | 19-2043           | \$ 38.38  | \$ 29.50   | \$ 42.82         | \$ 40.09    | \$ 79,830          |
| Industrial Production Managers  | 11-3051           | \$ 40.33  | \$ 26.28   | \$ 47.36         | \$ 38.03    | \$ 83,886          |
| Inspectors, Testers, Sorters, Samplers & Weighers                                 | 51-9061           | \$ 17.40  | \$ 11.53   | \$ 20.33         | \$ 16.59    | \$ 36,192          |
| Life, Physical & Social Science Technicians, Other                                | 19-4099           | \$ 21.40  | \$ 13.10   | \$ 25.55         | \$ 20.31    | \$ 44,512          |
| Materials Engineers   | 17-2131           | \$ 37.60  | \$ 27.51   | \$ 42.64         | \$ 36.78    | \$ 78,208          |
| Medical and Clinical Laboratory Technicians                                       | 29-2012           | \$ 19.43  | \$ 14.28   | \$ 22.01         | \$ 19.20    | \$ 40,414          |
| Medical and Clinical Laboratory Technologists                                     | 29-2011           | \$ 25.73  | \$ 19.53   | \$ 28.84         | \$ 25.72    | \$ 53,518          |
| Microbiologists   | 19-1022           | \$ 37.70  | \$ 24.30   | \$ 44.40         | \$ 35.75    | \$ 78,416          |
| Mixing and Blending Machine Setters, Operators, and Tenders                       | 51-9023           | \$ 17.65  | \$ 12.65   | \$ 20.15         | \$ 17.09    | \$ 36,712          |
| Petroleum Pump System Operators, Refinery Operators and Gaugers                   | 51-8093           | \$ 30.17  | \$ 21.49   | \$ 34.51         | \$ 30.64    | \$ 62,754          |
| Pharmacists   | 29-1051           | \$ 48.44  | \$ 32.30   | \$ 56.51         | \$ 52.57    | \$ 100,755         |
| Physical Scientists, All Other  | 19-2099           | \$ 29.75  | \$ 17.23   | \$ 36.01         | \$ 28.73    | \$ 61,880          |
| Plant and System Operators, All Other   | 51-8099           | \$ 24.19  | \$ 19.56   | \$ 26.51         | \$ 24.99    | \$ 50,315          |
| Production Workers, All Other   | 51-9199           | \$ 14.40  | \$ 9.53    | \$ 16.83         | \$ 14.04    | \$ 29,952          |
| Registered Nurses   | 29-1141           | \$ 25.97  | \$ 19.96   | \$ 28.98         | \$ 25.58    | \$ 54,018          |
| Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products | 41-4011           | \$ 36.70  | \$ 17.71   | \$ 46.19         | \$ 31.73    | \$ 76,336          |
| Separating, Filtering, Clarifying, Precipitating, & Still Machine Setters,        | 51-9012           | \$ 19.13  | \$ 12.76   | \$ 22.31         | \$ 17.22    | \$ 39,790          |
| Soil and Plant Scientists   | 19-1013           | \$ 33.86  | \$ 22.29   | \$ 39.65         | \$ 31.49    | \$ 70,429          |
| Truck Drivers, Heavy and Tractor-Trailer  | 53-3032           | \$ 19.93  | \$ 13.73   | \$ 23.03         | \$ 19.63    | \$ 41,454          |
| Truck Drivers, Light or Delivery Services   | 53-3033           | \$ 15.07  | \$ 9.14    | \$ 18.04         | \$ 13.47    | \$ 31,346          |
| Veterinarians   | 29-1131           | \$ 45.85  | \$ 26.30   | \$ 55.62         | \$ 37.10    | \$ 95,368          |
| Water & Liquid Waste Treatment Plant & System Operators                           | 51-8031           | \$ 20.76  | \$ 14.04   | \$ 24.12         | \$ 20.75    | \$ 43,181          |
| Zoologists and Wildlife Biologists  | 19-1023           | \$ 31.41  | \$ 25.57   | \$ 34.34         | \$ 33.60    | \$ 65,333          |

The 2015 Iowa Wage Survey was produced by the Labor Force & Occupational Analysis Bureau to provide state, metropolitan statistical areas (MSA), regions and individual counties information on wages by occupation. This publication was developed specifically for the State of Iowa. The source of the wage and employment data is based on the May 2014 OES estimates. Additional occupational wage and employment data can be found at <https://www.iowaworkforcedevelopment.gov/iowa-wage-report>.