

## SOUTHWEST Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Southwest WIA	Work Experience in		On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education	a Related Occupation	
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>43,540</b>	<b>47,930</b>	<b>4,390</b>	<b>10.1%</b>	<b>15,250</b>	<b>\$30,985</b>			
11-1011	Chief Executives	190	200	10	4.3%	50	\$90,413	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	690	770	80	11.8%	210	\$75,784	Bachelor's degree	Less than 5 years	None
11-1031	Legislators	30	40	0	6.1%	10	\$18,843	Bachelor's degree	Less than 5 years	None
11-2022	Sales Managers	60	70	10	12.5%	20	\$83,683	Bachelor's degree	Less than 5 years	None
11-3011	Administrative Services Managers	90	100	10	10.2%	20	\$77,889	Bachelor's degree	Less than 5 years	None
11-3031	Financial Managers	150	160	10	7.9%	40	\$72,595	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	40	40	0	4.9%	10	\$93,229	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	40	40	0	11.1%	10	\$60,348	High school diploma or equivalent	5 years or more	None
11-3111	Compensation and Benefits Managers	20	30	0	4.0%	10	N/A	Bachelor's degree	5 years or more	None
11-9021	Construction Managers	280	320	40	13.7%	80	\$74,131	Bachelor's degree	None	Moderate-term on-the-job training
11-9031	Education Administrators, Preschool and Childcare Center/Program	40	50	0	11.4%	20	\$35,270	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary and Secondary School	100	110	0	1.9%	30	\$66,977	Master's degree	5 years or more	None
11-9041	Architectural and Engineering Managers	30	40	0	15.2%	10	N/A	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	120	120	0	1.7%	20	\$43,961	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	90	90	0	3.4%	30	N/A	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	60	70	10	13.8%	20	\$71,883	Bachelor's degree	None	None
11-9131	Postmasters and Mail Superintendents	50	40	-10	-12.8%	10	\$62,036	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	30	30	0	10.3%	10	N/A	High school diploma or equivalent	Less than 5 years	None
11-9151	Social and Community Service Managers	30	40	0	15.2%	10	\$49,602	Bachelor's degree	5 years or more	None
11-9199	Managers, All Other	50	50	0	8.3%	20	\$57,200	High school diploma or equivalent	Less than 5 years	None
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	80	80	10	7.9%	20	\$47,910	High school diploma or equivalent	None	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0.0%	10	\$47,909	High school diploma or equivalent	None	Long-term on-the-job training
13-1041	Compliance Officers	100	100	0	5.2%	20	\$38,193	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	80	90	0	3.6%	20	\$37,915	Bachelor's degree	None	None
13-1111	Management Analysts	90	110	20	23.3%	30	\$54,951	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	40	50	10	14.3%	10	\$43,672	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	40	50	10	22.7%	20	\$52,832	Bachelor's degree	None	None
13-1199	Business Operations Specialists, All Other	150	160	0	2.0%	20	\$59,915	High school diploma or equivalent	None	None
13-2011	Accountants and Auditors	330	380	50	14.5%	150	\$47,917	Bachelor's degree	None	None
13-2021	Appraisers and Assessors of Real Estate	50	50	0	4.3%	10	\$35,740	Bachelor's degree	None	Long-term on-the-job training
13-2072	Loan Officers	230	240	10	3.9%	50	\$60,700	Bachelor's degree	None	Moderate-term on-the-job training

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		2012	2022	Numeric	Percent		Median Annual Wage		a Related Occupation	
13-2099	Financial Specialists, All Other	30	30	0	-3.7%	0	N/A	Bachelor's degree	None	Moderate-term on-the-job training
15-1121	Computer Systems Analysts	30	30	0	15.4%	10	\$76,774	Bachelor's degree	None	None
15-1142	Network and Computer Systems Administrators	30	30	0	3.2%	10	\$56,282	Bachelor's degree	None	None
15-1151	Computer User Support Specialists	80	90	10	11.4%	20	\$41,789	Some college, no degree	None	Moderate-term on-the-job training
15-1152	Computer Network Support Specialists	90	100	10	9.1%	20	\$69,627	Associate's degree	None	None
17-1022	Surveyors	30	40	0	12.1%	10	\$30,482	Bachelor's degree	Less than 5 years	None
17-2051	Civil Engineers	40	40	0	5.4%	10	\$53,634	Bachelor's degree	None	None
17-2112	Industrial Engineers	30	30	0	0.0%	10	\$76,037	Bachelor's degree	None	None
17-2171	Petroleum Engineers	250	350	100	40.1%	160	\$134,299	Bachelor's degree	None	None
17-3031	Surveying and Mapping Technicians	100	120	20	22.1%	40	\$33,938	High school diploma or equivalent	None	Moderate-term on-the-job training
19-3031	Clinical, Counseling, and School Psychologists	30	30	0	3.2%	10	N/A	Doctoral or professional degree	None	Internship/residency
19-4041	Geological and Petroleum Technicians	60	70	20	26.3%	40	N/A	Associate's degree	None	Moderate-term on-the-job training
21-1012	Educational, Guidance, School, and Vocational Counselors	80	80	10	11.8%	20	\$47,599	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	140	150	10	4.2%	40	\$32,758	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	30	30	0	17.2%	10	\$35,803	Master's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	13.3%	10	N/A	Bachelor's degree	None	Short-term on-the-job training
21-1093	Social and Human Service Assistants	140	160	20	14.6%	60	\$22,691	High school diploma or equivalent	None	Short-term on-the-job training
23-1011	Lawyers	60	60	0	6.7%	10	\$62,059	Doctoral or professional degree	None	None
23-1023	Judges, Magistrate Judges, and Magistrates	30	30	0	3.4%	10	\$47,372	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-2093	Title Examiners, Abstractors, and Searchers	70	80	10	11.9%	20	N/A	High school diploma or equivalent	None	Short-term on-the-job training
25-1071	Health Specialties Teachers, Postsecondary	50	70	20	30.8%	20	\$92,041	Doctoral or professional degree	Less than 5 years	None
25-1194	Vocational Education Teachers, Postsecondary	70	70	10	9.1%	20	N/A	Bachelor's degree	Less than 5 years	None
25-2011	Preschool Teachers, Except Special Education	180	200	10	7.7%	60	\$31,950	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	80	90	10	8.9%	30	\$37,479	Bachelor's degree	None	Internship/residency
25-2021	Elementary School Teachers, Except Special Education	440	480	40	8.2%	130	\$38,480	Bachelor's degree	None	Internship/residency
25-2022	Middle School Teachers, Except Special and Career/Technical Education	150	160	10	8.0%	40	\$41,760	Bachelor's degree	None	Internship/residency
25-2023	Career/Technical Education Teachers, Middle School	30	30	0	3.2%	10	\$52,221	Bachelor's degree	Less than 5 years	Internship/residency
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	450	460	10	1.8%	130	\$40,421	Bachelor's degree	None	Internship/residency
25-2032	Career/Technical Education Teachers, Secondary School	70	80	0	1.4%	20	\$48,864	Bachelor's degree	Less than 5 years	Internship/residency
25-2052	Special Education Teachers, Kindergarten and Elementary School	50	50	0	2.0%	10	\$37,637	Bachelor's degree	None	Internship/residency
25-2054	Special Education Teachers, Secondary School	30	30	0	0.0%	10	\$43,151	Bachelor's degree	None	Internship/residency
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	40	50	10	14.3%	10	\$19,655	Bachelor's degree	None	Internship/residency

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		2012	2022	Numeric	Percent		Median Annual Wage			
25-3098	Substitute Teachers	150	150	0	3.4%	30	\$17,850	Bachelor's degree	None	Internship/residency
25-3099	Teachers and Instructors, All Other	110	120	10	5.4%	20	N/A	Bachelor's degree	None	Internship/residency
25-4021	Librarians	70	70	0	6.0%	20	\$40,857	Master's degree	None	None
25-4031	Library Technicians	90	90	0	4.6%	50	\$18,369	Postsecondary non-degree av	None	None
25-9041	Teacher Assistants	290	300	10	3.1%	80	\$17,789	Some college, no degree	None	None
27-1023	Floral Designers	40	30	0	-5.6%	10	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
27-3022	Reporters and Correspondents	30	30	0	-9.7%	10	N/A	Bachelor's degree	None	None
27-3043	Writers and Authors	50	50	0	2.0%	10	N/A	Bachelor's degree	None	Moderate-term on-the-job training
27-4021	Photographers	220	230	10	5.6%	40	\$28,412	High school diploma or equiv	None	Long-term on-the-job training
29-1021	Dentists, General	40	40	0	8.6%	10	\$133,559	Doctoral or professional degr	None	None
29-1051	Pharmacists	200	220	20	12.8%	70	\$102,183	Doctoral or professional degr	None	None
29-1062	Family and General Practitioners	40	40	0	4.7%	10	\$157,492	Doctoral or professional degr	None	Internship/residency
29-1123	Physical Therapists	50	60	10	24.0%	20	\$65,244	Doctoral or professional degr	None	None
29-1126	Respiratory Therapists	20	30	0	8.0%	10	N/A	Associate's degree	None	None
29-1127	Speech-Language Pathologists	40	40	0	8.6%	10	\$76,395	Master's degree	None	None
29-1141	Registered Nurses	690	760	70	10.3%	200	\$54,558	Associate's degree	None	None
29-2011	Medical and Clinical Laboratory Technologists	40	40	0	2.6%	10	\$48,800	Bachelor's degree	None	None
29-2012	Medical and Clinical Laboratory Technicians	60	70	10	17.5%	30	\$39,247	Associate's degree	None	None
29-2021	Dental Hygienists	50	60	10	20.8%	20	\$71,472	Associate's degree	None	None
29-2034	Radiologic Technologists	80	90	10	8.4%	20	\$44,484	Associate's degree	None	None
29-2041	Emergency Medical Technicians and Paramedics	90	110	20	18.7%	40	\$27,946	Postsecondary non-degree av	None	None
29-2052	Pharmacy Technicians	190	230	40	20.4%	60	\$26,650	High school diploma or equiv	None	Moderate-term on-the-job training
29-2055	Surgical Technologists	40	50	10	19.0%	10	\$31,046	Postsecondary non-degree av	None	None
29-2056	Veterinary Technologists and Technicians	40	60	10	31.1%	20	N/A	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	30	30	0	17.9%	10	N/A	Postsecondary non-degree av	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	440	500	60	14.6%	170	\$35,852	Postsecondary non-degree av	None	None
29-2071	Medical Records and Health Information Technicians	60	70	10	13.1%	20	\$29,530	Postsecondary non-degree av	None	None
31-1011	Home Health Aides	70	90	20	23.0%	30	\$20,743	Less than high school	None	Short-term on-the-job training
31-1014	Nursing Assistants	520	570	60	11.0%	160	\$19,736	Postsecondary non-degree av	None	None
31-2021	Physical Therapist Assistants	40	50	10	30.0%	20	\$65,652	Associate's degree	None	None
31-9091	Dental Assistants	70	80	10	11.6%	20	\$29,981	Postsecondary non-degree av	None	None
31-9092	Medical Assistants	170	200	20	14.4%	60	\$23,395	Postsecondary non-degree av	None	None

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31-9094	Medical Transcriptionists	60	60	0	-4.8%	10	\$28,808	Postsecondary non-degree av	None	None
31-9095	Pharmacy Aides	110	120	10	10.8%	30	\$17,918	High school diploma or equiv	None	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	50	10	12.8%	20	N/A	High school diploma or equiv	None	Short-term on-the-job training
33-1011	First-Line Supervisors of Correctional Officers	30	40	10	32.3%	20	\$48,708	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
33-1012	First-Line Supervisors of Police and Detectives	50	50	0	6.0%	20	\$49,510	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
33-2011	Firefighters	110	120	0	4.5%	40	\$38,983	Postsecondary non-degree av	None	Long-term on-the-job training
33-3012	Correctional Officers and Jailers	410	580	170	41.4%	280	\$34,917	High school diploma or equiv	None	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	40	40	0	5.4%	10	\$47,283	High school diploma or equiv	Less than 5 years	Moderate-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	260	280	20	5.7%	100	\$36,637	High school diploma or equiv	None	Moderate-term on-the-job training
33-9032	Security Guards	100	120	10	9.5%	30	\$23,891	High school diploma or equiv	None	Short-term on-the-job training
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	30	40	0	2.9%	20	N/A	High school diploma or equiv	None	Short-term on-the-job training
35-1011	Chefs and Head Cooks	40	40	0	5.6%	10	\$17,795	High school diploma or equiv	5 years or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	240	270	30	13.0%	100	\$25,627	High school diploma or equiv	Less than 5 years	None
35-2011	Cooks, Fast Food	380	390	10	2.3%	80	\$18,429	Less than high school	None	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	380	400	20	6.1%	100	\$18,501	Less than high school	None	Short-term on-the-job training
35-2014	Cooks, Restaurant	160	180	20	15.3%	60	\$18,965	Less than high school	Less than 5 years	Moderate-term on-the-job training
35-2021	Food Preparation Workers	100	110	0	3.8%	30	\$17,606	Less than high school	None	Short-term on-the-job training
35-3011	Bartenders	80	90	10	15.2%	40	\$17,633	Less than high school	None	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	930	1,090	160	17.7%	520	\$17,609	Less than high school	None	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	40	40	0	13.9%	30	\$18,077	Less than high school	None	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,080	1,170	90	8.4%	610	\$17,553	Less than high school	None	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	30	40	0	15.6%	10	N/A	Less than high school	None	Short-term on-the-job training
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	40	50	0	12.2%	20	\$18,140	Less than high school	None	Short-term on-the-job training
35-9021	Dishwashers	120	130	10	8.5%	60	\$17,894	Less than high school	None	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	60	70	0	8.2%	50	\$17,732	Less than high school	None	None
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	100	120	10	13.7%	40	\$29,396	High school diploma or equiv	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	500	560	60	11.4%	150	\$20,334	Less than high school	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	430	490	60	13.8%	140	\$18,488	Less than high school	None	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	140	160	20	15.9%	60	\$22,401	Less than high school	None	Short-term on-the-job training
39-1021	First-Line Supervisors of Personal Service Workers	40	40	0	7.9%	10	\$24,153	High school diploma or equiv	Less than 5 years	None
39-2011	Animal Trainers	30	30	0	11.5%	10	N/A	High school diploma or equiv	None	Moderate-term on-the-job training
39-3011	Gaming Dealers	50	50	10	12.8%	10	N/A	High school diploma or equiv	None	Short-term on-the-job training

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39-5012	Hairdressers, Hairstylists, and Cosmetologists	70	70	0	6.0%	20	N/A	Postsecondary non-degree av	None	None
39-9011	Childcare Workers	120	130	10	7.5%	40	\$19,670	High school diploma or equiv	None	Short-term on-the-job training
39-9021	Personal Care Aides	90	130	40	44.9%	50	\$17,716	Less than high school	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	50	50	0	2.0%	10	\$20,941	High school diploma or equiv	None	Short-term on-the-job training
39-9032	Recreation Workers	60	60	0	4.8%	10	\$19,642	Bachelor's degree	None	None
39-9041	Residential Advisors	40	40	0	13.2%	20	\$18,334	High school diploma or equiv	None	Short-term on-the-job training
41-1011	First-Line Supervisors of Retail Sales Workers	750	780	40	5.0%	200	\$35,062	High school diploma or equiv	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	40	40	0	0.0%	0	\$49,988	High school diploma or equiv	Less than 5 years	None
41-2011	Cashiers	1,840	1,910	70	4.0%	870	\$18,053	Less than high school	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	70	80	10	9.6%	30	\$22,033	Less than high school	None	Short-term on-the-job training
41-2022	Parts Salespersons	120	130	10	7.4%	40	\$26,506	Less than high school	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	930	1,030	100	10.7%	420	\$20,339	Less than high school	None	Short-term on-the-job training
41-3021	Insurance Sales Agents	80	80	0	5.0%	20	\$37,541	High school diploma or equiv	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	40	40	0	5.6%	10	N/A	Bachelor's degree	None	Moderate-term on-the-job training
41-3099	Sales Representatives, Services, All Other	150	170	20	14.2%	60	\$54,895	High school diploma or equiv	None	Short-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Produ	100	110	20	17.5%	40	\$68,707	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	320	360	40	13.3%	100	\$60,911	High school diploma or equiv	None	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	80	90	0	6.2%	10	\$38,739	High school diploma or equiv	None	Long-term on-the-job training
41-9099	Sales and Related Workers, All Other	50	60	10	16.7%	20	N/A	High school diploma or equiv	None	None
43-1011	First-Line Supervisors of Office and Administrative Support Workers	430	470	40	8.9%	140	\$38,637	High school diploma or equiv	Less than 5 years	None
43-3011	Bill and Account Collectors	70	80	10	10.1%	30	\$27,421	High school diploma or equiv	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	100	110	10	11.1%	30	\$27,558	High school diploma or equiv	None	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	940	1,060	120	13.1%	210	\$28,984	High school diploma or equiv	None	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	80	90	10	14.7%	30	\$32,117	High school diploma or equiv	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	50	40	0	-2.2%	20	\$36,914	High school diploma or equiv	None	Moderate-term on-the-job training
43-3071	Tellers	320	320	-10	-2.5%	150	\$22,172	High school diploma or equiv	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	50	60	10	11.1%	10	\$33,694	High school diploma or equiv	None	Moderate-term on-the-job training
43-4051	Customer Service Representatives	260	280	20	9.0%	90	\$28,247	High school diploma or equiv	None	Short-term on-the-job training
43-4071	File Clerks	30	20	0	-3.8%	10	\$25,546	High school diploma or equiv	None	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	140	160	20	16.8%	90	\$17,840	High school diploma or equiv	None	Short-term on-the-job training
43-4121	Library Assistants, Clerical	30	30	10	21.4%	20	\$18,370	High school diploma or equiv	None	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	50	50	0	2.0%	0	\$30,111	High school diploma or equiv	None	Short-term on-the-job training

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43-4141	New Accounts Clerks	40	40	0	-12.2%	10	\$29,364	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	50	50	0	-1.9%	10	\$28,273	High school diploma or equivalent	None	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	250	270	20	10.2%	90	\$22,406	High school diploma or equivalent	None	Short-term on-the-job training
43-4199	Information and Record Clerks, All Other	90	80	0	-5.7%	20	\$38,073	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	60	70	0	3.1%	20	\$28,365	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	120	20	13.6%	50	\$36,799	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	30	20	0	-15.4%	10	\$25,081	High school diploma or equivalent	None	Short-term on-the-job training
43-5051	Postal Service Clerks	30	30	-10	-23.5%	0	\$28,194	High school diploma or equivalent	None	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	160	140	-20	-15.6%	60	\$46,186	High school diploma or equivalent	None	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	40	30	-10	-19.4%	0	\$24,976	High school diploma or equivalent	None	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	80	90	0	4.8%	20	\$48,329	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	110	120	10	6.4%	40	\$27,992	High school diploma or equivalent	None	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	450	450	0	0.0%	140	\$19,649	Less than high school	None	Short-term on-the-job training
43-6011	Executive Secretaries and Executive Administrative Assistants	230	230	-10	-3.4%	30	\$36,152	High school diploma or equivalent	Less than 5 years	None
43-6013	Medical Secretaries	150	180	40	24.3%	50	\$25,486	High school diploma or equivalent	None	Moderate-term on-the-job training
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	790	880	100	12.2%	190	\$24,268	High school diploma or equivalent	None	Short-term on-the-job training
43-9021	Data Entry Keyers	30	30	0	-15.2%	0	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	8.2%	20	\$23,857	High school diploma or equivalent	None	Moderate-term on-the-job training
43-9061	Office Clerks, General	800	830	30	3.9%	200	\$24,223	High school diploma or equivalent	None	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	190	190	0	0.0%	50	N/A	High school diploma or equivalent	None	Short-term on-the-job training
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	40	40	0	-2.4%	10	\$34,357	High school diploma or equivalent	Less than 5 years	None
45-2091	Agricultural Equipment Operators	40	40	0	2.8%	10	\$18,462	Less than high school	None	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	160	150	-10	-4.3%	50	N/A	Less than high school	None	Short-term on-the-job training
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	360	430	70	19.6%	110	\$70,656	High school diploma or equivalent	5 years or more	None
47-2031	Carpenters	180	210	30	18.6%	60	\$36,552	High school diploma or equivalent	None	Apprenticeship
47-2051	Cement Masons and Concrete Finishers	40	40	10	18.4%	10	\$36,320	Less than high school	None	Moderate-term on-the-job training
47-2061	Construction Laborers	350	410	60	17.8%	140	\$29,376	Less than high school	None	Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	110	10	6.9%	20	\$33,968	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	420	470	50	12.9%	150	\$36,943	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2111	Electricians	100	120	20	15.8%	40	\$41,165	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	50	60	10	17.0%	20	\$23,051	Less than high school	None	Moderate-term on-the-job training
47-2151	Pipelayers	90	100	20	19.8%	30	N/A	Less than high school	None	Short-term on-the-job training

## SOUTHWEST Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Southwest WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
47-2152	Plumbers, Pipefitters, and Steamfitters	180	220	40	19.0%	60	\$26,501	High school diploma or equivalent	None	Apprenticeship
47-2181	Roofers	50	50	0	8.0%	10	N/A	Less than high school	None	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	30	30	0	3.0%	10	N/A	High school diploma or equivalent	None	Apprenticeship
47-2231	Solar Photovoltaic Installers	70	80	10	19.7%	30	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
47-3012	Helpers--Carpenters	50	60	10	23.1%	20	\$26,291	Less than high school	None	Short-term on-the-job training
47-3013	Helpers--Electricians	70	90	20	31.4%	30	N/A	High school diploma or equivalent	None	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	40	50	10	20.5%	20	\$27,998	High school diploma or equivalent	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	40	50	0	6.7%	10	\$40,895	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4031	Fence Erectors	30	40	10	26.7%	20	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	120	130	10	5.9%	20	\$33,256	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	170	210	40	24.6%	110	N/A	Less than high school	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	100	120	20	23.7%	60	\$34,226	Less than high school	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	340	440	100	28.1%	230	\$37,500	Less than high school	None	Moderate-term on-the-job training
47-5021	Earth Drillers, Except Oil and Gas	100	110	20	16.3%	40	\$61,680	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	40	40	0	11.4%	10	N/A	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5051	Rock Splitters, Quarry	30	30	10	23.1%	10	N/A	High school diploma or equivalent	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	470	580	100	22.3%	230	\$35,599	Less than high school	None	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	270	330	60	20.5%	130	\$36,112	High school diploma or equivalent	None	Moderate-term on-the-job training
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	260	280	20	7.3%	90	\$61,217	High school diploma or equivalent	Less than 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	50	0	4.4%	10	\$23,221	Some college, no degree	None	None
49-2091	Avionics Technicians	40	40	0	0.0%	10	N/A	Associate's degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	60	0	0.0%	10	N/A	Postsecondary non-degree award	None	Long-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	340	350	10	1.7%	100	\$56,500	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	100	110	10	5.8%	30	\$26,972	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	360	380	20	5.5%	110	\$27,293	High school diploma or equivalent	None	Long-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	140	150	10	8.5%	40	\$34,549	High school diploma or equivalent	None	Long-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	30	30	0	10.3%	10	\$36,146	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	60	10	12.2%	20	\$38,986	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	40	50	0	11.9%	20	\$23,067	High school diploma or equivalent	None	Short-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	30	30	0	0.0%	10	\$60,785	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	50	60	10	18.5%	20	\$36,263	Postsecondary non-degree award	None	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	210	280	70	34.5%	130	\$50,823	High school diploma or equivalent	None	Long-term on-the-job training

## SOUTHWEST Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Southwest WIA		Work Experience in a Related Occupation	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage	Entry-Level Education		
49-9043	Maintenance Workers, Machinery	130	160	20	18.9%	40	\$36,405	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	110	120	10	8.8%	50	\$42,500	High school diploma or equivalent	None	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	30	20	0	-7.4%	10	N/A	High school diploma or equivalent	None	Long-term on-the-job training
49-9062	Medical Equipment Repairers	70	100	40	53.7%	60	N/A	Associate's degree	None	Moderate-term on-the-job training
49-9071	Maintenance and Repair Workers, General	400	440	40	10.5%	120	\$27,787	High school diploma or equivalent	None	Long-term on-the-job training
49-9096	Riggers	40	50	10	23.1%	20	N/A	High school diploma or equivalent	None	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	160	190	30	16.0%	80	\$26,332	High school diploma or equivalent	None	Moderate-term on-the-job training
51-1011	First-Line Supervisors of Production and Operating Workers	230	240	10	5.6%	50	\$54,243	Postsecondary non-degree award	Less than 5 years	None
51-2041	Structural Metal Fabricators and Fitters	50	60	10	11.1%	30	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2092	Team Assemblers	150	160	10	6.2%	30	\$27,641	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	80	90	20	19.5%	30	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3011	Bakers	40	50	10	13.6%	20	\$17,809	Less than high school	None	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	80	80	0	4.9%	20	N/A	Less than high school	None	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	70	70	0	1.5%	20	N/A	Less than high school	None	Short-term on-the-job training
51-3092	Food Batchmakers	60	60	0	1.8%	20	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	30	40	10	20.6%	20	\$37,023	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4041	Machinists	160	190	40	22.2%	70	\$28,478	High school diploma or equivalent	None	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	260	280	20	9.7%	90	\$29,400	High school diploma or equivalent	None	Moderate-term on-the-job training
51-5112	Printing Press Operators	40	40	0	-2.6%	10	\$24,758	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	60	60	10	10.2%	20	\$18,542	Less than high school	None	Short-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	60	60	0	9.1%	20	\$32,742	High school diploma or equivalent	None	Long-term on-the-job training
51-8092	Gas Plant Operators	60	50	-10	-15.8%	20	\$64,026	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	70	90	20	20.5%	40	\$57,117	High school diploma or equivalent	None	Long-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	30	40	0	2.9%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	2.6%	10	\$22,983	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	30	30	0	6.3%	10	\$27,246	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	240	250	0	2.0%	70	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	230	260	30	11.1%	80	\$31,966	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	30	30	0	-8.8%	10	N/A	High school diploma or equivalent	None	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	120	110	0	-1.7%	30	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	20	30	0	4.0%	10	N/A	Less than high school	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	140	140	10	5.1%	30	\$27,037	Less than high school	None	Short-term on-the-job training

## SOUTHWEST Workforce Investment Area Occupational Projections 2012-2022

Occupation Code	Occupation Title	Employment		Employment Change 2012-2022		Total Openings	Southwest WIA	Entry-Level Education	Work Experience in	On-the-job Training
		2012	2022	Numeric	Percent		Median Annual Wage		a Related Occupation	
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	40	40	0	8.1%	10	\$51,000	High school diploma or equivalent	Less than 5 years	None
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	120	130	10	11.9%	50	\$66,411	High school diploma or equivalent	Less than 5 years	None
53-3021	Bus Drivers, Transit and Intercity	30	40	10	20.7%	10	N/A	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3022	Bus Drivers, School or Special Client	120	110	-10	-8.4%	20	\$17,770	High school diploma or equivalent	None	Short-term on-the-job training
53-3031	Driver/Sales Workers	100	100	10	6.1%	20	\$23,459	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,480	1,650	180	12.0%	410	\$41,981	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck or Delivery Services Drivers	130	140	10	9.9%	30	\$18,852	High school diploma or equivalent	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	60	60	10	12.5%	20	N/A	Less than high school	None	Short-term on-the-job training
53-7011	Conveyor Operators and Tenders	120	130	10	5.9%	40	N/A	Less than high school	None	Short-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	160	160	0	0.0%	40	\$29,537	Less than high school	None	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	130	140	10	8.7%	50	\$27,919	Less than high school	None	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	930	1,010	80	8.4%	370	\$23,703	Less than high school	None	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	40	50	0	2.2%	10	N/A	Less than high school	None	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	100	120	20	22.1%	50	\$55,669	Less than high school	None	Moderate-term on-the-job training
53-7073	Wellhead Pumps	70	90	20	21.1%	40	N/A	Less than high school	Less than 5 years	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	50	50	0	0.0%	10	\$30,449	Less than high school	None	Short-term on-the-job training

Notes:

Southwest WIA Median Annual Wage data is from the 2014 Southwest WIA Occupational Employment Statistics (OES).