

**IOWA WORKFORCE DEVELOPMENT REGION 3 - 4 OCCUPATIONAL PROJECTIONS: 2004-2014, LISTED BY MAJOR OCCUPATIONAL GROUPS**

SOC Code	Occupational Title	2004 Estimated Employment	2014 Projected Employment	2004-2014 Employment Change	Annual Growth Rate (%)	Annual New Jobs	Annual Replace- ments	Total Annual Openings	2006 Mean Hourly Wage	2006 Entry Wage	2006 Experi- enced Wage	2006 Median Wage	2006 Mean Annual Wage	Training/ Education Level
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>78,465</b>	<b>85,225</b>	<b>6,760</b>	<b>0.9</b>	<b>785</b>	<b>1,760</b>	<b>2,545</b>						
<b>11-0000</b>	<b>Management Occupations</b>	<b>11,880</b>	<b>11,685</b>	<b>-195</b>	<b>-0.2</b>	<b>45</b>	<b>120</b>	<b>165</b>						
11-1021	General and Operations Managers	1,340	1,510	170	1.3	15	25	45	\$34.98	\$16.73	\$44.10	\$28.89	\$72,751	2
11-9012	Farmers and Ranchers	7,970	7,345	-625	-0.8	0	45	45	n.a.	n.a.	n.a.	n.a.	n.a.	3
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>2,335</b>	<b>2,720</b>	<b>385</b>	<b>1.6</b>	<b>40</b>	<b>45</b>	<b>85</b>						
13-1199	Business Operations Specialists, All Other	445	535	90	2.0	10	10	15	17.04	8.44	21.33	14.21	35,433	2
13-2011	Accountants and Auditors	405	525	120	3.0	10	10	20	24.48	15.55	28.96	19.57	50,931	2
13-2072	Loan Officers	300	345	40	1.3	5	5	10	23.58	16.72	27.01	23.82	49,042	2
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>425</b>	<b>495</b>	<b>70</b>	<b>1.6</b>	<b>5</b>	<b>5</b>	<b>15</b>						
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>470</b>	<b>550</b>	<b>80</b>	<b>1.7</b>	<b>10</b>	<b>10</b>	<b>20</b>						
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>500</b>	<b>535</b>	<b>35</b>	<b>0.7</b>	<b>5</b>	<b>10</b>	<b>15</b>						
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>990</b>	<b>1,220</b>	<b>230</b>	<b>2.3</b>	<b>25</b>	<b>20</b>	<b>40</b>						
21-1093	Social and Human Service Assistants	295	400	105	3.6	10	5	15	10.30	6.77	12.06	8.58	21,420	4
<b>23-0000</b>	<b>Legal Occupations</b>	<b>420</b>	<b>480</b>	<b>60</b>	<b>1.4</b>	<b>5</b>	<b>5</b>	<b>10</b>						
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>4,495</b>	<b>4,735</b>	<b>240</b>	<b>0.5</b>	<b>30</b>	<b>100</b>	<b>130</b>						
25-2021	Elementary School Teachers, Except Special Education	765	800	35	0.5	5	15	20	n.a.	n.a.	n.a.	n.a.	35,370	2
25-2022	Middle School Teachers, Except Special and Vocational Education	405	440	35	0.9	5	10	10	n.a.	n.a.	n.a.	n.a.	35,365	2
25-2031	Secondary School Teachers, Except Special and Vocational Education	735	800	60	0.8	5	20	25	n.a.	n.a.	n.a.	n.a.	36,042	2
25-9041	Teacher Assistants	715	805	90	1.3	10	15	25	n.a.	n.a.	n.a.	n.a.	18,768	5
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>920</b>	<b>1,000</b>	<b>80</b>	<b>0.9</b>	<b>10</b>	<b>20</b>	<b>25</b>						
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>3,030</b>	<b>3,470</b>	<b>440</b>	<b>1.5</b>	<b>45</b>	<b>60</b>	<b>105</b>						
29-1111	Registered Nurses	1,205	1,360	160	1.3	15	25	40	20.46	16.88	22.26	20.26	42,568	3
29-2061	Licensed Practical and Licensed Vocational Nurses	345	415	70	2.0	5	10	15	15.10	12.50	16.40	14.43	31,415	3
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,055</b>	<b>2,495</b>	<b>440</b>	<b>2.1</b>	<b>45</b>	<b>30</b>	<b>75</b>						
31-1011	Home Health Aides	785	1,075	290	3.7	30	10	40	8.96	7.54	9.67	8.90	18,638	5
31-1012	Nursing Aides, Orderlies, and Attendants	925	1,015	90	1.0	10	10	20	10.58	9.46	11.13	10.32	21,998	5
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>550</b>	<b>595</b>	<b>50</b>	<b>0.9</b>	<b>5</b>	<b>15</b>	<b>20</b>						
33-3051	Police and Sheriff's Patrol Officers	240	265	25	1.0	5	5	10	18.46	14.58	20.40	18.10	38,402	3
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>5,605</b>	<b>6,475</b>	<b>870</b>	<b>1.6</b>	<b>85</b>	<b>225</b>	<b>310</b>						
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	330	385	55	1.7	5	10	15	12.23	9.32	13.68	11.11	25,435	3
35-2012	Cooks, Institution and Cafeteria	550	650	100	1.8	10	15	25	9.40	7.81	10.19	9.40	19,545	3
35-2014	Cooks, Restaurant	385	440	55	1.4	5	10	20	8.80	6.85	9.77	8.39	18,301	3
35-2015	Cooks, Short Order	190	205	20	1.1	*	*	10	7.65	6.05	8.45	7.76	15,912	5
35-2021	Food Preparation Workers	365	430	65	1.8	5	15	20	7.61	6.59	8.12	7.70	15,834	5
35-3011	Bartenders	350	395	45	1.3	5	15	20	7.04	6.12	7.49	6.84	14,628	5
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	880	1,035	155	1.8	15	40	55	7.01	6.04	7.50	6.75	14,585	5
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	215	250	35	1.6	5	15	20	6.60	6.03	6.90	6.41	13,748	5
35-3031	Waiters and Waitresses	1,375	1,570	195	1.4	20	70	90	6.39	6.04	6.55	6.37	13,284	5
35-9021	Dishwashers	365	410	45	1.2	5	10	15	6.81	5.98	7.23	6.68	14,163	5
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>2,570</b>	<b>2,975</b>	<b>405</b>	<b>1.6</b>	<b>40</b>	<b>50</b>	<b>90</b>						
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,385	185	1.5	20	25	40	10.10	7.23	11.53	9.97	21,004	5
37-2012	Maids and Housekeeping Cleaners	625	730	105	1.7	10	15	25	8.52	6.98	9.29	8.29	17,722	5
37-3011	Landscaping and Groundskeeping Workers	420	490	70	1.7	5	10	15	9.88	7.50	11.07	8.86	20,555	5
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>2,195</b>	<b>2,575</b>	<b>375</b>	<b>1.7</b>	<b>40</b>	<b>50</b>	<b>85</b>						
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	390	30	0.8	5	5	10	9.23	6.84	10.41	8.25	19,189	3
39-9011	Child Care Workers	480	555	75	1.6	5	15	20	6.37	6.10	6.51	6.42	13,257	5
39-9021	Personal and Home Care Aides	525	690	165	3.1	15	10	25	9.15	7.93	9.76	8.72	19,035	5
39-9032	Recreation Workers	260	300	45	1.7	5	5	10	9.14	6.20	10.61	8.67	19,009	2
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>7,315</b>	<b>8,000</b>	<b>685</b>	<b>0.9</b>	<b>70</b>	<b>240</b>	<b>310</b>						
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,015	1,080	65	0.6	5	20	25	15.23	9.84	17.93	13.07	31,677	3
41-2011	Cashiers	1,970	2,075	100	0.5	10	95	105	7.45	6.09	8.13	7.48	15,488	5
41-2031	Retail Salespersons	1,760	2,015	255	1.4	25	65	90	10.10	6.73	11.78	8.50	21,004	5
41-3021	Insurance Sales Agents	355	420	65	1.8	5	10	15	23.39	9.86	30.17	16.48	48,662	2
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	845	935	90	1.1	10	20	30	21.72	12.16	26.49	20.58	45,169	4
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>9,250</b>	<b>9,860</b>	<b>610</b>	<b>0.7</b>	<b>75</b>	<b>215</b>	<b>285</b>						
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	430	465	35	0.8	5	10	15	22.88	13.55	27.54	20.07	47,584	3
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,395	1,475	85	0.6	10	25	35	11.42	7.90	13.18	10.95	23,752	4
43-3071	Tellers	280	315	35	1.3	5	15	15	10.56	8.88	11.40	10.14	21,958	5
43-4051	Customer Service Representatives	405	470	65	1.6	5	5	15	11.93	9.03	13.38	11.50	24,814	4
43-4171	Receptionists and Information Clerks	360	410	50	1.4	5	10	15	9.41	6.72	10.76	9.66	19,573	5
43-5081	Stock Clerks and Order Fillers	625	590	-35	-0.6	0	25	25	8.87	6.23	10.19	8.51	18,445	5
43-6011	Executive Secretaries and Administrative Assistants	595	665	75	1.3	5	10	20	14.63	10.45	16.72	13.34	30,438	4
43-6014	Secretaries, Except Legal, Medical, and Executive	705	755	50	0.7	5	15	20	10.97	8.33	12.27	10.47	22,806	4
43-9061	Office Clerks, General	1,815	1,980	165	0.9	15	40	55	10.04	6.85	11.64	9.43	20,878	5

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<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>2,150</b>	<b>2,075</b>	<b>-75</b>	<b>-0.3</b>	*	*	<b>60</b>						
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	420	405	-15	-0.4	0	10	10	n.a.	n.a.	n.a.	n.a.	n.a.	5
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>3,465</b>	<b>3,810</b>	<b>345</b>	<b>1.0</b>	<b>35</b>	<b>60</b>	<b>95</b>						
47-2031	Carpenters	1,025	1,100	75	0.7	5	15	25	14.68	9.84	17.10	14.64	30,544	3
47-2061	Construction Laborers	610	625	15	0.2	*	*	10	11.51	8.39	13.08	11.22	23,952	4
47-2111	Electricians	255	290	40	1.6	5	5	10	15.73	12.33	17.43	14.74	32,715	3
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>2,845</b>	<b>3,195</b>	<b>350</b>	<b>1.2</b>	<b>35</b>	<b>70</b>	<b>105</b>						
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	300	335	35	1.2	5	10	10	21.97	15.87	25.02	21.64	45,691	3
49-3023	Automotive Service Technicians and Mechanics	420	485	65	1.5	5	10	20	14.75	10.08	17.08	14.64	30,679	3
49-9042	Maintenance and Repair Workers, General	630	725	95	1.5	10	10	20	15.14	9.89	17.77	14.43	31,499	3
<b>51-0000</b>	<b>Production Occupations</b>	<b>9,540</b>	<b>10,225</b>	<b>685</b>	<b>0.7</b>	<b>85</b>	<b>235</b>	<b>320</b>						
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	480	530	55	1.1	5	10	15	18.89	13.77	21.44	17.91	39,283	3
51-2092	Team Assemblers	1,520	1,715	195	1.3	20	40	60	12.16	9.79	13.34	12.42	25,288	4
51-2099	Assemblers and Fabricators, All Other	300	320	20	0.7	*	*	10	13.52	8.58	15.98	14.88	28,109	4
51-4041	Machinists	560	640	80	1.4	10	15	20	13.79	10.53	15.42	14.03	28,680	3
51-4121	Welders, Cutters, Solderers, and Brazers	520	585	65	1.3	5	15	20	13.23	9.63	15.02	12.40	27,514	3
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	365	415	50	1.4	5	10	15	16.77	12.36	18.98	16.78	34,884	4

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<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>5,455</b>	<b>6,060</b>	<b>605</b>	<b>1.1</b>	<b>65</b>	<b>125</b>	<b>185</b>						
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,740	2,030	290	1.7	30	30	55	13.98	8.90	16.53	13.15	29,097	4
53-7051	Industrial Truck and Tractor Operators	400	445	45	1.1	5	10	10	13.07	10.25	14.49	12.95	27,190	5
53-7061	Cleaners of Vehicles and Equipment	205	225	20	1.0	*	*	10	8.73	6.03	10.08	8.51	18,154	5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,445	1,530	85	0.6	10	45	55	11.34	8.50	12.76	10.69	23,584	5
	<b>* - indicates the value has been suppressed</b>													
	<b>n.a.- indicates wage data is not available</b>													
	<b>Note: Occupations will not equal totals due to suppression of occupations with less than ten total annual openings.</b>													
	<b>Training/Education Level gives a general indication of the training or education typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements. 1=Master's degree or above 2=Bachelor's degree or above 3=Postsecondary education/training 4=High school education or GED 5=Less than high school education or GED.</b>													
	<b>Source of wage data is the 2006 Iowa Wage Survey estimates.</b>													
	<b>Source of Iowa's Occupational Projections, Iowa Workforce Development, Workforce Data and Business Development Bureau</b>													
	<b>Source of the skills is O*NET (Occupational Information Network) <a href="http://online.onetcenter.org/">http://online.onetcenter.org/</a></b>													