

**2008-2018 REGION 1 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS**

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2018 Projected Employment	2008-18 Employment Change (%)	Annual Growth Rate	Annual New Jobs	Annual Resplacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Annual Salary	2011 Median Wage	2011 Median Annual Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education/Training Level**	Top Skills***
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>122,280</b>	<b>133,475</b>	<b>11,195</b>	<b>0.9</b>	<b>1,220</b>	<b>2,655</b>	<b>3,875</b>										
<b>11-0000</b>	<b>Management Occupations</b>	<b>14,235</b>	<b>14,260</b>	<b>30</b>	<b>0.0</b>	<b>30</b>	<b>165</b>	<b>195</b>										
11-1011	Chief Executives	270	265	-10	-0.4	0	10	10	\$80.04	\$166,485	\$29.79	\$61,957	\$75.34	\$156,706	\$105.16	\$218,749	4	C1, SY1, B2, B3, B7, B9
11-1021	General and Operations Managers	615	595	-15	-0.2	0	20	20	46.47	96,668	23.29	48,432	37.74	78,502	58.07	120,786	4	B2, B7, B9, B3, B6
11-9012	Farmers and Ranchers	9,820	9,590	-230	-0.2	0	60	60	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	9	T4, T5, SY1, B3, T1, B6, T8, T11
11-9111	Medical and Health Services Managers	265	295	30	1.1	5	5	10	34.16	71,038	25.75	53,549	33.23	69,119	38.35	79,782	4	B7, B9, B2, B3, SY1
11-9199	Managers, All Other	655	705	50	0.8	5	15	20	29.85	62,093	12.72	26,452	27.86	57,940	38.42	79,913	8	
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>3,545</b>	<b>4,365</b>	<b>820</b>	<b>2.3</b>	<b>80</b>	<b>70</b>	<b>150</b>										
13-1031	Claims Adjusters, Examiners, and Investigators	205	245	40	2.0	5	5	10	24.24	50,420	17.13	35,636	21.44	44,580	27.80	57,812	9	B7, B10, B2, B3, B9
13-1051	Cost Estimators	190	245	60	3.2	5	5	10	22.12	46,015	15.55	32,359	22.11	45,979	25.41	52,843	5	B5, B3, B9, B2, SY1
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	275	330	55	2.0	5	5	15									5	
13-1111	Management Analysts	210	270	60	3.1	5	5	10	29.32	60,989	18.87	39,234	27.48	57,162	34.55	71,866	4	B2, B7, B9, B3, C1
13-1199	Business Operations Specialists, All Other	480	540	60	1.3	5	10	15	23.95	49,805	12.21	25,400	23.25	48,344	29.81	62,008	5	
13-2011	Accountants and Auditors	625	825	200	3.2	20	10	30	28.06	58,373	18.38	38,231	25.04	52,098	32.91	68,445	5	B2, B5, B7, B10, B9
13-2052	Personal Financial Advisors	210	295	90	4.3	*	*	10	23.35	48,554	13.53	28,140	17.95	37,351	28.25	58,761	5	B3, B9, B7, SY1, B10
13-2072	Loan Officers	370	435	65	1.8	5	5	10	24.38	50,718	17.04	35,450	22.52	46,851	28.05	58,352	10	B9, B2, SY1, B7, B3
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>885</b>	<b>1,145</b>	<b>260</b>	<b>2.9</b>	<b>25</b>	<b>20</b>	<b>45</b>										
15-1032	Computer Software Engineers, Systems Software	80	150	70	8.8	*	*	10	31.23	64,955	14.79	30,766	30.42	63,279	39.44	82,049	5	B3, B2, T7, B7, C1
15-1041	Computer Support Specialists	220	260	40	1.8	5	5	10	22.42	46,634	15.82	32,922	19.64	40,856	25.72	53,489	6	B2, B9, B7, B3, B10
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>870</b>	<b>1,010</b>	<b>140</b>	<b>1.6</b>	<b>15</b>	<b>20</b>	<b>35</b>										
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>660</b>	<b>780</b>	<b>120</b>	<b>1.8</b>	<b>10</b>	<b>20</b>	<b>30</b>										
19-3021	Market Research Analysts	145	185	45	3.1	5	5	10	21.24	44,187	14.59	30,339	20.24	42,100	24.58	51,112	5	B7, B2, C1, B3, SY1, B9, B10
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>1,455</b>	<b>1,665</b>	<b>210</b>	<b>1.4</b>	<b>20</b>	<b>30</b>	<b>55</b>										
21-1021	Child, Family, and School Social Workers	375	405	30	0.8	5	10	10	15.22	31,657	10.24	21,298	12.33	25,655	17.71	36,836	5	B2, B9, B7, SO6, B3, B6, SO5
21-1099	Community and Social Service Specialists, All Other	200	240	40	2.0	5	5	10	14.09	29,311	9.85	20,488	13.87	28,848	16.21	33,722	5	
<b>23-0000</b>	<b>Legal Occupations</b>	<b>405</b>	<b>515</b>	<b>105</b>	<b>2.6</b>	<b>10</b>	<b>5</b>	<b>20</b>										
23-1011	Lawyers	250	315	70	2.8	5	5	10	39.98	83,175	21.35	44,413	31.83	66,207	49.31	102,556	1	B2, B9, B3, B7, C1, SY1, B10
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>7,605</b>	<b>8,475</b>	<b>870</b>	<b>1.1</b>	<b>85</b>	<b>170</b>	<b>260</b>										
25-1199	Postsecondary Teachers, All Other	290	325	40	1.4	5	5	10	N.A.	67,243	N.A.	63,967	N.A.	68,548	N.A.	68,882	2	
25-2011	Preschool Teachers, Except Special Education	280	315	30	1.1	5	5	10	12.15	25,281	8.25	17,174	12.49	25,980	14.10	29,333	7	B9, B4, SO2, B2, SO1, SO6
25-2021	Elementary School Teachers, Except Special Education	1,575	1,790	215	1.4	20	35	60	N.A.	39,776	N.A.	28,166	N.A.	39,233	N.A.	45,581	5	SO2, B9, B4, B2, B1, B6, SO6
25-2022	Middle School Teachers, Except Special and Vocational Education	785	885	100	1.3	10	20	30	N.A.	38,830	N.A.	29,159	N.A.	38,673	N.A.	43,665	5	SO2, B2, B7, B4, SO6, B10
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,000	1,070	70	0.7	5	30	35	N.A.	41,152	N.A.	27,519	N.A.	40,279	N.A.	47,969	5	SO2, B4, B9, B2, SO1, B3
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	215	250	35	1.6	5	5	10	N.A.	40,563	N.A.	31,482	N.A.	39,710	N.A.	45,104	5	SO2, B4, SO6, B9, B2
25-3099	Teachers and Instructors, All Other	430	485	55	1.3	5	5	15	N.A.	27,471	N.A.	21,357	N.A.	27,970	N.A.	30,529	5	
25-4031	Library Technicians	175	180	5	0.3	*	*	10	12.74	26,504	8.39	17,439	11.48	23,867	14.92	31,036	7	B6, B9, B2, SO5, B3, SO6
25-9041	Teacher Assistants	1,005	1,085	75	0.7	10	20	30	N.A.	23,358	N.A.	18,562	N.A.	23,601	N.A.	25,755	11	B2, B9, SO1, B6, SO5, SO6
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>1,850</b>	<b>2,100</b>	<b>250</b>	<b>1.4</b>	<b>25</b>	<b>45</b>	<b>70</b>										
27-1024	Graphic Designers	235	290	50	2.1	5	5	10	15.82	32,916	10.79	22,439	15.02	31,244	18.35	38,155	5	B2, T6, B9, B10, B3, B7
27-2022	Coaches and Scouts	390	485	90	2.3	10	10	15	N.A.	27,198	N.A.	17,053	N.A.	19,419	N.A.	32,270	9	SO2, B9, R3, SY1, B6
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>5,555</b>	<b>6,580</b>	<b>1,025</b>	<b>1.8</b>	<b>100</b>	<b>115</b>	<b>215</b>										
29-1051	Pharmacists	200	240	40	2.0	5	5	10	45.90	95,476	37.27	77,516	48.09	100,034	50.22	104,454	1	B2, B7, B1, B3, B9
29-1111	Registered Nurses	1,955	2,345	390	2.0	40	35	75	24.10	50,127	19.02	39,569	23.06	47,965	26.64	55,407	6	SO6, B2, SO1, B9, B3, B7, SO5
29-2021	Dental Hygienists	270	335	65	2.4	5	5	10	30.29	62,998	26.03	54,142	31.29	65,092	32.41	67,426	6	B2, B9, B3, B7, SO6
29-2052	Pharmacy Technicians	290	390	100	3.4	10	5	15	12.73	26,472	10.26	21,335	12.16	25,288	13.96	29,039	10	B2, B7, B9, B3, SO5, SO6
29-2061	Licensed Practical and Licensed Vocational Nurses	590	680	95	1.6	10	20	25	17.98	37,410	15.57	32,380	18.01	37,464	19.19	39,925	7	B2, B9, B3, B7, SO1, SO5
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>3,890</b>	<b>4,675</b>	<b>780</b>	<b>2.0</b>	<b>80</b>	<b>45</b>	<b>120</b>										
31-1011	Home Health Aides	715	985	270	3.8	25	5	35	10.83	22,538	9.11	18,946	10.64	22,123	11.70	24,335	11	B2, SO5, B3, SO6, B6
31-1012	Nursing Aides, Orderlies, and Attendants	1,965	2,260	295	1.5	30	20	50	11.19	23,262	9.72	20,222	10.95	22,792	11.92	24,782	7	SO6, SO5, B2, B6, SO1
31-9091	Dental Assistants	365	450	85	2.3	10	5	15	15.60	32,455	12.25	25,490	15.98	33,234	17.28	35,938	10	B9, B2, B7, SO5, B3
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,260</b>	<b>1,360</b>	<b>100</b>	<b>0.8</b>	<b>10</b>	<b>45</b>	<b>55</b>										
33-3051	Police and Sheriff's Patrol Officers	330	335	10	0.3	*	*	10	22.22	46,229	16.64	34,610	23.03	47,901	25.02	52,039	9	B2, B3, B6, SO6, B9
33-9032	Security Guards	240	265	25	1.0	5	5	10	12.61	26,221	9.28	19,302	12.21	25,388	14.27	29,682	11	B2, B9, B3, SO1, B6, B7, SO5, SO6
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	240	265	25	1.0	5	15	20	8.64	17,987	7.87	16,374	8.37	17,412	9.04	18,794	11	SY1, B3, B6, SO6, B9
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>8,915</b>	<b>9,880</b>	<b>965</b>	<b>1.1</b>	<b>95</b>	<b>305</b>	<b>400</b>										
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	530	580	50	0.9	5	5	10	12.80	26,618	9.50	19,777	12.05	25,066	14.44	30,039	8	B9, B2, SO1, SO5, R3, B6
35-2011	Cooks, Fast Food	705	780	75	1.1	10	20	25	8.30	17,270	7.83	16,301	7.86	16,363	8.53	17,754	11	B2, B9, SO1, SO5, B3, SO6
35-2012	Cooks, Institution and Cafeteria	595	625	30	0.5	5	15	20	10.69	22,242	8.85	18,393	10.65	22,160	11.62	24,166	10	R4, B2, B3, B6, B7, SO5
35-2014	Cooks, Restaurant	505	555	55	1.1	5	15	20	9.47	19,708	8.26	17,174	9.06	18,848	10.08	20,974	9	SO1, B6, B2, B3, SY1, T8, B9
35-2021	Food Preparation Workers	525	555	30	0.6	5	20	20	9.32	19,391	8.17	16,981	9.00	18,714	9.90	20,596	11	B2, B6, B9, SO1, R4

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35-3011	Bartenders	615	690	75	1.2	10	20	30	9.55	19,846	8.30	17,262	8.76	18,213	10.16	21,138	11	B2, S05, S06, B9, B3
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,225	2,600	375	1.7	40	45	85	8.57	17,839	7.88	16,402	8.30	17,255	8.92	18,558	11	B2, S05, B9, S01, B6, S06
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	365	400	30	0.8	5	25	30	8.82	18,339	8.10	16,839	8.71	18,129	9.18	19,089	11	B2, S05, S06, B9, B3, B7
35-3031	Waiters and Waitresses	1,650	1,805	155	0.9	15	90	105	8.83	18,348	7.90	16,431	8.26	17,186	9.28	19,308	11	B2, S05, S06, B9, S01
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	260	275	15	0.6	*	*	15	9.26	19,268	8.21	17,073	8.92	18,539	9.79	20,365	11	S05, S06, B2, S01, B6
35-9021	Dishwashers	280	315	40	1.4	5	10	15	8.39	17,458	8.07	16,771	8.39	17,454	8.56	17,803	11	R4, B2, S01, B6, B3, T4, T5, T8, S06
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	200	215	15	0.8	*	*	15	8.39	17,456	7.90	16,431	8.25	17,160	8.64	17,969	11	B2, B9, S05, S06, S01, S04
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>3,435</b>	<b>3,570</b>	<b>140</b>	<b>0.4</b>	<b>15</b>	<b>55</b>	<b>70</b>										
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,655	1,675	20	0.1	*	*	35	11.26	23,409	8.33	17,324	10.66	22,182	12.72	26,452	11	B3, B2, S01, S06, B9, R4
37-2012	Maids and Housekeeping Cleaners	785	770	-15	-0.2	0	15	15	9.48	19,734	8.14	16,920	9.31	19,362	10.16	21,142	11	B2, S05, S06, R4, B3, B6, B9
37-3011	Landscaping and Groundskeeping Workers	625	735	105	1.7	10	10	20	12.14	25,253	8.81	18,323	11.62	24,173	13.81	28,718	11	T4, B2, B3, B9, T5, R4
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>4,170</b>	<b>4,835</b>	<b>665</b>	<b>1.6</b>	<b>65</b>	<b>110</b>	<b>180</b>										
39-3011	Gaming Dealers	170	210	40	2.4	5	5	10	8.02	16,666	7.88	16,398	7.86	16,350	8.08	16,800	7	B9, B2, B6, S06, B3
39-3091	Amusement and Recreation Attendants	250	280	35	1.4	5	15	15	9.69	20,144	8.03	16,692	8.47	17,622	10.52	21,869	11	B9, B2, S05, S06, T4
39-5012	Hairdressers, Hairstylists, and Cosmetologists	625	700	75	1.2	10	10	15	10.80	22,458	8.03	16,685	10.23	21,277	12.19	25,345	7	B2, S05, B3, B9, B1, SY1, S06
39-9011	Child Care Workers	1,470	1,625	150	1.0	15	45	60	8.38	17,437	8.03	16,690	8.37	17,404	8.56	17,810	11	B6, S05, B9, B3, S06
39-9021	Personal and Home Care Aides	335	515	185	5.5	20	5	20	9.73	20,228	8.47	17,619	9.75	20,270	10.36	21,532	11	S05, B2, S06, B3, B9
39-9032	Recreation Workers	390	440	50	1.3	5	5	10	10.53	21,893	8.31	17,282	9.10	18,929	11.63	24,198	11	B2, S01, S05, S06, B9
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>12,195</b>	<b>13,045</b>	<b>855</b>	<b>0.7</b>	<b>95</b>	<b>365</b>	<b>455</b>										
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,335	1,400	65	0.5	5	30	35	18.12	37,684	10.84	22,544	16.54	34,398	21.76	45,254	8	B2, S01, B3, B6, B6, S05, B9
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	385	415	30	0.8	5	10	10	29.29	60,929	15.10	31,394	22.05	45,863	36.40	75,697	8	B9, S01, R3, S06, B2, B3, SY1, B6, R4
41-2011	Cashiers	2,880	3,050	170	0.6	15	130	145	8.66	18,013	7.82	16,267	8.42	17,503	9.08	18,887	11	B2, S05, B9, B5, S06
41-2022	Parts Salespersons	300	320	20	0.7	*	*	15	16.78	34,895	11.88	24,726	15.45	32,142	19.23	39,978	10	B2, B9, S05, B7, S06
41-2031	Retail Salespersons	3,150	3,410	260	0.8	25	90	115	11.03	22,944	8.07	16,789	9.29	19,327	12.51	26,021	11	B2, S04, B9, S06, S03, S06
41-3021	Insurance Sales Agents	585	750	165	2.8	15	15	30	26.32	54,748	13.20	27,445	18.35	38,171	32.88	68,398	7	B2, B7, B9, B10, B3, S04, R4
41-3099	Sales Representatives, Services, All Other	350	395	50	1.4	5	10	15	21.60	44,928	11.96	24,873	17.82	37,068	26.42	54,955	8	
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,465	1,530	60	0.4	5	35	40	26.26	54,631	13.36	27,788	21.99	45,736	32.72	68,052	8	B9, B2, S04, S06, B3, S03
41-9041	Telemarketers	450	410	-40	-0.9	0	10	10	11.86	24,687	8.20	17,057	9.62	19,997	13.70	28,501	11	B9, S04, B2, S05, S06
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>15,745</b>	<b>17,420</b>	<b>1,675</b>	<b>1.1</b>	<b>185</b>	<b>330</b>	<b>515</b>										
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	560	645	85	1.5	10	15	20	21.01	43,708	13.37	27,803	20.25	42,125	24.84	51,659	8	B2, B9, S01, S06, B3, R3
43-3021	Billing and Posting Clerks and Machine Operators	290	335	45	1.6	5	5	10	14.51	30,184	11.38	23,670	14.01	29,132	16.08	33,442	11	B2, B7, R4, B3, B9
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,690	1,900	210	1.2	20	20	40	14.23	29,596	9.69	20,155	13.78	28,666	16.50	34,318	10	B2, B7, B9, B3, B5, B6, R4, B10
43-3071	Tellers	740	850	110	1.5	10	30	40	12.41	25,802	10.29	21,399	11.98	24,908	13.47	28,004	11	B2, B9, B3, B5, B7, S05
43-4051	Customer Service Representatives	1,620	2,085	465	2.9	45	50	100	14.98	31,159	9.81	20,411	14.64	30,446	17.57	36,534	10	B2, B9, S05, S04, B7
43-4081	Hotel, Motel, and Resort Desk Clerks	165	185	20	1.2	*	*	10	9.24	19,209	8.51	17,715	9.04	18,810	9.59	19,956	11	S06, S05, B9, B2, S01
43-4171	Receptionists and Information Clerks	685	795	110	1.6	10	20	30	11.83	24,605	9.36	19,477	11.69	24,323	13.06	27,169	11	B9, B2, S05, B7, S01, S06
43-5052	Postal Service Mail Carriers	295	280	-10	-0.3	0	10	10	24.21	50,373	18.87	39,257	26.41	54,919	26.89	55,931	11	B2, B3, S05, S06, R4
43-5071	Shipping, Receiving, and Traffic Clerks	590	590	0	0.0	0	15	15	14.03	29,181	10.42	21,668	13.78	28,669	15.83	32,937	11	B7, B2, SY1, B6, R4
43-5081	Stock Clerks and Order Fillers	1,185	1,265	80	0.7	10	25	35	10.31	21,439	8.29	17,251	9.49	19,733	11.32	23,533	11	B9, B2, S05, S06, S01, R4
43-6011	Executive Secretaries and Administrative Assistants	605	690	85	1.4	10	10	15	18.64	38,758	12.57	26,144	16.84	35,026	21.67	45,065	8	B2, B7, B9, S05, B10
43-6012	Legal Secretaries	150	230	75	5.0	*	*	10	12.55	26,108	10.09	20,998	12.48	25,962	13.78	28,663	6	B10, B7, B2, B9, B3
43-6013	Medical Secretaries	255	305	45	1.8	5	5	10	13.66	28,417	9.91	20,606	13.12	27,293	15.54	32,321	10	B2, S05, B9, B7, S01, B10
43-6014	Secretaries, Except Legal, Medical, and Executive	1,790	1,900	110	0.6	10	25	35	12.99	27,010	9.46	19,684	12.54	26,085	14.74	30,673	10	B9, B2, R4, S05, B10
43-9021	Data Entry Keyers	340	365	25	0.7	5	5	10	12.17	25,315	9.52	19,811	12.02	24,997	13.49	28,067	10	B7, B6, B2, B9, B10
43-9061	Office Clerks, General	2,160	2,435	280	1.3	30	30	55	12.63	26,273	9.33	19,405	12.60	26,222	14.28	29,708	11	B2, B7, B9, S06, R4, B10
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>1,295</b>	<b>1,325</b>	<b>30</b>	<b>0.2</b>	<b>5</b>	<b>35</b>	<b>40</b>										
45-2093	Farmworkers, Farm and Ranch Animals	470	475	5	0.1	0	15	15	10.61	22,073	7.71	16,038	10.23	21,277	12.07	25,091	11	B2, B7, B6, T4, T5
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>5,800</b>	<b>6,410</b>	<b>615</b>	<b>1.1</b>	<b>60</b>	<b>105</b>	<b>165</b>										
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	435	480	45	1.0	5	10	15	27.58	57,375	18.81	39,128	28.07	58,384	31.97	66,498	8	B2, S01, B3, B9, R4
47-2021	Brickmasons and Blockmasons	255	290	35	1.4	5	5	10	23.26	48,386	16.44	34,198	24.74	51,478	26.67	55,480	9	B3, B6, S01, T8, R4
47-2031	Carpenters	1,100	1,225	120	1.1	10	15	25	16.70	34,750	10.30	21,421	16.83	35,012	19.91	41,414	9	B3, T2, T5, B2, S01, SY1, B5, B6, T8, R4
47-2051	Cement Masons and Concrete Finishers	455	520	65	1.4	5	10	20	15.62	32,844	12.34	25,671	15.31	31,842	17.25	35,891	10	B6, B2, S01, B3, SY1
47-2061	Construction Laborers	735	860	120	1.6	10	5	15	14.59	30,358	10.48	21,787	14.18	29,480	16.65	34,642	10	B9, S01, B2, B3, T4, T5, S06
47-2073	Operating Engineers and Other Construction Equipment Operators	530	585	55	1.0	5	10	15	22.26	46,307	15.56	32,357	23.91	49,740	25.62	53,282	10	T4, T5, B2, B6, B9
47-2111	Electricians	455	505	50	1.1	5	10	15	21.21	44,101	15.63	32,502	19.58	40,729	23.99	49,900	9	T11, T9, B2, B3, T5, T8
47-4051	Highway Maintenance Workers	345	350	5	0.1	*	*	10	18.94	39,404	16.40	34,110	18.71	38,925	20.22	42,051	10	T4, T5, B2, T1, B6, B9, T11
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>4,850</b>	<b>5,365</b>	<b>515</b>	<b>1.1</b>	<b>55</b>	<b>95</b>	<b>150</b>										
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	235	250	15	0.6	*	*	10										

2008-2018 REGION 1 OCCUPATIONAL PROJECTIONS, LISTED BY MAJOR OCCUPATIONAL GROUPS WITH WAGES AND TOP SKILLS

Standard Occupational Classification (SOC)	Occupational Title	2008 Estimated Employment	2008 Projected Employment	2008-18 Employment Change (%)	Annual Growth Rate	Annual New Jobs	Annual Replacements	Total Annual Openings	2011 Mean Hourly Wage	2011 Mean Annual Salary	2011 Entry Wage	2011 Entry Annual Salary	2011 Median Wage	2011 Median Annual Salary	2011 Experienced Wage	2011 Experienced Annual Salary	Education/Training Level**	Top Skills***
51-2092	Team Assemblers	3,025	3,270	245	0.8	25	70	95	14.45	30,076	11.10	23,077	14.73	30,642	16.14	33,575	10	SO1, B2, B3, B9, B6, B7
51-2099	Assemblers and Fabricators, All Other	305	320	15	0.5	*	*	10	14.94	31,074	12.65	26,310	14.93	31,063	16.09	33,456	10	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	230	250	20	0.9	*	*	10	10.84	22,538	9.22	19,191	11.00	22,873	11.64	24,213	11	B2, SO1, B3, B6, B9
51-3023	Slaughterers and Meat Packers	355	385	25	0.7	5	10	15	11.35	23,605	8.71	18,106	10.82	22,497	12.67	26,354	10	B2, B9, SO1, SO6, B3, T5, R4
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	450	550	100	2.2	10	10	20	15.41	32,037	12.00	24,961	15.77	32,811	17.10	35,576	10	B6, T5, B3, T8, T4
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	425	380	-45	-1.1	0	10	10	14.45	30,072	12.51	26,020	14.39	29,929	15.43	32,097	10	5, B2, T4, T8, B6, B7
51-4121	Welders, Cutters, Solderers, and Brazers	1,085	1,145	60	0.6	5	35	40	15.46	32,159	12.70	26,424	15.32	31,862	16.84	35,025	7	B3, B2, B6, SY1, T4, T5
51-8031	Water and Liquid Waste Treatment Plant and System Operators	220	250	30	1.4	5	5	10	18.54	38,556	15.28	31,773	18.58	38,651	20.17	41,947	9	T4, T5, B6, T8, B2, T1, B7, T11
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	400	405	10	0.3	*	*	10	17.14	35,662	11.60	24,128	16.42	34,155	19.92	41,429	10	B3, B2, B9, B7, B6, T5
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	270	320	50	1.9	5	5	10	14.34	29,842	11.62	24,172	14.09	29,298	15.71	32,679	10	T5, T8, T4, B6, B3, T11
51-9199	Production Workers, All Other	425	450	25	0.6	5	10	15	13.18	27,414	9.03	18,785	13.03	27,088	15.26	31,729	10	
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>9,235</b>	<b>9,710</b>	<b>475</b>	<b>0.5</b>	<b>60</b>	<b>210</b>	<b>265</b>										
53-3022	Bus Drivers, School	555	560	0	0.0	0	10	10	14.97	31,122	9.45	19,653	15.02	31,241	17.72	36,856	10	B2, T4, T5, SO6, SO5, B9
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,650	2,965	315	1.2	30	45	80	18.91	39,322	12.46	25,913	17.06	35,483	22.13	46,026	11	T4, T5, B6, B2, B3, T8
53-3033	Truck Drivers, Light or Delivery Services	820	880	60	0.7	5	15	20	12.42	25,828	8.36	17,381	10.64	22,135	14.45	30,052	11	B2, B9, B3, B6, T4, SO6
53-3041	Taxi Drivers and Chauffeurs	400	460	60	1.5	5	5	15	9.74	20,259	8.13	16,915	9.28	19,323	10.55	21,931	11	B2, SO5, T4, B9, SO6, R4
53-7011	Conveyor Operators and Tenders	320	265	-55	-1.7	0	10	10	12.36	25,698	11.16	23,210	12.11	25,190	12.95	26,942	11	T4, T5, B6, B2, B3
53-7051	Industrial Truck and Tractor Operators	665	725	60	0.9	5	20	25	14.30	29,752	11.23	23,352	14.05	29,213	15.84	32,951	11	T4, T5, SO1, T1, B2, B3, B6
53-7061	Cleaners of Vehicles and Equipment	325	335	15	0.5	*	*	15	9.49	19,738	8.15	16,958	8.95	18,621	10.16	21,129	11	T4, T5, T8, B9, R4
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,580	1,600	20	0.1	*	*	55	12.59	26,190	9.39	19,515	11.61	24,135	14.19	29,529	11	B2, B3, T5, SO1, B6, B7, B9

**Legend:**  
**Entry Wage** = Average of the lowest third of reported wages for the occupation; **Experienced Wage** = Average of the upper two-thirds of reported wages for the occupation; **Mean Wage** = Average wage computed by dividing the estimated total wage for an occupation by its weighted employment; **Median Wage** = The point at which 50% of the employment was below this wage and 50% was above; **N.A.** = Not Available; Compensation data based on 2011 Iowa Wage Survey unless otherwise noted; Missing compensation data may be derived from calculation or proration of reported wage/salary data if available.

**\*Employment Data Suppression** (Occupational employment data may not add up or equal occupational group totals due to rounding and/or suppression of occupations with less than ten total annual openings.)

**\*\*Education/Training Level** provides categorically the most significant education or training pathway to employment for each occupation according to the U.S. Department of Labor's Bureau of Labor Statistics (BLS). There may be alternative pathways into an occupation, however, as well as additional educational, training, or licensing requirements. Iowa Workforce Development (IWD) will use Iowa requirements when available. The levels are as follows: 1 = First Professional degree; 2 = Doctoral degree; 3 = Master's degree; 4 = Bachelor's or higher degree, plus work experience; 5 = Bachelor's degree; 6 = Associate degree; 7 = Postsecondary vocational training; 8 = Work experience in a related occupation; 9 = Long-term on-the-job training; 10 = Moderate-term on-the-job training; 11 = Short-term on-the-job training.

**\*\*\*Top Skills** refers to those skills identified through questionnaire responses by sampled workers and occupational experts by the U.S. Department of Labor's Occupational Information Network (O\*NET) as being the top five (or more if tied) most important for a particular occupation. These include:  
**Basic Skills:** B1 = Active Learning; B2 = Active Listening; B3 = Critical Thinking; B4 = Learning Strategies; B5 = Mathematics; B6 = Monitoring; B7 = Reading Comprehension; B8 = Science; B9 = Speaking; B10 = Writing;  
**Complex Problem Solving Skills:** C1 = Complex Problem Solving; **Resource Management Skills:** R1 = Management of Financial Resources; R2 = Management of Material Resources; R3 = Management of Personnel Resources; R4 = Time Management;  
**Social Skills:** SO1 = Coordination; SO2 = Instructing; SO3 = Negotiation; SO4 = Persuasion; SO5 = Service Orientation; SO6 = Social Perceptiveness; **Systems Skills:** SY1 = Judgment and Decision Making; SY2 = Systems Analysis; SY3 = Systems Evaluation; and **Technical Skills:** T1 = Equipment Maintenance; T2 = Equipment Selection; T3 = Installation; T4 = Operation and Control; T5 = Operation Monitoring; T6 = Operations Analysis; T7 = Programming; T8 = Quality Control Analysis; T9 = Repairing; T10 = Technology Design; T11 = Troubleshooting.

**Sources:**  
**Education/Training Level:** Bureau of Labor Statistics, U.S. Department of Labor; **Employment:** 2008-2018 Occupational Projections (based on 2008 annual employment data), Labor Market and Workforce Information Division, Iowa Workforce Development; **Skills:** Occupational Information Network (O\*NET), Employment and Training Administration, U.S. Department of Labor; **Wages:** 2011 Iowa Wage Survey estimates, Labor Market and Workforce Information Division, Iowa Workforce Development. Estimates developed from the May 2010 Occupational Employment Statistics (OES) Wage Survey updated to the second quarter of 2011 using the Employment Cost Index.

This publication was produced by the Labor Market and Workforce Information Division of Iowa Workforce Development. Inquiries may be directed to Brent Paulson at 515.281.3439 or Brent.Paulson@iwd.iowa.gov. Visit <http://iwin.iowa.gov> to obtain the latest workforce data and trends including this document under the **Publications** tab. Published 12/2011.