

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>00-0000</b>	<b>Total, All Occupations</b>		<b>194,910</b>	<b>259,860</b>	<b>3.3%</b>	<b>6,510</b>	<b>4,510</b>	<b>11,020</b>	<b>\$9.20</b>	<b>\$14.60</b>			
<b>11-0000</b>	<b>Management Occupations</b>		<b>11,600</b>	<b>15,350</b>	<b>3.2%</b>	<b>380</b>	<b>230</b>	<b>610</b>	<b>\$21.60</b>	<b>\$39.20</b>			
<b>11-1000</b>	<b>Top Executives</b>		<b>4,350</b>	<b>5,780</b>	<b>3.3%</b>	<b>140</b>	<b>80</b>	<b>230</b>					
11-1011	Chief Executives	5	510	650	2.7%	10	10	30	\$36.80	\$77.80	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	5	3,740	5,000	3.4%	130	70	200	\$19.00	\$35.00	Bachelor's degree	Less than 5 years	None
11-1031	Legislators	1	100	130	3.3%	0	0	10	\$16,860	\$18,731 **	Bachelor's degree	Less than 5 years	None
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</b>		<b>840</b>	<b>1,110</b>	<b>3.1%</b>	<b>30</b>	<b>20</b>	<b>50</b>					
11-2011	Advertising and Promotions Managers	NR	40	50	2.8%	0	0	0	\$20.60	\$39.30	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	5	320	420	3.3%	10	10	20	\$30.00	\$50.50	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	5	430	560	3.1%	10	10	20	\$24.40	\$43.50	Bachelor's degree	Less than 5 years	None
11-2031	Public Relations and Fundraising Managers	2	50	70	3.1%	0	0	0	\$29.70	\$41.10	Bachelor's degree	5 years or more	None
<b>11-3000</b>	<b>Operations Specialties Managers</b>		<b>1,780</b>	<b>2,310</b>	<b>2.9%</b>	<b>50</b>	<b>30</b>	<b>90</b>					
11-3011	Administrative Services Managers	3	180	230	2.7%	10	0	10	\$21.30	\$34.60	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	5	570	790	3.8%	20	10	30	\$35.50	\$53.20	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	5	460	590	3.0%	10	10	20	\$33.90	\$51.10	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	3	250	290	1.7%	0	0	10	\$24.20	\$41.80	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	2	50	60	2.0%	0	0	0	\$30.00	\$46.40	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	2	80	90	1.6%	0	0	0	\$24.40	\$35.40	High school diploma or equivalent	5 years or more	None
11-3121	Human Resources Managers	3	140	190	3.1%	0	0	10	\$30.80	\$40.50	Bachelor's degree	5 years or more	None
11-3131	Training and Development Managers	NR	40	50	2.3%	0	0	0	\$30.30	\$42.30	Bachelor's degree	5 years or more	None
<b>11-9000</b>	<b>Other Management Occupations</b>		<b>4,620</b>	<b>6,160</b>	<b>3.3%</b>	<b>150</b>	<b>100</b>	<b>250</b>					
11-9021	Construction Managers	5	620	910	4.8%	30	10	40	\$29.40	\$37.30	Bachelor's degree	None	Moderate-term on-the-job training
11-9032	Education Administrators, Elementary and Secondary School	4	310	400	2.6%	10	10	20	\$62,818	\$82,856 **	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	4	260	340	3.1%	10	10	20	\$29.60	\$40.90	Master's degree	5 years or more	None
11-9041	Architectural and Engineering Managers	4	220	290	3.3%	10	10	10	\$38.90	\$54.20	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	4	290	360	2.5%	10	10	10	\$15.90	\$22.50	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	2	60	70	1.6%	0	0	0	\$15.70	\$22.50	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	5	370	510	3.9%	10	10	20	\$20.20	\$40.30	Bachelor's degree	None	None
11-9141	Property, Real Estate, and Community Association Managers	5	570	800	4.2%	20	10	40	\$12.90	\$28.20	High school diploma or equivalent	Less than 5 years	None
11-9151	Social and Community Service Managers	4	250	340	3.5%	10	10	10	\$16.90	\$26.30	Bachelor's degree	5 years or more	None
11-9199	Managers, All Other	NR	1,100	1,460	3.3%	40	20	60	\$24.00	\$36.00	High school diploma or equivalent	Less than 5 years	None
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>		<b>7,940</b>	<b>10,940</b>	<b>3.8%</b>	<b>300</b>	<b>160</b>	<b>460</b>	<b>\$15.20</b>	<b>\$25.60</b>			
<b>13-1000</b>	<b>Business Operations Specialists</b>		<b>4,710</b>	<b>6,570</b>	<b>3.9%</b>	<b>190</b>	<b>80</b>	<b>270</b>					
13-1022	Wholesale and Retail Buyers, Except Farm Products	3	210	260	2.5%	10	10	10	\$13.50	\$17.80	High school diploma or equivalent	None	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	4	240	310	2.8%	10	0	10	\$19.30	\$26.40	High school diploma or equivalent	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	2	100	120	2.0%	0	0	0	\$22.70	\$29.30	High school diploma or equivalent	None	Long-term on-the-job training
13-1041	Compliance Officers	3	160	200	2.8%	0	0	10	\$17.60	\$21.50	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	5	330	510	5.4%	20	10	30	\$13.70	\$23.80	Bachelor's degree	None	None
13-1081	Logisticians	3	70	100	3.9%	0	0	0	\$22.20	\$28.60	Bachelor's degree	None	None
13-1111	Management Analysts	5	720	1,070	4.8%	40	10	50	\$17.90	\$28.90	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	4	140	210	5.4%	10	0	10	\$10.60	\$19.40	Bachelor's degree	None	None
13-1131	Fundraisers	2	80	100	2.5%	0	0	0	\$19.50	\$26.40	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	2	70	80	2.4%	0	0	0	\$17.80	\$26.10	Bachelor's degree	None	None
13-1151	Training and Development Specialists	5	530	770	4.6%	20	10	30	\$14.90	\$21.70	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	5	830	1,220	4.6%	40	10	50	\$14.90	\$25.00	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	NR	450	580	2.8%	10	10	20	\$18.20	\$31.60	High school diploma or equivalent	None	None
<b>13-2000</b>	<b>Financial Specialists</b>		<b>3,230</b>	<b>4,370</b>	<b>3.6%</b>	<b>120</b>	<b>80</b>	<b>190</b>					
13-2011	Accountants and Auditors	5	1,540	2,080	3.5%	50	50	100	\$18.20	\$29.50	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	2	80	100	3.2%	0	0	0	\$15.70	\$20.50	Bachelor's degree	None	Long-term on-the-job training
13-2051	Financial Analysts	3	200	250	2.5%	10	10	10	\$22.10	\$30.20	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	5	240	330	4.1%	10	0	10	\$17.90	\$32.30	Bachelor's degree	None	None
13-2071	Credit Counselors	3	60	80	3.5%	0	0	0	\$13.00	\$16.00	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	5	730	1,010	3.7%	30	10	40	\$12.70	\$27.20	Bachelor's degree	None	Moderate-term on-the-job training
13-2082	Tax Preparers	3	210	280	3.3%	10	0	10	\$12.60	\$15.20	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	NR	40	50	3.2%	0	0	0	\$15.30	\$20.00	Bachelor's degree	None	Moderate-term on-the-job training

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>		<b>7,900</b>	<b>11,050</b>	<b>4.0%</b>	<b>320</b>	<b>130</b>	<b>450</b>	<b>\$18.70</b>	<b>\$33.60</b>			
<b>15-1100</b>	<b>Computer Occupations</b>		<b>7,770</b>	<b>10,870</b>	<b>4.0%</b>	<b>310</b>	<b>130</b>	<b>440</b>					
15-1111	Computer and Information Research Scientists	2	120	150	2.0%	0	0	0	\$37.50	\$48.10	Doctoral or professional degree	None	None
15-1121	Computer Systems Analysts	5	390	540	3.9%	20	10	20	\$23.90	\$33.60	Bachelor's degree	None	None
15-1122	Information Security Analysts	5	90	150	7.3%	10	0	10	\$23.40	\$38.60	Bachelor's degree	Less than 5 years	None
15-1131	Computer Programmers	5	1,310	1,610	2.4%	30	30	70	\$20.80	\$33.90	Bachelor's degree	None	None
15-1132	Software Developers, Applications	5	1,920	2,810	4.7%	90	30	110	\$26.80	\$40.50	Bachelor's degree	None	None
15-1133	Software Developers, Systems Software	5	890	1,310	4.8%	40	10	50	\$29.30	\$43.60	Bachelor's degree	None	None
15-1134	Web Developers	5	460	670	4.4%	20	10	30	\$16.40	\$26.40	Associate's degree	None	None
15-1141	Database Administrators	5	270	380	3.8%	10	10	20	\$19.90	\$28.30	Bachelor's degree	Less than 5 years	None
15-1142	Network and Computer Systems Administrators	5	570	710	2.6%	20	10	20	\$23.30	\$32.20	Bachelor's degree	None	None
15-1143	Computer Network Architects	2	50	60	2.5%	0	0	0	\$34.20	\$47.10	Bachelor's degree	5 years or more	None
15-1151	Computer User Support Specialists	4	1,340	1,940	4.5%	60	20	80	\$12.30	\$19.00	Some college, no degree	None	Moderate-term on-the-job training
15-1152	Computer Network Support Specialists	4	190	260	3.8%	10	0	10	\$15.30	\$24.30	Associate's degree	None	None
15-1199	Computer Occupations, All Other	NR	190	290	5.1%	10	0	10	\$10.80	\$13.50	Bachelor's degree	None	None
<b>15-2000</b>	<b>Mathematical Science Occupations</b>		<b>120</b>	<b>180</b>	<b>4.9%</b>	<b>10</b>	<b>0</b>	<b>10</b>					
15-2031	Operations Research Analysts	4	70	110	4.9%	0	0	10	\$24.30	\$31.70	Bachelor's degree	None	None
15-2041	Statisticians	NR	40	60	5.6%	0	0	0	\$23.80	\$35.10	Master's degree	None	None
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>		<b>3,100</b>	<b>4,170</b>	<b>3.4%</b>	<b>110</b>	<b>70</b>	<b>180</b>	<b>\$19.60</b>	<b>\$32.40</b>			
<b>17-1000</b>	<b>Architects, Surveyors, and Cartographers</b>		<b>150</b>	<b>200</b>	<b>3.8%</b>	<b>10</b>	<b>0</b>	<b>10</b>					
17-1011	Architects, Except Landscape and Naval	3	60	80	4.3%	0	0	0	\$36.70	\$52.10	Bachelor's degree	None	Internship/residency
<b>17-2000</b>	<b>Engineers</b>		<b>1,980</b>	<b>2,700</b>	<b>3.7%</b>	<b>70</b>	<b>50</b>	<b>120</b>					
17-2031	Biomedical Engineers	NR	40	60	4.6%	0	0	0	\$25.20	\$33.30	Bachelor's degree	None	None
17-2051	Civil Engineers	5	400	580	4.5%	20	10	30	\$26.60	\$35.30	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	4	60	80	4.6%	0	0	0	\$33.90	\$55.80	Bachelor's degree	None	None
17-2071	Electrical Engineers	5	330	420	3.0%	10	10	20	\$25.40	\$40.30	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	5	350	500	4.3%	20	10	20	\$30.30	\$37.30	Bachelor's degree	None	None
17-2112	Industrial Engineers	5	230	310	3.5%	10	10	20	\$30.40	\$36.90	Bachelor's degree	None	None
17-2131	Materials Engineers	2	50	60	2.8%	0	0	0	\$26.60	\$39.80	Bachelor's degree	None	None
17-2141	Mechanical Engineers	4	280	340	2.2%	10	10	20	\$27.80	\$37.50	Bachelor's degree	None	None
<b>17-3000</b>	<b>Drafters, Engineering Technicians, and Mapping Technicians</b>		<b>970</b>	<b>1,260</b>	<b>3.0%</b>	<b>30</b>	<b>20</b>	<b>50</b>					
17-3011	Architectural and Civil Drafters	2	190	220	1.7%	0	0	10	\$17.40	\$21.70	Associate's degree	None	None
17-3013	Mechanical Drafters	2	120	140	1.7%	0	0	0	\$16.10	\$22.10	Associate's degree	None	None
17-3019	Drafters, All Other	1	70	90	3.6%	0	0	0	\$10.30	\$10.60	Associate's degree	None	None
17-3022	Civil Engineering Technicians	4	130	180	4.4%	10	0	10	\$13.70	\$22.20	Associate's degree	None	None
17-3023	Electrical and Electronics Engineering Technicians	5	220	310	4.3%	10	10	10	\$15.90	\$23.60	Associate's degree	None	None
17-3026	Industrial Engineering Technicians	2	50	60	2.4%	0	0	0	\$19.20	\$25.60	Associate's degree	None	None
17-3027	Mechanical Engineering Technicians	2	90	100	1.6%	0	0	0	\$16.20	\$19.00	Associate's degree	None	None
17-3029	Engineering Technicians, Except Drafters, All Other	NR	40	40	1.4%	0	0	0	\$16.40	\$24.30	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	3	50	70	3.5%	0	0	0	\$12.20	\$17.10	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>		<b>1,250</b>	<b>1,560</b>	<b>2.4%</b>	<b>30</b>	<b>40</b>	<b>70</b>	<b>\$13.20</b>	<b>\$23.40</b>			
<b>19-1000</b>	<b>Life Scientists</b>		<b>120</b>	<b>140</b>	<b>2.0%</b>	<b>0</b>	<b>0</b>	<b>10</b>					
19-1042	Medical Scientists, Except Epidemiologists	NR	40	60	2.8%	0	0	0	\$25.00	\$36.30	Doctoral or professional degree	None	None
<b>19-2000</b>	<b>Physical Scientists</b>		<b>230</b>	<b>280</b>	<b>2.4%</b>	<b>10</b>	<b>10</b>	<b>10</b>					
19-2031	Chemists	3	130	160	2.2%	0	0	10	\$23.20	\$29.70	Bachelor's degree	None	None
19-2032	Materials Scientists	2	50	60	2.9%	0	0	0	\$28.50	\$35.70	Bachelor's degree	None	None
<b>19-3000</b>	<b>Social Scientists and Related Workers</b>		<b>580</b>	<b>730</b>	<b>2.6%</b>	<b>20</b>	<b>20</b>	<b>30</b>					
19-3031	Clinical, Counseling, and School Psychologists	5	440	540	2.3%	10	10	20	\$14.60	\$28.50	Doctoral or professional degree	None	Internship/residency
19-3051	Urban and Regional Planners	NR	40	60	3.4%	0	0	0	\$13.50	\$25.40	Master's degree	None	None
<b>19-4000</b>	<b>Life, Physical, and Social Science Technicians</b>		<b>330</b>	<b>400</b>	<b>2.4%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
19-4031	Chemical Technicians	4	150	200	3.6%	10	0	10	\$12.60	\$18.80	Associate's degree	None	Moderate-term on-the-job training
19-4093	Forest and Conservation Technicians	0	80	80	0.0%	0	0	0	\$11.20	\$13.50	Associate's degree	None	None
<b>21-0000</b>	<b>Community and Social Service Occupations</b>		<b>4,560</b>	<b>6,330</b>	<b>3.9%</b>	<b>180</b>	<b>110</b>	<b>290</b>	<b>\$9.40</b>	<b>\$14.10</b>			
<b>21-1000</b>	<b>Counselors, Social Workers, and Other Community and Social Service Specialists</b>		<b>4,520</b>	<b>6,290</b>	<b>3.9%</b>	<b>180</b>	<b>110</b>	<b>280</b>					
21-1011	Substance Abuse and Behavioral Disorder Counselors	3	70	100	3.5%	0	0	0	\$19.10	\$22.60	High school diploma or equivalent	None	Moderate-term on-the-job training
21-1012	Educational, Guidance, School, and Vocational Counselors	5	800	1,040	3.0%	20	20	40	\$14.50	\$22.50	Master's degree	None	None
21-1013	Marriage and Family Therapists	NR	40	60	5.9%	0	0	0	\$15.90	\$21.20	Master's degree	None	Internship/residency
21-1014	Mental Health Counselors	5	200	290	4.7%	10	0	10	\$16.20	\$23.70	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	4	130	190	5.0%	10	0	10	\$15.70	\$21.30	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	4	340	520	5.3%	20	10	30	\$11.00	\$17.50	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	3	100	140	3.4%	0	0	10	\$19.10	\$25.40	Master's degree	None	None
21-1029	Social Workers, All Other	NR	40	50	2.8%	0	0	0	\$16.00	\$17.80	Bachelor's degree	None	None
21-1091	Health Educators	2	50	60	3.0%	0	0	0	\$14.50	\$23.20	Bachelor's degree	None	None
21-1093	Social and Human Service Assistants	1	2,220	3,160	4.2%	90	60	150	\$8.70	\$10.80	High school diploma or equivalent	None	Short-term on-the-job training

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>23-0000</b>	<b>Legal Occupations</b>		<b>1,060</b>	<b>1,540</b>	<b>4.5%</b>	<b>50</b>	<b>20</b>	<b>60</b>	<b>\$17.90</b>	<b>\$38.80</b>			
<b>23-1000</b>	<b>Lawyers, Judges, and Related Workers</b>		<b>820</b>	<b>1,190</b>	<b>4.5%</b>	<b>40</b>	<b>10</b>	<b>50</b>					
23-1011	Lawyers	5	770	1,120	4.7%	40	10	50	\$34.50	\$47.00	Doctoral or professional degree	None	None
<b>23-2000</b>	<b>Legal Support Workers</b>		<b>250</b>	<b>350</b>	<b>4.3%</b>	<b>10</b>	<b>0</b>	<b>10</b>					
23-2011	Paralegals and Legal Assistants	4	140	220	5.1%	10	0	10	\$14.30	\$19.00	Associate's degree	None	None
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>		<b>15,900</b>	<b>20,960</b>	<b>3.2%</b>	<b>510</b>	<b>320</b>	<b>820</b>	<b>\$10.30</b>	<b>\$16.80</b>			
<b>25-1000</b>	<b>Postsecondary Teachers</b>		<b>4,690</b>	<b>6,200</b>	<b>3.2%</b>	<b>150</b>	<b>70</b>	<b>220</b>					
25-1011	Business Teachers, Postsecondary	4	260	340	3.0%	10	0	10	\$33,319	\$87,712 **	Doctoral or professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	4	240	310	3.0%	10	0	10	\$41,592	\$85,706 **	Doctoral or professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	3	170	220	2.7%	10	0	10	\$37,645	\$61,709 **	Doctoral or professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	4	250	340	3.4%	10	0	10	\$43,228	\$74,026 **	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	3	110	150	3.1%	0	0	10	\$22,460	\$60,434 **	Doctoral or professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	5	290	420	4.8%	10	0	20	\$35,179	\$61,980 **	Doctoral or professional degree	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	4	180	260	4.5%	10	0	10	\$37,272	\$60,487 **	Master's degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	3	150	200	3.0%	10	0	10	\$36,538	\$64,121 **	Doctoral or professional degree	None	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	3	70	90	3.1%	0	0	0	\$22,461	\$47,700 **	Doctoral or professional degree	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	5	380	500	3.0%	10	10	20	\$27,215	\$56,191 **	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	3	150	190	2.4%	0	0	10	\$24,221	\$43,422 **	Doctoral or professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	4	330	430	2.8%	10	10	10	\$46,114	\$63,480 **	Doctoral or professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	4	230	290	3.0%	10	0	10	\$31,638	\$58,339 **	Doctoral or professional degree	None	None
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	3	120	160	2.8%	0	0	10	\$17,214	\$44,319 **	Doctoral or professional degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	4	510	720	4.0%	20	10	30	\$10.30	\$19.20	Bachelor's degree	Less than 5 years	None
25-1199	Postsecondary Teachers, All Other	NR	230	300	2.8%	10	0	10	\$48,204	\$78,079 **	Doctoral or professional degree	None	None
<b>25-2000</b>	<b>Preschool, Primary, Secondary, and Special Education School Teachers</b>		<b>6,590</b>	<b>8,690</b>	<b>3.2%</b>	<b>210</b>	<b>150</b>	<b>360</b>					
25-2011	Preschool Teachers, Except Special Education	1	290	370	2.9%	10	10	20	\$8.00	\$9.80	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	4	120	160	3.5%	0	0	10	\$27,503	\$40,987 **	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	5	3,140	4,230	3.5%	110	70	180	\$28,483	\$42,712 **	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Career/Technical Education	5	960	1,290	3.5%	30	20	50	\$32,032	\$46,647 **	Bachelor's degree	None	Internship/residency
25-2023	Career/Technical Education Teachers, Middle School	2	50	60	2.9%	0	0	0	\$32,353	\$53,235 **	Bachelor's degree	Less than 5 years	Internship/residency
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	5	1,350	1,710	2.7%	40	40	70	\$32,018	\$50,057 **	Bachelor's degree	None	Internship/residency
25-2032	Career/Technical Education Teachers, Secondary School	3	180	230	2.6%	10	10	10	\$29,199	\$43,837 **	Bachelor's degree	Less than 5 years	Internship/residency
25-2052	Special Education Teachers, Kindergarten and Elementary School	4	340	430	2.5%	10	10	20	\$26,594	\$40,911 **	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	3	130	160	2.7%	0	0	10	\$32,664	\$46,124 **	Bachelor's degree	None	Internship/residency
<b>25-3000</b>	<b>Other Teachers and Instructors</b>		<b>1,990</b>	<b>2,740</b>	<b>3.8%</b>	<b>80</b>	<b>30</b>	<b>110</b>					
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	3	130	170	3.0%	0	0	10	\$9.30	\$20.90	Bachelor's degree	None	Internship/residency
25-3021	Self-Enrichment Education Teachers	3	730	1,080	4.8%	40	10	50	\$8.70	\$13.20	High school diploma or equivalent	Less than 5 years	None
25-3098	Substitute Teachers	3	630	800	2.6%	20	10	30	\$10.00	\$12.00	Bachelor's degree	None	Internship/residency
25-3099	Teachers and Instructors, All Other	NR	500	690	3.9%	20	10	30	\$16,717	\$20,977 **	Bachelor's degree	None	Internship/residency
<b>25-4000</b>	<b>Librarians, Curators, and Archivists</b>		<b>400</b>	<b>520</b>	<b>2.9%</b>	<b>10</b>	<b>10</b>	<b>30</b>					
25-4021	Librarians	4	200	260	2.9%	10	0	10	\$16.20	\$26.20	Master's degree	None	None
25-4031	Library Technicians	3	170	210	2.9%	10	10	10	\$9.50	\$13.60	Postsecondary non-degree award	None	None
<b>25-9000</b>	<b>Other Education, Training, and Library Occupations</b>		<b>2,230</b>	<b>2,820</b>	<b>2.7%</b>	<b>60</b>	<b>50</b>	<b>100</b>					
25-9011	Audio-Visual and Multimedia Collections Specialists	0	70	70	1.2%	0	0	0	\$8.00	\$11.30	Bachelor's degree	Less than 5 years	None
25-9031	Instructional Coordinators	4	300	410	3.7%	10	0	10	\$12.60	\$20.40	Master's degree	5 years or more	None
25-9041	Teacher Assistants	1	1,810	2,270	2.5%	50	40	90	\$16,863	\$22,134 **	Some college, no degree	None	None

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>		<b>3,750</b>	<b>4,950</b>	<b>3.2%</b>	<b>120</b>	<b>90</b>	<b>210</b>	<b>\$10.10</b>	<b>\$18.00</b>			
<b>27-1000</b>	<b>Art and Design Workers</b>		<b>1,510</b>	<b>1,980</b>	<b>3.1%</b>	<b>50</b>	<b>40</b>	<b>90</b>					
27-1011	Art Directors	3	120	150	2.6%	0	0	10	\$16.60	\$26.10	Bachelor's degree	5 years or more	None
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	3	90	120	3.4%	0	0	10	\$9.80	\$15.20	High school diploma or equivalent	None	Long-term on-the-job training
27-1021	Commercial and Industrial Designers	3	70	100	3.8%	0	0	10	\$14.90	\$21.80	Bachelor's degree	None	None
27-1023	Floral Designers	1	220	270	2.5%	10	10	10	\$8.00	\$9.20	High school diploma or equivalent	None	Moderate-term on-the-job training
27-1024	Graphic Designers	4	660	870	3.3%	20	20	40	\$13.00	\$18.80	Bachelor's degree	None	None
<b>27-2000</b>	<b>Entertainers and Performers, Sports and Related Workers</b>		<b>820</b>	<b>1,100</b>	<b>3.4%</b>	<b>30</b>	<b>20</b>	<b>50</b>					
27-2012	Producers and Directors	2	90	110	2.6%	0	0	10	\$21.70	\$32.50	Bachelor's degree	Less than 5 years	None
27-2021	Athletes and Sports Competitors	3	60	80	4.0%	0	0	0	\$18,347	\$34,302 **	High school diploma or equivalent	None	Long-term on-the-job training
27-2022	Coaches and Scouts	1	290	380	3.2%	10	10	20	\$19,345	\$37,390 **	Bachelor's degree	None	None
27-2023	Umpires, Referees, and Other Sports Officials	1	190	250	3.5%	10	10	10	\$16,818	\$17,669 **	High school diploma or equivalent	None	Moderate-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	NR	40	60	3.7%	0	0	0			High school diploma or equivalent	None	None
<b>27-3000</b>	<b>Media and Communication Workers</b>		<b>940</b>	<b>1,280</b>	<b>3.7%</b>	<b>30</b>	<b>20</b>	<b>50</b>					
27-3031	Public Relations Specialists	4	260	360	3.6%	10	0	10	\$16.20	\$23.80	Bachelor's degree	None	None
27-3041	Editors	3	150	190	2.7%	0	0	10	\$10.20	\$18.20	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	3	120	160	3.3%	0	0	10	\$15.40	\$26.30	Bachelor's degree	Less than 5 years	Short-term on-the-job training
27-3043	Writers and Authors	4	210	280	3.3%	10	10	10	\$12.30	\$21.50	Bachelor's degree	None	Moderate-term on-the-job training
27-3091	Interpreters and Translators	5	120	200	6.4%	10	0	10	\$15.30	\$23.80	Bachelor's degree	None	Short-term on-the-job training
<b>27-4000</b>	<b>Media and Communication Equipment Workers</b>		<b>480</b>	<b>600</b>	<b>2.6%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
27-4011	Audio and Video Equipment Technicians	3	80	120	4.1%	0	0	10	\$10.00	\$17.00	Postsecondary non-degree award	None	Short-term on-the-job training
27-4021	Photographers	3	300	360	2.2%	10	0	10	\$9.60	\$13.50	High school diploma or equivalent	None	Long-term on-the-job training
27-4032	Film and Video Editors	NR	40	50	2.1%	0	0	0	\$13.10	\$21.20	Bachelor's degree	None	None
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>		<b>8,970</b>	<b>12,240</b>	<b>3.6%</b>	<b>330</b>	<b>180</b>	<b>510</b>	<b>\$15.70</b>	<b>\$26.90</b>			
<b>29-1000</b>	<b>Health Diagnosing and Treating Practitioners</b>		<b>5,740</b>	<b>7,800</b>	<b>3.6%</b>	<b>210</b>	<b>120</b>	<b>320</b>					
29-1011	Chiropractors	2	70	90	2.4%	0	0	0	\$22.90	\$46.40	Doctoral or professional degree	None	None
29-1021	Dentists, General	5	340	500	4.5%	20	10	20	\$31.10	\$58.90	Doctoral or professional degree	None	None
29-1031	Dietitians and Nutritionists	2	70	90	2.8%	0	0	0	\$17.80	\$23.00	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	NR	40	50	3.0%	0	0	0	\$45.00	\$51.50	Doctoral or professional degree	None	None
29-1051	Pharmacists	5	360	450	2.7%	10	10	20	\$46.60	\$59.70	Doctoral or professional degree	None	None
29-1062	Family and General Practitioners	4	70	100	4.6%	0	0	10	\$63.10	\$90.10	Doctoral or professional degree	None	Internship/residency
29-1069	Physicians and Surgeons, All Other	4	210	280	3.6%	10	10	10	\$38.30	\$78.40	Doctoral or professional degree	None	Internship/residency
29-1071	Physician Assistants	5	170	280	6.7%	10	0	10	\$16.30	\$40.30	Master's degree	None	None
29-1122	Occupational Therapists	4	120	170	4.0%	10	0	10	\$30.90	\$39.80	Master's degree	None	None
29-1123	Physical Therapists	5	250	360	4.6%	10	10	20	\$21.40	\$37.10	Doctoral or professional degree	None	None
29-1125	Recreational Therapists	2	90	110	2.3%	0	0	0	\$13.50	\$17.10	Bachelor's degree	None	None
29-1127	Speech-Language Pathologists	3	130	160	2.5%	0	0	10	\$11.50	\$18.50	Master's degree	None	None
29-1131	Veterinarians	2	70	90	2.2%	0	0	0	\$30.80	\$38.50	Doctoral or professional degree	None	None
29-1141	Registered Nurses	5	3,010	3,920	3.1%	90	60	150	\$22.40	\$27.00	Associate's degree	None	None
29-1171	Nurse Practitioners	5	300	500	6.4%	20	10	30	\$35.90	\$42.00	Master's degree	None	None
<b>29-2000</b>	<b>Health Technologists and Technicians</b>		<b>2,990</b>	<b>4,130</b>	<b>3.8%</b>	<b>110</b>	<b>60</b>	<b>170</b>					
29-2011	Medical and Clinical Laboratory Technologists	3	110	140	2.5%	0	0	10	\$18.80	\$25.90	Bachelor's degree	None	None
29-2021	Dental Hygienists	5	410	660	5.9%	20	10	40	\$23.70	\$32.40	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	4	70	100	6.0%	0	0	10	\$26.90	\$32.60	Associate's degree	None	None
29-2034	Radiologic Technologists	4	200	280	3.8%	10	0	10	\$18.90	\$24.10	Associate's degree	None	None
29-2041	Emergency Medical Technicians and Paramedics	1	160	210	3.6%	10	0	10	\$8.60	\$10.70	Postsecondary non-degree award	None	None
29-2052	Pharmacy Technicians	3	460	620	3.5%	20	0	20	\$13.10	\$14.90	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2055	Surgical Technologists	4	160	240	4.9%	10	0	10	\$13.60	\$17.50	Postsecondary non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	3	70	90	3.7%	0	0	0	\$10.50	\$12.70	Associate's degree	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	4	340	450	3.5%	10	10	20	\$15.10	\$19.60	Postsecondary non-degree award	None	None
29-2071	Medical Records and Health Information Technicians	4	290	410	4.0%	10	10	20	\$12.00	\$15.60	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	3	90	120	3.0%	0	0	10	\$10.50	\$13.60	High school diploma or equivalent	None	Long-term on-the-job training
29-2099	Health Technologists and Technicians, All Other	NR	70	110	4.8%	0	0	0	\$13.00	\$15.40	High school diploma or equivalent	None	None
<b>29-9000</b>	<b>Other Healthcare Practitioners and Technical Occupations</b>		<b>240</b>	<b>310</b>	<b>3.1%</b>	<b>10</b>	<b>10</b>	<b>10</b>					
29-9011	Occupational Health and Safety Specialists	3	60	90	4.2%	0	0	0	\$23.10	\$30.00	Bachelor's degree	None	Short-term on-the-job training
<b>31-0000</b>	<b>Healthcare Support Occupations</b>		<b>5,550</b>	<b>8,020</b>	<b>4.4%</b>	<b>250</b>	<b>110</b>	<b>350</b>	<b>\$9.40</b>	<b>\$11.40</b>			
<b>31-1000</b>	<b>Nursing, Psychiatric, and Home Health Aides</b>		<b>2,580</b>	<b>3,580</b>	<b>3.9%</b>	<b>100</b>	<b>50</b>	<b>150</b>					
31-1011	Home Health Aides	1	1,000	1,380	3.8%	40	20	60	\$8.10	\$9.50	Less than high school	None	Short-term on-the-job training
31-1014	Nursing Assistants	1	1,520	2,120	4.0%	60	30	90	\$9.80	\$10.80	Postsecondary non-degree award	None	None
<b>31-2000</b>	<b>Occupational Therapy and Physical Therapist Assistants and Aides</b>		<b>260</b>	<b>390</b>	<b>4.9%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
31-2021	Physical Therapist Assistants	4	50	80	4.9%	0	0	0	\$18.00	\$23.80	Associate's degree	None	None
31-2022	Physical Therapist Aides	1	190	290	4.9%	10	0	10	\$8.10	\$9.00	High school diploma or equivalent	None	Short-term on-the-job training
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>		<b>2,710</b>	<b>4,050</b>	<b>4.9%</b>	<b>130</b>	<b>50</b>	<b>190</b>					
31-9091	Dental Assistants	3	980	1,460	4.9%	50	20	70	\$10.90	\$13.20	Postsecondary non-degree award	None	None
31-9092	Medical Assistants	3	1,160	1,830	5.8%	70	20	90	\$10.80	\$12.90	Postsecondary non-degree award	None	None
31-9094	Medical Transcriptionists	0	100	120	2.1%	0	0	0	\$12.50	\$13.50	Postsecondary non-degree award	None	None
31-9097	Phlebotomists	3	90	120	4.1%	0	0	10	\$10.50	\$11.80	Postsecondary non-degree award	None	None

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>33-0000</b>	<b>Protective Service Occupations</b>		<b>3,230</b>	<b>4,210</b>	<b>3.0%</b>	<b>100</b>	<b>100</b>	<b>190</b>	<b>\$9.30</b>	<b>\$15.20</b>			
<b>33-1000</b>	<b>Supervisors of Protective Service Workers</b>		<b>300</b>	<b>400</b>	<b>3.2%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
33-1012	First-Line Supervisors of Police and Detectives	4	180	240	3.3%	10	10	10	\$23.00	\$29.30	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
33-1099	First-Line Supervisors of Protective Service Workers, All Other	NR	60	80	2.8%	0	0	0	\$15.90	\$23.60	High school diploma or equivalent	Less than 5 years	None
<b>33-2000</b>	<b>Fire Fighting and Prevention Workers</b>		<b>290</b>	<b>390</b>	<b>3.5%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
33-2011	Firefighters	3	290	390	3.5%	10	10	20	\$10.40	\$13.10	Postsecondary non-degree award	None	Long-term on-the-job training
<b>33-3000</b>	<b>Law Enforcement Workers</b>		<b>1,010</b>	<b>1,350</b>	<b>3.3%</b>	<b>30</b>	<b>30</b>	<b>60</b>					
33-3012	Correctional Officers and Jailers	4	180	240	3.4%	10	10	10	\$16.00	\$20.10	High school diploma or equivalent	None	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	5	770	1,030	3.3%	30	20	50	\$14.50	\$20.90	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>33-9000</b>	<b>Other Protective Service Workers</b>		<b>1,620</b>	<b>2,070</b>	<b>2.7%</b>	<b>40</b>	<b>50</b>	<b>90</b>					
33-9032	Security Guards	3	730	940	2.8%	20	10	30	\$10.60	\$13.70	High school diploma or equivalent	None	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1	290	380	3.3%	10	20	30	\$8.10	\$8.60	High school diploma or equivalent	None	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	NR	130	160	2.5%	0	10	10	\$10.40	\$10.90	High school diploma or equivalent	None	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>		<b>14,430</b>	<b>19,170</b>	<b>3.3%</b>	<b>470</b>	<b>540</b>	<b>1,010</b>	<b>\$8.10</b>	<b>\$8.90</b>			
<b>35-1000</b>	<b>Supervisors of Food Preparation and Serving Workers</b>		<b>1,040</b>	<b>1,400</b>	<b>3.4%</b>	<b>40</b>	<b>30</b>	<b>60</b>					
35-1011	Chefs and Head Cooks	3	100	130	2.8%	0	0	10	\$15.20	\$18.30	High school diploma or equivalent	5 years or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	3	940	1,260	3.5%	30	30	60	\$9.80	\$12.60	High school diploma or equivalent	Less than 5 years	None
<b>35-2000</b>	<b>Cooks and Food Preparation Workers</b>		<b>2,790</b>	<b>3,560</b>	<b>2.8%</b>	<b>80</b>	<b>60</b>	<b>140</b>					
35-2011	Cooks, Fast Food	1	480	580	2.1%	10	10	20	\$8.10	\$8.90	Less than high school	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	1	860	1,090	2.7%	20	20	40	\$8.20	\$9.50	Less than high school	None	Short-term on-the-job training
35-2014	Cooks, Restaurant	1	710	990	3.9%	30	10	40	\$8.20	\$10.40	Less than high school	Less than 5 years	Moderate-term on-the-job training
35-2021	Food Preparation Workers	1	660	800	2.1%	10	20	30	\$8.00	\$8.80	Less than high school	None	Short-term on-the-job training
<b>35-3000</b>	<b>Food and Beverage Serving Workers</b>		<b>9,320</b>	<b>12,550</b>	<b>3.5%</b>	<b>320</b>	<b>380</b>	<b>710</b>					
35-3011	Bartenders	1	320	410	2.7%	10	10	20	\$8.00	\$9.30	Less than high school	None	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1	6,490	8,980	3.8%	250	250	500	\$8.10	\$8.50	Less than high school	None	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1	540	650	2.1%	10	30	40	\$8.10	\$8.80	Less than high school	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	1	1,780	2,270	2.7%	50	90	130	\$8.10	\$9.40	Less than high school	None	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	1	180	250	3.8%	10	10	10	\$8.60	\$10.30	Less than high school	None	Short-term on-the-job training
<b>35-9000</b>	<b>Other Food Preparation and Serving Related Workers</b>		<b>1,290</b>	<b>1,670</b>	<b>2.9%</b>	<b>40</b>	<b>70</b>	<b>100</b>					
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1	400	510	2.8%	10	20	30	\$8.10	\$9.20	Less than high school	None	Short-term on-the-job training
35-9021	Dishwashers	1	570	750	3.1%	20	30	40	\$8.10	\$8.60	Less than high school	None	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1	320	410	2.8%	10	20	30	\$8.10	\$8.70	Less than high school	None	None
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>		<b>6,270</b>	<b>7,960</b>	<b>2.7%</b>	<b>170</b>	<b>130</b>	<b>300</b>	<b>\$8.10</b>	<b>\$10.20</b>			
<b>37-1000</b>	<b>Supervisors of Building and Grounds Cleaning and Maintenance Workers</b>		<b>690</b>	<b>920</b>	<b>3.4%</b>	<b>20</b>	<b>10</b>	<b>40</b>					
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	4	340	440	3.3%	10	10	20	\$14.00	\$19.60	High school diploma or equivalent	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	4	350	470	3.5%	10	0	20	\$15.10	\$18.30	High school diploma or equivalent	Less than 5 years	None
<b>37-2000</b>	<b>Building Cleaning and Pest Control Workers</b>		<b>3,740</b>	<b>4,560</b>	<b>2.2%</b>	<b>80</b>	<b>70</b>	<b>160</b>					
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1	2,240	2,900	2.9%	70	40	110	\$8.10	\$9.10	Less than high school	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1	1,150	1,190	0.4%	0	20	30	\$8.10	\$8.90	Less than high school	None	Short-term on-the-job training
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>		<b>1,850</b>	<b>2,470</b>	<b>3.4%</b>	<b>60</b>	<b>50</b>	<b>110</b>					
37-3011	Landscaping and Groundskeeping Workers	1	1,710	2,280	3.3%	60	40	100	\$8.30	\$10.80	Less than high school	None	Short-term on-the-job training
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>		<b>5,900</b>	<b>7,400</b>	<b>2.5%</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>\$8.10</b>	<b>\$10.00</b>			
<b>39-1000</b>	<b>Supervisors of Personal Care and Service Workers</b>		<b>380</b>	<b>470</b>	<b>2.6%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
39-1021	First-Line Supervisors of Personal Service Workers	3	380	470	2.6%	10	10	20	\$11.40	\$13.70	High school diploma or equivalent	Less than 5 years	None
<b>39-2000</b>	<b>Animal Care and Service Workers</b>		<b>200</b>	<b>280</b>	<b>4.0%</b>	<b>10</b>	<b>0</b>	<b>10</b>					
39-2011	Animal Trainers	1	50	70	4.0%	0	0	0	\$8.40	\$10.40	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	1	160	220	4.0%	10	0	10	\$8.10	\$8.70	Less than high school	None	Short-term on-the-job training
<b>39-3000</b>	<b>Entertainment Attendants and Related Workers</b>		<b>790</b>	<b>910</b>	<b>1.6%</b>	<b>10</b>	<b>40</b>	<b>50</b>					
39-3031	Ushers, Lobby Attendants, and Ticket Takers	1	130	160	1.8%	0	10	10	\$8.20	\$9.10	Less than high school	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	1	590	700	1.7%	10	30	40	\$8.10	\$9.00	Less than high school	None	Short-term on-the-job training
<b>39-4000</b>	<b>Funeral Service Workers</b>		<b>40</b>	<b>50</b>	<b>1.7%</b>	<b>0</b>	<b>0</b>	<b>0</b>					
<b>39-5000</b>	<b>Personal Appearance Workers</b>		<b>1,000</b>	<b>1,390</b>	<b>3.9%</b>	<b>40</b>	<b>20</b>	<b>60</b>					
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1	580	800	3.7%	20	10	40	\$8.70	\$12.60	Postsecondary non-degree award	None	None
<b>39-9000</b>	<b>Other Personal Care and Service Workers</b>		<b>3,440</b>	<b>4,220</b>	<b>2.3%</b>	<b>80</b>	<b>80</b>	<b>150</b>					
39-9011	Childcare Workers	1	1,280	1,490	1.6%	20	40	60	\$8.10	\$8.90	High school diploma or equivalent	None	Short-term on-the-job training
39-9021	Personal Care Aides	1	560	730	2.9%	20	0	20	\$8.20	\$10.30	Less than high school	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	1	490	560	1.4%	10	10	10	\$11.00	\$18.10	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	1	630	850	3.5%	20	10	30	\$8.10	\$8.90	Bachelor's degree	None	None

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>41-0000</b>	<b>Sales and Related Occupations</b>		<b>21,920</b>	<b>27,850</b>	<b>2.7%</b>	<b>590</b>	<b>650</b>	<b>1,250</b>	<b>\$8.20</b>	<b>\$11.40</b>			
<b>41-1000</b>	<b>Supervisors of Sales Workers</b>		<b>2,650</b>	<b>3,260</b>	<b>2.3%</b>	<b>60</b>	<b>50</b>	<b>110</b>					
41-1011	First-Line Supervisors of Retail Sales Workers	4	2,000	2,480	2.4%	50	40	90	\$11.30	\$16.00	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	5	660	780	1.9%	10	10	20	\$14.40	\$24.50	High school diploma or equivalent	Less than 5 years	None
<b>41-2000</b>	<b>Retail Sales Workers</b>		<b>11,980</b>	<b>14,940</b>	<b>2.5%</b>	<b>300</b>	<b>440</b>	<b>740</b>					
41-2011	Cashiers	1	4,620	5,500	1.9%	90	200	290	\$8.10	\$9.00	Less than high school	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1	510	680	3.4%	20	10	30	\$8.30	\$10.20	Less than high school	None	Short-term on-the-job training
41-2022	Parts Salespersons	3	330	440	3.1%	10	10	20	\$11.20	\$14.60	Less than high school	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	1	6,520	8,320	2.8%	180	220	400	\$8.10	\$10.30	Less than high school	None	Short-term on-the-job training
<b>41-3000</b>	<b>Sales Representatives, Services</b>		<b>2,960</b>	<b>4,060</b>	<b>3.7%</b>	<b>110</b>	<b>80</b>	<b>190</b>					
41-3011	Advertising Sales Agents	2	110	130	1.5%	0	0	10	\$11.10	\$19.50	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	4	410	540	3.1%	10	10	20	\$10.90	\$16.20	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	3	150	180	2.1%	0	0	10	\$20.80	\$64.80	Bachelor's degree	None	Moderate-term on-the-job training
<b>41-4000</b>	<b>Sales Representatives, Wholesale and Manufacturing</b>		<b>2,180</b>	<b>2,790</b>	<b>2.8%</b>	<b>60</b>	<b>40</b>	<b>100</b>					
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	5	720	920	2.7%	20	10	30	\$16.90	\$31.80	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5	1,450	1,870	2.8%	40	30	70	\$13.90	\$24.50	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>41-9000</b>	<b>Other Sales and Related Workers</b>		<b>2,150</b>	<b>2,800</b>	<b>3.0%</b>	<b>70</b>	<b>40</b>	<b>100</b>					
41-9011	Demonstrators and Product Promoters	3	140	220	5.2%	10	0	10	\$11.10	\$12.80	High school diploma or equivalent	None	Short-term on-the-job training
41-9022	Real Estate Sales Agents	4	660	950	4.4%	30	10	40	\$10.20	\$18.10	High school diploma or equivalent	None	Long-term on-the-job training
41-9031	Sales Engineers	NR	40	60	3.5%	0	0	0	\$19.70	\$38.10	Bachelor's degree	None	Moderate-term on-the-job training
41-9041	Telemarketers	1	1,000	1,150	1.5%	20	20	40	\$9.60	\$11.60	Less than high school	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	NR	250	350	3.9%	10	10	20	\$10.70	\$13.10	High school diploma or equivalent	None	None

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>		<b>31,620</b>	<b>40,910</b>	<b>2.9%</b>	<b>940</b>	<b>690</b>	<b>1,630</b>	<b>\$9.40</b>	<b>\$13.20</b>			
<b>43-1000</b>	<b>Supervisors of Office and Administrative Support Workers</b>		<b>1,770</b>	<b>2,340</b>	<b>3.2%</b>	<b>60</b>	<b>40</b>	<b>100</b>					
43-1011	First-Line Supervisors of Office and Administrative Support Workers	4	1,770	2,340	3.2%	60	40	100	\$14.80	\$20.70	High school diploma or equivalent	Less than 5 years	None
<b>43-2000</b>	<b>Communications Equipment Operators</b>		<b>70</b>	<b>70</b>	<b>-0.8%</b>	<b>0</b>	<b>0</b>	<b>0</b>					
43-2011	Switchboard Operators, Including Answering Service	0	70	60	-0.9%	0	0	0	\$8.80	\$11.90	High school diploma or equivalent	None	Short-term on-the-job training
<b>43-3000</b>	<b>Financial Clerks</b>		<b>3,740</b>	<b>5,070</b>	<b>3.6%</b>	<b>130</b>	<b>70</b>	<b>210</b>					
43-3011	Bill and Account Collectors	3	160	200	2.8%	0	0	10	\$11.60	\$14.30	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	3	460	700	5.2%	20	10	30	\$11.20	\$13.90	High school diploma or equivalent	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4	2,070	2,790	3.5%	70	20	90	\$11.60	\$15.70	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	4	250	330	3.3%	10	10	10	\$14.00	\$17.90	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	1	720	930	3.0%	20	30	60	\$10.00	\$11.20	High school diploma or equivalent	None	Short-term on-the-job training
<b>43-4000</b>	<b>Information and Record Clerks</b>		<b>10,360</b>	<b>13,780</b>	<b>3.3%</b>	<b>340</b>	<b>270</b>	<b>610</b>					
43-4031	Court, Municipal, and License Clerks	3	100	140	3.5%	0	0	10	\$11.70	\$14.00	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	NR	40	50	2.9%	0	0	0	\$12.60	\$15.30	High school diploma or equivalent	None	Short-term on-the-job training
43-4051	Customer Service Representatives	3	5,880	7,890	3.4%	200	160	360	\$9.40	\$12.00	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	3	130	170	3.4%	0	0	10	\$13.00	\$16.90	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4071	File Clerks	0	120	130	1.0%	0	0	0	\$8.70	\$12.70	High school diploma or equivalent	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	1	190	250	3.1%	10	10	20	\$8.20	\$9.20	High school diploma or equivalent	None	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	1	890	1,160	3.0%	30	20	40	\$8.50	\$10.50	High school diploma or equivalent	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	1	120	170	4.1%	10	10	10	\$8.10	\$8.80	High school diploma or equivalent	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	4	260	360	3.8%	10	0	10	\$11.50	\$16.10	High school diploma or equivalent	None	Short-term on-the-job training
43-4151	Order Clerks	0	340	340	-0.1%	0	10	10	\$9.80	\$12.20	High school diploma or equivalent	None	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	0	140	160	1.2%	0	0	10	\$8.30	\$13.80	High school diploma or equivalent	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	1	1,990	2,810	4.1%	80	50	140	\$9.40	\$11.50	High school diploma or equivalent	None	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	NR	40	40	2.2%	0	0	0	\$9.60	\$12.10	High school diploma or equivalent	None	Short-term on-the-job training
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching, and Distributing Workers</b>		<b>4,760</b>	<b>5,550</b>	<b>1.6%</b>	<b>80</b>	<b>130</b>	<b>220</b>					
43-5021	Couriers and Messengers	0	130	160	1.7%	0	0	0	\$9.30	\$12.10	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	3	130	170	3.1%	0	0	10	\$14.90	\$17.80	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	3	150	190	3.1%	10	0	10	\$9.10	\$14.80	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	NR	40	40	0.0%	0	0	0	\$10.30	\$12.80	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	2	80	60	-1.6%	0	0	0	\$18.70	\$25.90	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	2	360	330	-0.9%	0	10	10	\$19.00	\$27.20	High school diploma or equivalent	None	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	2	70	60	-1.4%	0	0	0	\$14.90	\$24.90	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	4	260	330	2.8%	10	10	10	\$11.80	\$16.90	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	3	1,200	1,490	2.4%	30	30	60	\$9.20	\$12.30	High school diploma or equivalent	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1	2,290	2,630	1.5%	30	70	100	\$8.20	\$10.50	Less than high school	None	Short-term on-the-job training
<b>43-6000</b>	<b>Secretaries and Administrative Assistants</b>		<b>6,000</b>	<b>8,030</b>	<b>3.4%</b>	<b>200</b>	<b>70</b>	<b>280</b>					
43-6011	Executive Secretaries and Executive Administrative Assistants	5	850	990	1.7%	10	10	30	\$15.80	\$21.40	High school diploma or equivalent	Less than 5 years	None
43-6012	Legal Secretaries	3	350	480	3.7%	10	0	20	\$12.90	\$14.70	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6013	Medical Secretaries	3	760	1,120	4.7%	40	10	50	\$11.70	\$14.60	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	3	4,040	5,440	3.5%	140	50	190	\$10.40	\$14.20	High school diploma or equivalent	None	Short-term on-the-job training
<b>43-9000</b>	<b>Other Office and Administrative Support Workers</b>		<b>4,930</b>	<b>6,070</b>	<b>2.3%</b>	<b>120</b>	<b>100</b>	<b>220</b>					
43-9011	Computer Operators	2	80	90	0.6%	0	0	0	\$13.20	\$16.90	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9021	Data Entry Keyers	0	320	290	-0.9%	0	0	0	\$8.30	\$10.80	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9022	Word Processors and Typists	2	60	60	-0.3%	0	0	0	\$11.70	\$15.80	High school diploma or equivalent	None	Short-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	0	160	180	1.3%	0	0	10	\$10.20	\$11.80	High school diploma or equivalent	None	Short-term on-the-job training
43-9061	Office Clerks, General	3	3,980	5,050	2.7%	110	80	190	\$8.90	\$12.00	High school diploma or equivalent	None	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	0	70	80	0.3%	0	0	0	\$10.10	\$11.40	High school diploma or equivalent	None	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	NR	170	220	2.9%	10	10	10	\$13.00	\$16.50	High school diploma or equivalent	None	Short-term on-the-job training
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>		<b>860</b>	<b>1,050</b>	<b>2.2%</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>\$8.60</b>	<b>\$10.40</b>			
<b>45-1000</b>	<b>Supervisors of Farming, Fishing, and Forestry Workers</b>		<b>40</b>	<b>50</b>	<b>2.4%</b>	<b>0</b>	<b>0</b>	<b>0</b>					
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	NR	40	50	2.4%	0	0	0	\$12.30	\$16.50	High school diploma or equivalent	Less than 5 years	None
<b>45-2000</b>	<b>Agricultural Workers</b>		<b>810</b>	<b>990</b>	<b>2.2%</b>	<b>20</b>	<b>20</b>	<b>40</b>					
45-2091	Agricultural Equipment Operators	NR	40	60	3.2%	0	0	0			Less than high school	None	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1	630	770	2.2%	10	20	30	\$9.10	\$10.40	Less than high school	None	Short-term on-the-job training
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	0	90	110	2.5%	0	0	10	\$8.00	\$8.80	Less than high school	None	Short-term on-the-job training

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>		<b>12,320</b>	<b>20,110</b>	<b>6.3%</b>	<b>780</b>	<b>200</b>	<b>980</b>	<b>\$11.90</b>	<b>\$16.60</b>			
<b>47-1000</b>	<b>Supervisors of Construction and Extraction Workers</b>		<b>1,240</b>	<b>2,050</b>	<b>6.5%</b>	<b>80</b>	<b>10</b>	<b>90</b>					
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	5	1,240	2,050	6.5%	80	10	90	\$17.80	\$23.50	High school diploma or equivalent	5 years or more	None
<b>47-2000</b>	<b>Construction Trades Workers</b>		<b>9,690</b>	<b>15,600</b>	<b>6.1%</b>	<b>590</b>	<b>160</b>	<b>760</b>					
47-2021	Brickmasons and Blockmasons	4	300	630	11.0%	30	0	40	\$15.80	\$19.90	High school diploma or equivalent	None	Apprenticeship
47-2031	Carpenters	4	2,070	3,100	4.9%	100	30	130	\$13.50	\$16.90	High school diploma or equivalent	None	Apprenticeship
47-2044	Tile and Marble Setters	4	170	250	4.5%	10	0	10	\$10.80	\$17.00	Less than high school	None	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	3	480	850	7.5%	40	10	40	\$12.40	\$14.20	Less than high school	None	Moderate-term on-the-job training
47-2061	Construction Laborers	3	2,290	3,580	5.7%	130	50	180	\$10.20	\$12.60	Less than high school	None	Short-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	4	780	1,130	4.5%	40	20	50	\$14.20	\$16.70	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	4	390	590	5.2%	20	0	20	\$14.70	\$18.10	Less than high school	None	Moderate-term on-the-job training
47-2111	Electricians	5	950	1,730	8.3%	80	20	100	\$16.50	\$22.00	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	3	720	1,120	5.6%	40	10	50	\$8.50	\$15.30	Less than high school	None	Moderate-term on-the-job training
47-2151	Pipelayers	3	130	180	4.3%	10	0	10	\$12.00	\$14.10	Less than high school	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	5	540	990	8.4%	50	10	50	\$20.80	\$25.60	High school diploma or equivalent	None	Apprenticeship
47-2181	Roofers	4	170	260	5.1%	10	0	10	\$14.90	\$19.80	Less than high school	None	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	4	160	280	8.0%	10	0	20	\$13.10	\$16.40	High school diploma or equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	4	310	540	7.6%	20	10	30	\$15.70	\$18.00	High school diploma or equivalent	None	Apprenticeship
<b>47-3000</b>	<b>Helpers, Construction Trades</b>		<b>960</b>	<b>1,910</b>	<b>9.9%</b>	<b>100</b>	<b>20</b>	<b>110</b>					
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	3	190	420	11.9%	20	0	30	\$12.70	\$15.40	Less than high school	None	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	3	120	220	8.8%	10	0	10	\$9.70	\$12.80	High school diploma or equivalent	None	Short-term on-the-job training
47-3016	Helpers--Roofers	3	100	170	7.2%	10	0	10	\$12.10	\$13.60	Less than high school	None	Short-term on-the-job training
<b>47-4000</b>	<b>Other Construction and Related Workers</b>		<b>330</b>	<b>440</b>	<b>3.5%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
47-4011	Construction and Building Inspectors	3	90	120	3.3%	0	0	10	\$17.00	\$25.20	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	2	50	70	2.7%	0	0	0	\$14.70	\$24.40	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	3	100	130	2.9%	0	0	0	\$14.90	\$18.40	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>47-5000</b>	<b>Extraction Workers</b>		<b>100</b>	<b>110</b>	<b>0.9%</b>	<b>0</b>	<b>0</b>	<b>0</b>					
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>		<b>5,900</b>	<b>7,900</b>	<b>3.4%</b>	<b>200</b>	<b>140</b>	<b>340</b>	<b>\$11.60</b>	<b>\$18.90</b>			
<b>49-1000</b>	<b>Supervisors of Installation, Maintenance, and Repair Workers</b>		<b>560</b>	<b>730</b>	<b>3.0%</b>	<b>20</b>	<b>20</b>	<b>30</b>					
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	5	560	730	3.0%	20	20	30	\$17.00	\$29.00	High school diploma or equivalent	Less than 5 years	None
<b>49-2000</b>	<b>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</b>		<b>630</b>	<b>810</b>	<b>2.7%</b>	<b>20</b>	<b>10</b>	<b>30</b>					
49-2011	Computer, Automated Teller, and Office Machine Repairers	2	130	140	1.3%	0	0	0	\$11.60	\$17.00	Some college, no degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	3	130	170	3.6%	0	0	10	\$23.70	\$28.30	Postsecondary non-degree award	None	Long-term on-the-job training
49-2098	Security and Fire Alarm Systems Installers	3	110	140	3.0%	0	0	10	\$14.80	\$17.60	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>49-3000</b>	<b>Vehicle and Mobile Equipment Mechanics, Installers, and Repairers</b>		<b>1,910</b>	<b>2,490</b>	<b>3.0%</b>	<b>60</b>	<b>50</b>	<b>110</b>					
49-3021	Automotive Body and Related Repairers	4	190	240	3.0%	10	0	10	\$15.60	\$20.30	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	4	1,070	1,390	2.9%	30	30	60	\$9.40	\$16.00	High school diploma or equivalent	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4	220	290	3.0%	10	10	10	\$15.10	\$19.20	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	4	100	140	4.1%	0	0	10	\$17.90	\$22.10	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	3	100	130	3.1%	0	0	10	\$10.10	\$13.20	High school diploma or equivalent	None	Short-term on-the-job training
<b>49-9000</b>	<b>Other Installation, Maintenance, and Repair Occupations</b>		<b>2,800</b>	<b>3,880</b>	<b>3.9%</b>	<b>110</b>	<b>70</b>	<b>180</b>					
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4	370	650	7.7%	30	10	40	\$12.70	\$18.20	Postsecondary non-degree award	None	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	5	380	530	3.9%	20	10	30	\$17.00	\$21.30	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	3	120	150	3.2%	0	0	10	\$13.50	\$22.00	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	3	130	160	2.5%	0	0	10	\$16.60	\$29.60	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	4	160	240	4.9%	10	0	10	\$14.00	\$18.10	High school diploma or equivalent	None	Long-term on-the-job training
49-9062	Medical Equipment Repairers	4	60	90	5.9%	0	0	10	\$13.10	\$22.00	Associate's degree	None	Moderate-term on-the-job training
49-9071	Maintenance and Repair Workers, General	3	1,030	1,340	3.0%	30	20	50	\$9.90	\$15.30	High school diploma or equivalent	None	Long-term on-the-job training
49-9094	Locksmiths and Safe Repairers	3	90	110	2.6%	0	0	10	\$14.70	\$20.70	High school diploma or equivalent	None	Long-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1	80	110	3.3%	0	0	10	\$8.10	\$11.10	High school diploma or equivalent	None	Moderate-term on-the-job training

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>51-0000</b>	<b>Production Occupations</b>		<b>13,060</b>	<b>15,990</b>	<b>2.2%</b>	<b>300</b>	<b>260</b>	<b>550</b>	<b>\$9.80</b>	<b>\$13.90</b>			
<b>51-1000</b>	<b>Supervisors of Production Workers</b>		<b>910</b>	<b>1,110</b>	<b>2.2%</b>	<b>20</b>	<b>10</b>	<b>30</b>					
51-1011	First-Line Supervisors of Production and Operating Workers	5	910	1,110	2.2%	20	10	30	\$15.60	\$22.90	Postsecondary non-degree award	Less than 5 years	None
<b>51-2000</b>	<b>Assemblers and Fabricators</b>		<b>2,240</b>	<b>2,850</b>	<b>2.7%</b>	<b>60</b>	<b>40</b>	<b>100</b>					
51-2022	Electrical and Electronic Equipment Assemblers	4	370	500	3.6%	10	0	20	\$13.20	\$16.00	High school diploma or equivalent	None	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	3	220	250	1.5%	0	10	10	\$14.20	\$17.80	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2092	Team Assemblers	3	1,240	1,530	2.4%	30	20	50	\$10.10	\$11.90	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	NR	270	360	3.4%	10	0	10	\$8.80	\$10.90	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>51-3000</b>	<b>Food Processing Workers</b>		<b>930</b>	<b>1,120</b>	<b>2.0%</b>	<b>20</b>	<b>20</b>	<b>40</b>					
51-3011	Bakers	1	330	410	2.5%	10	10	20	\$8.70	\$11.50	Less than high school	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	0	130	160	1.7%	0	0	10	\$10.60	\$14.00	Less than high school	None	Long-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	0	110	120	1.2%	0	0	0	\$9.70	\$10.80	Less than high school	None	Moderate-term on-the-job training
51-3092	Food Batchmakers	0	80	100	2.0%	0	0	0	\$9.20	\$11.20	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>51-4000</b>	<b>Metal Workers and Plastic Workers</b>		<b>2,770</b>	<b>3,310</b>	<b>2.0%</b>	<b>60</b>	<b>50</b>	<b>110</b>					
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	3	70	100	4.0%	0	0	10	\$13.60	\$16.50	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	0	520	570	0.8%	0	0	10	\$10.90	\$13.20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	0	140	130	-0.3%	0	0	0	\$11.30	\$14.10	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	4	400	510	2.6%	10	10	20	\$15.20	\$20.60	High school diploma or equivalent	None	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	3	130	160	2.8%	0	0	10	\$12.90	\$13.60	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	3	780	1,020	3.0%	20	20	40	\$10.80	\$15.10	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>51-5100</b>	<b>Printing Workers</b>		<b>660</b>	<b>740</b>	<b>1.2%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
51-5111	Prepress Technicians and Workers	0	110	130	1.6%	0	0	0	\$9.10	\$14.30	Postsecondary non-degree award	None	None
51-5112	Printing Press Operators	3	420	480	1.6%	10	10	10	\$9.70	\$14.00	High school diploma or equivalent	None	Moderate-term on-the-job training
51-5113	Print Binding and Finishing Workers	0	140	130	-0.3%	0	0	0	\$9.40	\$13.30	High school diploma or equivalent	None	Short-term on-the-job training
<b>51-6000</b>	<b>Textile, Apparel, and Furnishings Workers</b>		<b>780</b>	<b>980</b>	<b>2.6%</b>	<b>20</b>	<b>10</b>	<b>30</b>					
51-6031	Sewing Machine Operators	0	190	210	1.2%	0	0	0	\$8.20	\$10.00	Less than high school	None	Short-term on-the-job training
<b>51-7000</b>	<b>Woodworkers</b>		<b>630</b>	<b>830</b>	<b>3.1%</b>	<b>20</b>	<b>10</b>	<b>30</b>					
51-7011	Cabinetmakers and Bench Carpenters	4	330	430	3.3%	10	0	10	\$11.60	\$15.60	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7021	Furniture Finishers	3	60	90	3.4%	0	0	0	\$11.10	\$14.60	High school diploma or equivalent	None	Short-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	3	160	200	2.9%	0	0	10	\$9.40	\$13.20	High school diploma or equivalent	None	Short-term on-the-job training
<b>51-8000</b>	<b>Plant and System Operators</b>		<b>240</b>	<b>310</b>	<b>2.8%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
51-8031	Water and Wastewater Treatment Plant and System Operators	4	170	220	2.7%	10	10	10	\$13.30	\$17.90	High school diploma or equivalent	None	Long-term on-the-job training
<b>51-9000</b>	<b>Other Production Occupations</b>		<b>3,900</b>	<b>4,750</b>	<b>2.2%</b>	<b>90</b>	<b>90</b>	<b>180</b>					
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	2	190	200	0.7%	0	10	10	\$10.30	\$15.50	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3	450	580	2.8%	10	10	20	\$10.50	\$14.80	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	0	100	110	0.5%	0	0	0	\$10.50	\$14.00	High school diploma or equivalent	None	Long-term on-the-job training
51-9081	Dental Laboratory Technicians	4	130	180	4.6%	10	0	10	\$10.90	\$15.60	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1	1,010	1,220	2.0%	20	20	40	\$9.00	\$10.90	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	3	230	290	2.4%	10	0	10	\$11.60	\$14.10	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9151	Photographic Process Workers and Processing Machine Operators	0	60	80	1.9%	0	0	0	\$9.40	\$12.10	High school diploma or equivalent	None	Short-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	3	90	120	3.5%	0	0	10	\$12.80	\$16.10	High school diploma or equivalent	None	Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	4	200	290	4.5%	10	0	10	\$8.40	\$16.30	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1	270	340	2.7%	10	10	10	\$9.10	\$11.00	Less than high school	None	Short-term on-the-job training
51-9199	Production Workers, All Other	NR	190	230	2.5%	10	10	10	\$8.80	\$13.80	High school diploma or equivalent	None	Moderate-term on-the-job training

## Provo/Orem, Utah MSA\* Occupational Projections 2012-2022

SOC Code	Occupation Title	Star Rating	Employment Estimates		Annual Growth Rate	Annual Openings			Hourly Wages		Preparation		
			2012	2022		Growth	Replacements	Total	Inexperienced	Median	Education	Work Experience	Job Training
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>		<b>7,830</b>	<b>10,200</b>	<b>3.0%</b>	<b>240</b>	<b>180</b>	<b>420</b>	<b>\$8.60</b>	<b>\$12.30</b>			
<b>53-1000</b>	<b>Supervisors of Transportation and Material Moving Workers</b>		<b>250</b>	<b>320</b>	<b>3.1%</b>	<b>10</b>	<b>10</b>	<b>10</b>					
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	4	160	210	3.4%	10	0	10	\$14.00	\$20.10	High school diploma or equivalent	Less than 5 years	None
<b>53-2000</b>	<b>Air Transportation Workers</b>		<b>60</b>	<b>80</b>	<b>3.2%</b>	<b>0</b>	<b>0</b>	<b>0</b>					
53-2012	Commercial Pilots	2	50	70	3.1%	0	0	0	\$37,068	\$45,680 **	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>53-3000</b>	<b>Motor Vehicle Operators</b>		<b>3,250</b>	<b>4,280</b>	<b>3.2%</b>	<b>100</b>	<b>50</b>	<b>160</b>					
53-3021	Bus Drivers, Transit and Intercity	NR	40	50	2.9%	0	0	0	\$10.40	\$12.10	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3022	Bus Drivers, School or Special Client	1	190	260	3.6%	10	0	10	\$12.00	\$13.70	High school diploma or equivalent	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	1	310	400	2.8%	10	10	10	\$8.20	\$8.90	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	4	1,430	1,830	2.7%	40	20	60	\$15.80	\$19.10	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck or Delivery Services Drivers	1	1,020	1,340	3.2%	30	20	50	\$8.20	\$11.70	High school diploma or equivalent	None	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	3	220	360	6.3%	10	0	20	\$9.90	\$12.80	Less than high school	None	Short-term on-the-job training
<b>53-6000</b>	<b>Other Transportation Workers</b>		<b>310</b>	<b>430</b>	<b>3.8%</b>	<b>10</b>	<b>10</b>	<b>20</b>					
53-6021	Parking Lot Attendants	NR	40	50	2.6%	0	0	0	\$8.10	\$9.10	Less than high school	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	1	190	260	4.1%	10	10	10	\$8.10	\$9.70	Less than high school	None	Short-term on-the-job training
<b>53-7000</b>	<b>Material Moving Workers</b>		<b>3,850</b>	<b>4,980</b>	<b>2.9%</b>	<b>110</b>	<b>110</b>	<b>220</b>					
53-7051	Industrial Truck and Tractor Operators	3	460	530	1.5%	10	10	20	\$10.50	\$13.90	Less than high school	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	1	570	750	3.1%	20	20	30	\$8.10	\$9.10	Less than high school	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1	1,650	2,210	3.4%	60	50	110	\$8.80	\$11.50	Less than high school	None	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1	1,000	1,270	2.6%	30	30	50	\$8.20	\$9.50	Less than high school	None	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	3	70	90	3.1%	0	0	0	\$12.20	\$15.90	Less than high school	None	Short-term on-the-job training

\* Utah and Juab counties.

\*\* Annual average wage or contract wage (education occupations).

NR = Not Rated

Note: Detail may not add to total due to rounding and the exclusion of small and/or confidential occupations.

For Star-rating criteria, see:

<http://jobs.utah.gov/wi/pubs/outlooks/state/starratings.pdf>

Source: Utah Department of Workforce Services, July 2014.