South	west Region Planning					¥				Long-term Occupat	onal Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	<b>Exits</b> <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Total, All Occupations	41,318	43,085	1,767	4.3%	-	1,850	2,784	4,811		-	<u> </u>
11-0000	Management Occupations	2,962	3,139	177	6.0%		95	154	267			
11-1000	Top Executives	805	843	38	4.7%		17	49	70			
11-1011	Chief Executives	73	72	-1	-1.4%		2	3	5	Bachelor's degree	5 yrs.or more	None
1-1021	General and Operations Managers	693	729	36	5.2%		14	44	62	Bachelor's degree	5 yrs.or more	None
11-1031	Legislators	39	42	3	7.7%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	156	163	7	4.5%		3	10	14			
11-2011	Advertising and Promotions Managers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-2021	Marketing Managers	31	32	1	3.2%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-2022	Sales Managers	89	90	1	1.1%		2	6	8	Bachelor's degree	Less than 5 yrs.	None
11-2030	Public Relations and Fundraising Managers	31	35	4	12.9%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-3000	Operations Specialties Managers	583	635	52	8.9%		12	32	49		,	
11-3010	Administrative Services and Facilities Managers	75	82	7	9.3%	•	2	4	7	Bachelor's degree	Less than 5 yrs.	None
11-3021	Computer and Information Systems Managers	107	115	8	7.5%		2	6	9	Bachelor's degree	5 yrs.or more	None
11-3031	Financial Managers	218	246	28	12.8%		5	12	20	Bachelor's degree	5 yrs.or more	None
11-3051	Industrial Production Managers	76	82	6	7.9%	<b>A</b>	2	4	7	Bachelor's degree	5 yrs.or more	None
11-3061	Purchasing Managers	32	33	1	3.1%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-3071	Transportation, Storage, and Distribution Managers	31	31	0	0.0%		1	2	3	HS diploma /equivalent	5 yrs.or more	None
11-3111	Compensation and Benefits Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3121	Human Resources Managers	33	35	2	6.1%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-3131	Training and Development Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-9000	Other Management Occupations	1,418	1,498	80	5.6%		62	64	134		5 yrs.or more	
11-9013	Farmers, Ranchers, and Other Agricultural Managers	699	699	0	0.0%		43	24	67	HS diploma /equivalent	5 yrs.or more	None
11-9021	Construction Managers	98	111	13	13.3%		2	5	8	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	n	n	n	n	Т	n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-9032	Education Administrators, Elementary and Secondary School	117	124	7	6.0%		3	6	10	Master's degree	5 yrs.or more	None
11-9033	Education Administrators, Postsecondary	n	n	'n	n		n	n	n	Master's degree	Less than 5 yrs.	None
11-9039	Education Administrators, All Other	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-9041	Architectural and Engineering Managers	45	49	4	8.9%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-9051	Food Service Managers	66	74	8	12.1%	۰	2	6	9	HS diploma /equivalent	Less than 5 yrs.	None
11-9081	Lodging Managers	n	n	n	n	Т	n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
11-9001	Medical and Health Services Managers	124	159	35	28.2%	٨	4	7	15	Bachelor's degree	Less than 5 yrs.	None
11-9121	Natural Sciences Managers	124 n	n	n	20.270 n	Т		n	n	Bachelor's degree	5 yrs.or more	None
11-9121	Postmasters and Mail Superintendents	24	21	-3	-12.5%		0	1	1	HS diploma /equivalent	· ·	Moderate-term OJT
11-9131	Property, Real Estate, and Community Association Managers	24 n		-3 n			n	n			Less than 5 yrs.	None
		66	n 74	8	n 12.1%		2	4	n 7	HS diploma /equivalent	Less than 5 yrs.	
11-9151	Social and Community Service Managers			-		1		-		Bachelor's degree	Less than 5 yrs.	None
11-9161	Emergency Management Directors	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-9171 11-9198	Funeral Home Managers Personal Service Managers; Entertainment & Recreation Managers, Except	n	n	n	n		n	n	n	Associate's degree	Less than 5 yrs.	None
11-9190	Gambling; and Managers, All Other	00	00	0	7 70/		4	4	0	De shederde de sue s		Nama
40.0000		26	28	2	7.7%		1	1	2	Bachelor's degree	Less than 5 yrs.	None
	Business and Financial Operations Occupations	1,792	1,883	91	5.1%		52	110	171			
13-1000	Business Operations Specialists	1,141	1,202	61	5.3%		33	72	111	De els els els els en	News	
	Buyers and Purchasing Agents	253	237	-16	-6.3%	┝─┤	8	16	22	Bachelor's degree	None	Moderate-term OJT
	Claims Adjusters, Examiners, and Investigators	n	n	n	n	$\left  \right $	n	n	n	HS diploma /equivalent	None	Long-term OJT
13-1032	Insurance Appraisers, Auto Damage	n	n	n	n	┝─┤	n	n	n	Postsec. non-degree award	None	Moderate-term OJT
	Compliance Officers	33	34	1	3.0%	$\left  \right $	1	2	3	Bachelor's degree	None	Moderate-term OJT
	Cost Estimators	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
	Human Resources Specialists	180	200	20	11.1%	1	5	13	20	Bachelor's degree	None	None
13-1075	Labor Relations Specialists	n	n	n	n	$\left  \right $	n	n	n	Bachelor's degree	Less than 5 yrs.	None
13-1081	Logisticians	56	77	21	37.5%	♠	1	4	7	Bachelor's degree	None	None
	Management Analysts	125	132	7	5.6%		4	7	12	Bachelor's degree	Less than 5 yrs.	None
	Meeting, Convention, and Event Planners	n	n	n	n		n	n	n	Bachelor's degree	None	None
13-1131	Fundraisers	48	52	4	8.3%		2	3	5	Bachelor's degree	None	None

Sout	hwest Region Planning					×				Long-term Occupa	tional Projecti	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level C	ccupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
13-1141	•	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	-
13-1151	Training and Development Specialists	63	65	2	3.2%		2	4	6	Bachelor's degree	Less than 5 yrs.	None
13-1161	Market Research Analysts and Marketing Specialists	102	120	18	17.6%		3	8	13	Bachelor's degree	None	None
13-1198								-		5		
		191	203	12	6.3%		5	10	16	Bachelor's degree	None	None
13-2000	Financial Specialists	651	681	30	4.6%		20	38	61			
13-2011	Accountants and Auditors	382	413	31	8.1%		11	24	38	Bachelor's degree	None	None
13-2020	Property Appraisers and Assessors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
13-2031	Budget Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
13-2041	Credit Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
13-2053	Insurance Underwriters	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
13-2061	Financial Examiners	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
13-2071	Credit Counselors	25	25	0	0.0%		0	1	1	Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	27	27	0	0.0%		1	2	3	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	33	35	2	6.1%		1	2	3	Bachelor's degree	None	Moderate-term OJT
13-2082	Tax Preparers	62	69	7	11.3%	1	4	4	9	HS diploma /equivalent	None	Moderate-term OJT
13-2098												
	Specialists, All Other	50	50	0	0.0%		1	3	4	Bachelor's degree	None	None
15-0000	Computer and Mathematical Occupations	741	778	37	5.0%		16	37	57			
15-1200	Computer Occupations	687	716	29	4.2%		14	35	52			
15-1211	Computer Systems Analysts	96	92	-4	-4.2%		2	5	7	Bachelor's degree	None	None
15-1212	Information Security Analysts	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
15-1221	Computer and Information Research Scientists	n	n	n	n		n	n	n	Master's degree	None	None
15-1231	Computer Network Support Specialists	22	21	-1	-4.5%		0	1	1	Associate's degree	None	None
15-1232	Computer User Support Specialists	143	144	1	0.7%		3	8	11	Some college, no degree	None	None
15-1241	Computer Network Architects	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
15-1244	Network and Computer Systems Administrators	84	83	-1	-1.2%		1	4	5	Bachelor's degree	None	None
15-1245	Database Administrators and Architects	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-1251	Computer Programmers	29	24	-5	-17.2%		0	1	1	Bachelor's degree	None	None
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	228	263	35	15.4%		6	12	22	Bachelor's degree	None	None
15-1257	Web Developers and Digital Interface Designers	36	42	6	16.7%		1	2	4	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	54	62	8	14.8%		1	2	4			
15-2011	Actuaries	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
15-2031	Operations Research Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-2041	Statisticians	n	n	n	n		n	n	n	Master's degree	None	None
15-2098	Data Scientists and Mathematical Science Occupations, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-0000	Architecture and Engineering Occupations	598	674	76	12.7%		15	31	54			
17-1000	Architects, Surveyors, and Cartographers	9	9	0	0.0%		0	0	0			
17-1011	Architects, Except Landscape and Naval	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
17-1021	Cartographers and Photogrammetrists	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2000		375	434	59	15.7%		8	16	30			
17-2011	Aerospace Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2031	Biomedical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2041	Chemical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2051		n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2071	Electrical Engineers	27	29	2	7.4%		1	1	2	Bachelor's degree	None	None
17-2081	Environmental Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2112	Industrial Engineers	149	184	35	23.5%	1	4	7	15	Bachelor's degree	None	None
	Materials Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None

Southwest Region Planning									Long-term Occupat	ional Proiecti	ons. 2020 to 2030
soc	2020	2030	Numeric	Percent	Outlook	Averas	ge Annual O	penings		cupational Prep	
					uth	Exits <sup>1</sup>		Openings <sup>3</sup>	Education	Experience	1
Code Occupation Title	Estimated	Projected	Change	Change						· ·	Job Training
17-2141 Mechanical Engineers	156	174	18	11.5%	1	3	7	12	Bachelor's degree	None	None
17-2199 Engineers, All Other	n	n	n 47	n		n -	n	n	Bachelor's degree	None	None
17-3000 Drafters, Engineering Technicians, and Mapping Technicians	214	231	17	7.9%		7	14	23		News	News
17-3011 Architectural and Civil Drafters	n o7	n	n	n		n	n	n	Associate's degree	None	None
17-3013 Mechanical Drafters	27	25	-2	-7.4%		1	2	3	Associate's degree	None	None
17-3022 Civil Engineering Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
17-3023 Electrical and Electronics Engineering Technicians 17-3024 Electro-Mechanical Technicians	n	n	n	n		n n	n n	n n	Associate's degree Associate's degree	None None	None None
17-3024 Electro-Mechanical Technicians 17-3026 Industrial Engineering Technicians	n 93	n 105	n 12	n 12.9%	٨	3	6	10	Associate's degree	None	None
17-3027 Mechanical Engineering Technicians	93 36	39	3	8.3%	T	3	2	3	Associate's degree	None	None
17-3031 Surveying and Mapping Technicians	n		n	0.3 %		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
17-3098 Calibration and Engineering Technologists and Technicians, Except Drafters, All		11				11				None	widderate-terin 051
Other	n	n	n	n		n	n	n	Associate's degree	None	None
19-0000 Life, Physical, and Social Science Occupations	163	176	13	8.0%		4	10	15			
19-1000 Life Scientists	23	24	1	4.3%		0	2	2			
19-1012 Food Scientists and Technologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-1023 Zoologists and Wildlife Biologists	2	2	0	0.0%		0	0	0	Bachelor's degree	None	None
19-1029 Biological Scientists, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-1031 Conservation Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-1032 Foresters	1	1	0	0.0%		0	0	0	Bachelor's degree	None	None
19-1041 Epidemiologists	n	n	n	n		n	n	n	Master's degree	None	None
19-1042 Medical Scientists, Except Epidemiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
19-2000 Physical Scientists	20	22	2	10.0%		0	2	2			
19-2012 Physicists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
19-2031 Chemists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2032 Materials Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2041 Environmental Scientists and Specialists, Including Health	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2043 Hydrologists	1	1	0	0.0%		0	0	0	Bachelor's degree	None	None
19-3000 Social Scientists and Related Workers	79	85	6	7.6%		2	4	7			
19-3031 Clinical, Counseling, and School Psychologists	49	53	4	8.2%		1	2	3	Doctoral/professional degree	None	Internship/residency
19-3039 Psychologists, All Other	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
19-3051 Urban and Regional Planners	n	n	n	n		n	n	n	Master's degree	None	None
19-3094 Political Scientists	n	n	n	n		n	n	n	Master's degree	None	None
19-4000 Life, Physical, and Social Science Technicians	20	22	2	10.0%		0	2	2			
19-4021 Biological Technicians	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-4031 Chemical Technicians	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
19-4042 Environmental Science and Protection Technicians, Including Health	n	n	n	n		n	n	n	Associate's degree	None	None
19-4061 Social Science Research Assistants	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-4071 Forest and Conservation Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
19-4092 Forensic Science Technicians	1	1	0	0.0%		0	0	0	Bachelor's degree	None	Moderate-term OJT
19-4099 Life, Physical, and Social Science Technicians, All Other	n	n	n	n		n	n	n	Associate's degree	None	None
19-5000 Occupational Health and Safety Specialists and Technicians	21	23	2	9.5%		1	1	2			
19-5011 Occupational Health and Safety Specialists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-5012 Occupational Health and Safety Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
21-0000 Community and Social Service Occupations	828	922	94	11.4%		31	57	97			
21-1000 Counselors, Social Workers, and Other Community and Social Service Specialists	714	809	95	13.3%		26	50	86			
21-1012 Educational, Guidance, School, and Vocational Counselors	714	80	95 4	5.3%		20	5	7	Master's degree	None	None
21-1012 Educational, Guidance, School, and Vocational Courseiors 21-1015 Rehabilitation Courselors	n	n n	4 n	5.3% n		 n	5 n	n n	Master's degree	None	None
21-1015 Renabilitation Counselors 21-1018 Substance Abuse, Behavioral Disorder, and Mental Health Counselors	216	258	42	19.4%	•	8	14	26	Bachelor's degree	None	None
21-1016 Substance Abuse, Benavioral Disorder, and Mental Health Counselors 21-1019 Counselors, All Other					T				Master's degree	None	None
	n	n	n	n		n	n	n	*		
21-1021 Child, Family, and School Social Workers	n	n	n	n	$\vdash$	n	n	n	Bachelor's degree	None	None
21-1022 Healthcare Social Workers	n	n	n	n	1	n	n	n	Master's degree	None	Internship/residency

Sout	west Region Planning					*				Long-term Occupat	ional Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	oenings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
21-1023	Mental Health and Substance Abuse Social Workers	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
21-1020	Health Educators	n	n	n	n		n	n	n	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	7	7	0	0.0%		0	0	0	Bachelor's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	174	191	17	9.8%	۰	7	14	23	HS diploma /equivalent	None	Short-term OJT
21-1094	Community Health Workers	34	42	8	23.5%	•	1	3	5	HS diploma /equivalent	None	Short-term OJT
21-1099	Community and Social Service Specialists, All Other	63	71	8	12.7%		2	5	8	Bachelor's degree	None	None
21-2000	Religious Workers	114	113	-1	-0.9%		5	7	12			
21-2011	Clergy	68	69	1	1.5%		3	4	7	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities and Education	35	34	-1	-2.9%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
21-2099	Religious Workers, All Other	11	10	-1	-9.1%		1	1	2	Bachelor's degree	None	None
23-0000	Legal Occupations	148	149	1	0.7%		4	5	9			
23-1000	Lawyers, Judges, and Related Workers	105	107	2	1.9%		2	3	5			
23-1011	Lawyers	101	103	2	2.0%		2	2	4	Doctoral/professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	4	4	0	0.0%		0	0	0	Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-2000	Legal Support Workers	43	42	-1	-2.3%		2	3	5		,	
23-2011	Paralegals and Legal Assistants	37	36	-1	-2.7%		1	2	3	Associate's degree	None	None
23-2091	Court Reporters	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
23-2099	Legal Support Workers, All Other	n	n	n	n		n	n	n	Associate's degree	None	None
25-0000	Education, Training, and Library Occupations	3,055	3,265	210	6.9%		131	144	296			
25-1000	Postsecondary Teachers	371	397	26	7.0%		17	18	38			
25-1011	Business Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Mathematical Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Biological Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1054	Physics Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1063	Economics Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Psychology Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
	Nursing Instructors and Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	Less than 5 yrs.	None
25-1081	Education Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	None	None
	Communications Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Foreign Language and Literature Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	History Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1120	Vocational Education Teachers, Postsecondary	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
	Postsecondary Teachers, All Other	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Preschool, Primary, Secondary, and Special Education School Teachers							-		Doctoral/professional degree	None	None
		1,426 118	1,502	76 14	5.3%		45 5	62 7	115 13	Accesiate's degree	Nono	Nono
25-2011	Preschool Teachers, Except Special Education Kindergarten Teachers, Except Special Education	42	132 44	14	11.9%	<b>^</b>	2	2		Associate's degree	None	None
25-2012	Elementary School Teachers, Except Special Education	42 446	44	2	4.8%		 14	18	4 34	Bachelor's degree	None None	None None
					4.5%					Bachelor's degree		
25-2022	Middle School Teachers, Except Special and Career/Technical Education Career/Technical Education Teachers, Middle School	253	266	13 n	5.1%	$\left  \right $	8	10 n	19 n	Bachelor's degree	None Less than 5 yrs.	None
		n 250	n 277	n 19	n 5.0%		n 10	n 15	n	Bachelor's degree	· · · · ·	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	359	377	18	5.0%		10	15	27	Bachelor's degree	None	None
	Career/Technical Education Teachers, Secondary School	27	28	1	3.7%		1	1	2	Bachelor's degree	Less than 5 yrs.	None
25-2051	Special Education Teachers, Preschool	n	n	n	n		n	n	n	Bachelor's degree	None	None

Southwest Region Planning					×				Long-term Occupat	ional Projectio	ons, 2020 to 2030
SOC	2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	oenings		cupational Prep	
Code Occupation Title	Estimated	Projected	Change	Change	Dut	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
25-2052 Special Education Teachers, Kindergarten and Elementary School	81	85	4	4.9%	0	3	3	6	Bachelor's degree	None	None
25-2057 Special Education Teachers, Middle School	28	29	1	3.6%		1	1	2	Bachelor's degree	None	None
25-2058 Special Education Teachers, Secondary School	48	50	2	4.2%		2	2	4	Bachelor's degree	None	None
25-2059 Special Education Teachers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-3000 Other Teachers and Instructors	447	504	57	12.8%		28	25	59	Bacholor C dogroc		
25-3021 Self-Enrichment Education Teachers	129	163	34	26.4%		9	8	20	HS diploma /equivalent	Less than 5 yrs.	None
25-3031 Substitute Teachers, Short-Term	78	84	6	7.7%	•	5	4	10	Bachelor's degree	None	None
25-3097 Teachers and Instructors, All Other, Except Substitute Teachers	240	257	17	7.1%		15	13	30	Bachelor's degree	None	None
25-4000 Librarians, Curators, and Archivists	154	162	8	5.2%		9	8	18	<u> </u>		
25-4011 Archivists	n	n	n	n		n	n	n	Master's degree	None	None
25-4012 Curators	n	n	n	n		n	n	n	Master's degree	None	None
25-4013 Museum Technicians and Conservators	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-4022 Librarians and Media Collections Specialists	108	116	8	7.4%		6	5	12	Master's degree	None	None
25-4031 Library Technicians	40	40	0	0.0%		3	2	5	Postsec. non-degree award	None	None
25-9000 Other Education, Training, and Library Occupations	657	700	43	6.5%		31	32	67			
25-9031 Instructional Coordinators	32	39	7	21.9%	1	2	2	5	Master's degree	5 yrs.or more	None
25-9044 Teaching Assistants, Postsecondary	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-9045 Teaching Assistants, Except Postsecondary	587	622	35	6.0%		27	28	59	Some college, no degree	None	None
25-9099 Education, Training, and Library Workers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-0000 Arts, Design, Entertainment, Sports, and Media Occupations	602	657	55	9.1%		25	40	71			
27-1000 Art and Design Workers	165	164	-1	-0.6%		6	10	16			
27-1011 Art Directors	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
27-1012 Craft Artists	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
27-1013 Fine Artists, Including Painters, Sculptors, and Illustrators	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
27-1023 Floral Designers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
27-1024 Graphic Designers	75	73	-2	-2.7%		2	4	6	Bachelor's degree	None	None
27-1025 Interior Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1026 Merchandise Displayers and Window Trimmers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
27-1027 Set and Exhibit Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1029 Designers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-2000 Entertainers and Performers, Sports and Related Workers	271	325	54	19.9%		14	19	38			
27-2012 Producers and Directors	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-2022 Coaches and Scouts	96	103	7	7.3%		6	8	15	Bachelor's degree	None	None
27-2032 Choreographers	n	n	n	n		n	n	n	HS diploma /equivalent	5 yrs.or more	Long-term OJT
27-2041 Music Directors and Composers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-2042 Musicians and Singers	n	n	n	n	1	n	n	n	No formal education	None	Long-term OJT
27-2090 Miscellaneous Entertainers and Performers, Sports and Related Workers	n	n	n	n	1	n	n	n	No formal education	None	Short-term OJT
27-3000 Media and Communication Workers	133	129	-4	-3.0%		4	8	12			
27-3011 Radio and Television Announcers	16	14	-2	-12.5%		1	1	2	Bachelor's degree	None	None
27-3023 News Analysts, Reporters, and Journalists	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-3031 Public Relations Specialists	50	52	2	4.0%		1	3	4	Bachelor's degree	None	None
27-3041 Editors	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-3042 Technical Writers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	Short-term OJT
27-3043 Writers and Authors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
27-3091 Interpreters and Translators	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-4000 Media and Communication Equipment Workers	33	39	6	18.2%		1	2	4	Postcos, pop degree award	Nono	Short torm OIT
27-4011 Audio and Video Equipment Technicians	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
27-4012 Broadcast Technicians	n	n	n	n		n	n	n	Associate's degree	None	Short-term OJT
27-4021 Photographers	n	n	n	n	$\vdash$	n	n	n	HS diploma /equivalent	None	Moderate-term OJT
27-4032 Film and Video Editors 27-4098 Lighting Technicians and Media and Communication Equipment Workers, All	n	n	n	n		n	n	n	Bachelor's degree	None	None
Other		_	_	<b>r</b>		-	_	_	LIS diploma /aquinclant	Nono	Short form O IT
	n	n	n	n C C0/		n	n	n 405	HS diploma /equivalent	None	Short-term OJT
29-0000 Healthcare Practitioners and Technical Occupations	2,161	2,303	142	6.6%		56	65	135			

Southv	vest Region Planning					k				Long-term Occupati	onal Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	8	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Outlook	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Health Diagnosing and Treating Practitioners	1,505	1,607	102	6.8%	0	38	36	84	Lucation	Experience	Job Humb
	Chiropractors	n	n	n	0.0 %		n	0	n	Doctoral/professional degree	None	None
	Dentists, General	n	n	n	n		n	n		Doctoral/professional degree	None	None
	Dietitians and Nutritionists	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
	Dptometrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Pharmacists	103	95	-8	-7.8%		2	2	3	Doctoral/professional degree	None	None
	Physician Assistants	n	n	n	n		n	n	n	Master's degree	None	None
	Podiatrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1122	Occupational Therapists	44	48	4	9.1%		1	2	3	Master's degree	None	None
29-1123 F	Physical Therapists	51	59	8	15.7%		1	1	3	Doctoral/professional degree	None	None
29-1124 F	Radiation Therapists	n	n	n	n		n	n	n	Associate's degree	None	None
29-1125 F	Recreational Therapists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1126 F	Respiratory Therapists	n	n	n	n		n	n	n	Associate's degree	None	None
29-1127 5	Speech-Language Pathologists	55	64	9	16.4%	•	1	2	4	Master's degree	None	Internship/residency
29-1128 E	Exercise Physiologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1131 \	/eterinarians	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1141 F	Registered Nurses	713	745	32	4.5%		19	18	40	Associate's degree	None	None
29-1151 N	Nurse Anesthetists	n	n	n	n		n	n	n	Master's degree	None	None
29-1161 N	Nurse Midwives	n	n	n	n		n	n	n	Master's degree	None	None
29-1171 N	Nurse Practitioners	n	n	n	n	1	n	n	n	Master's degree	None	None
29-1181 A	Audiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1211 A	Anesthesiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1215 F	Family Medicine Physicians	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1218	Dbstetricians and Gynecologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1221 F	Pediatricians, General	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Psychiatrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Physicians, All Other; and Ophthalmologists, Except Pediatric	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1248	Surgeons, Except Ophthalmologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Dental Hygienists	102	111	9	8.8%	♠	4	3	8	Associate's degree	None	None
	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	n	n	n	n		n	n	n	Master's degree	None	None
29-2000 H	Health Technologists and Technicians	599	632	33	5.5%		17	26	46			
	Clinical Laboratory Technologists and Technicians	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Cardiovascular Technologists and Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
	Diagnostic Medical Sonographers	n	n	n	n		n	n	n	Associate's degree	None	None
	Nuclear Medicine Technologists	n	n	n	n		n	n	n	Associate's degree	None	None
	Radiologic Technologists	n	n	n	n		n	n	n	Associate's degree	None	None
	Magnetic Resonance Imaging Technologists	n	n	n	n		n	n	n	Associate's degree	Less than 5 yrs.	None
	Emergency Medical Technicians and Paramedics	117	128	11	9.4%	♠	2	6	9	Postsec. non-degree award	None	None
	Dietetic Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
	Pharmacy Technicians	68	69	1	1.5%		2	3		HS diploma /equivalent	None	Moderate-term OJT
	Surgical Technologists	n	n	n	n	Ļ	n	n	n	Postsec. non-degree award	None	None
	/eterinary Technologists and Technicians	41	47	6	14.6%	♠	1	2	4	Associate's degree	None	None
	Dphthalmic Medical Technicians	n	n	n	n		n	n		Postsec. non-degree award	None	None
	icensed Practical and Licensed Vocational Nurses	187	196	9	4.8%		6	8		Postsec. non-degree award	None	None
	Opticians, Dispensing	n	n	n	n	$\left  \right $	n	n	n	HS diploma /equivalent	None	Long-term OJT
	Drthotists and Prosthetists Medical Dosimetrists, Medical Records Specialists, and Health Technologists and	n	n	n	n	$\vdash$	n	n	n	Master's degree	None	Internship/residency
۲	Technicians, All Other	30	31	1	3.3%		1	1	2	Postsec. non-degree award	None	None
	Other Healthcare Practitioners and Technical Occupations	57	64	7	12.3%		2	3	6			
	Athletic Trainers	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners, All Other	n	n	n	n		n	n	n	Postsec. non-degree award	None	None

South	west Region Planning					2				Long-term Occupat	ional Proiecti	ons. 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings		cupational Prep	
Code	Occupation Title	Estimated	Projected	Change	Change	out	Exits <sup>1</sup>	1	Openings <sup>3</sup>	Education	Experience	Job Training
31-0000	Healthcare Support Occupations	1,809	2,047	238	13.2%	0	115	116	255	Education	Experience	Job Huming
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and	1,009	2,047	230	13.270		110	110	200			
01 1100	Psychiatric Aides	1,298	1,458	160	12.3%		88	78	182			
31-1120		618	759	141	22.8%		44	39	97	HS diploma /equivalent	None	Short-term OJT
	Nursing Assistants	674	693	19	2.8%	Т	44	39	85	Postsec. non-degree award	None	None
-		n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Psychiatric Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Occupational Therapy and Physical Therapist Assistants and Aides	42	55	13	31.0%		2	4	7			
31-2011	Occupational Therapy Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
31-2012	Occupational Therapy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-2021	Physical Therapist Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
31-2022	Physical Therapist Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9000	Other Healthcare Support Occupations	469	534	65	13.9%		24	34	64			
31-9011	Massage Therapists	136	164	28	20.6%	•	9	8	20	Postsec. non-degree award	None	None
31-9091	Dental Assistants	87	95	8	9.2%	•	4	6	11	Postsec. non-degree award	None	None
31-9092	Medical Assistants	181	207	26	14.4%	•	8	14	25	Postsec. non-degree award	None	None
31-9093	Medical Equipment Preparers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
31-9094	Medical Transcriptionists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
31-9095	Pharmacy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	n	n	n	n	•	n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9097	Phlebotomists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
31-9099	Healthcare Support Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	None
33-0000	Protective Service Occupations	650	697	47	7.2%		24	38	67			
33-1000	Supervisors of Protective Service Workers	73	78	5	6.8%		2	3	5			
33-1011	First-Line Supervisors of Correctional Officers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
	First-Line Supervisors of Police and Detectives	35	38	3	8.6%		1	2	3	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
	First-Line Supervisors of Fire Fighting and Prevention Workers	n	n	n	n		n	n	n	Postsec. non-degree award	Less than 5 yrs.	Moderate-term OJT
	Miscellaneous First-Line Supervisors, Protective Service Workers	9	10	1	11.1%		0	1	1	HS diploma /equivalent	Less than 5 yrs.	None
	Fire Fighting and Prevention Workers	186	201	15	8.1%		4	10	16			
-	Firefighters	183	197	14	7.7%	♠	4	10	15	Postsec. non-degree award	None	Long-term OJT
	Fire Inspectors and Investigators	n	n	n	n		n	n	n	Postsec. non-degree award	5 yrs.or more	Moderate-term OJT
33-2022	Forest Fire Inspectors and Prevention Specialists	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-3000	Law Enforcement Workers	240	248	8	3.3%		7	13	21			
33-3011	Bailiffs	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
33-3012	Correctional Officers and Jailers	60	58	-2	-3.3%		2	3	5	HS diploma /equivalent	None	Moderate-term OJT
	Detectives and Criminal Investigators	11	11	0	0.0%		0	0	0	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-3031	Fish and Game Wardens	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
33-3041	Parking Enforcement Workers Police and Sheriff's Patrol Officers	n 140	n	n 10	n		n	n 8	n 42	HS diploma /equivalent	None	Short-term OJT
33-3051		149	161	12	8.1%	♠	4	-	13	HS diploma /equivalent	None	Moderate-term OJT
	Other Protective Service Workers	151	170	19	12.6%		10	12	24	HS diploma /oquivalant	Nono	Modorato term OIT
33-9011 33-9021	Animal Control Workers Private Detectives and Investigators	n n	n	n	n	$\vdash$	n	n	n	HS diploma /equivalent	None Less than 5 yrs.	Moderate-term OJT Moderate-term OJT
	-	113	n 128	n 15	n 13.3%		n 6	n 9	n 17	HS diploma /equivalent	,	
	Security Guards Crossing Guards	113	128	15 4	28.6%	1	6	9	3	HS diploma /equivalent	None None	Short-term OJT
		14 n	18 n	4 n		┝─┤	 n	n	3 n	No formal education No formal education	None	Short-term OJT Short-term OJT
		n	n	n	n n	$\vdash$	n	n	n	HS diploma /equivalent	None	Short-term OJT
		2,873	3,310	437	15.2%		224	312	580			
	Supervisors of Food Preparation and Serving Workers	2,873	332	437	15.2%		13	312	48			
	Chefs and Head Cooks	47	56	45 9	19.1%	•	2	5	40 8	HS diploma /equivalent	5 yrs.or more	None
		240	276	36	15.0%	T ↑	12	26	42	HS diploma /equivalent	Less than 5 yrs.	None
	Cooks and Food Preparation Workers	756	894	138	18.3%	T I	51	71	136			
	Cooks, Institution and Cafeteria	105	107	2	1.9%		6	9	150	No formal education	None	Short-term OJT
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South	west Region Planning					×				Long-term Occupat	ional Projecti	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings		cupational Prep	
Code	Occupation Title	Estimated	Projected	Change	Change	Dut	<b>Exits</b> <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
35-2014	Cooks, Restaurant	277	399	122	44.0%		20	29	61	No formal education		Moderate-term OJT
35-2015	Cooks, Short Order	222	232	10	4.5%		13	19	33	No formal education	None	Short-term OJT
35-2021	Food Preparation Workers	138	141	3	2.2%		11	13	24	No formal education	None	Short-term OJT
35-3000	Food and Beverage Serving Workers	1,523	1,730	207	13.6%		131	180	332			
35-3011	Bartenders	162	215	53	32.7%		8	23	36	No formal education	None	Short-term OJT
35-3023	Fast Food and Counter Workers	678	733	55	8.1%		68	75	149	No formal education	None	Short-term OJT
35-3031	Waiters and Waitresses	568	659	91	16.0%		45	73	127	No formal education	None	Short-term OJT
35-3041	Food Servers, Nonrestaurant	115	123	8	7.0%	-	9	9	19	No formal education	None	Short-term OJT
35-9000	Other Food Preparation and Serving Related Workers	307	354	47	15.3%		28	29	62			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	61	73	12	19.7%		6	6	13	No formal education	None	Short-term OJT
35-9021	Dishwashers	191	216	25	13.1%	•	15	17	34	No formal education	None	Short-term OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	51	61	10	19.6%		7	6	14	No formal education	None	Short-term OJT
35-9099	Food Preparation and Serving Related Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
37-0000	Building and Grounds Cleaning and Maintenance Occupations	1,519	1,597	78	5.1%		88	114	210			
	Supervisors of Building and Grounds Cleaning and Maintenance Workers	120	124	4	3.3%		4	9	13			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	62	63	1	1.6%		3	4	7	HS diploma /equivalent	Less than 5 yrs.	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping											
	Workers	58	61	3	5.2%		2	4	6	HS diploma /equivalent	Less than 5 yrs.	None
37-2000	Building Cleaning and Pest Control Workers	1,015	1,057	42	4.1%		66	71	141			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	679	702	23	3.4%		43	48	93	No formal education	None	Short-term OJT
37-2012	Maids and Housekeeping Cleaners	286	303	17	5.9%		20	19	41	No formal education	None	Short-term OJT
37-2019	Building Cleaning Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
37-2021	Pest Control Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
37-3000	Grounds Maintenance Workers	384	416	32	8.3%		17	34	54			
37-3011	Landscaping and Groundskeeping Workers	383	415	32	8.4%	٠	17	34	54	No formal education	None	Short-term OJT
37-3019	Grounds Maintenance Workers, All Other	1	1	0	0.0%		0	0	0	No formal education	None	Short-term OJT
39-0000	Personal Care and Service Occupations	1,032	1,222	190	18.4%		64	88	171			
39-1000	Supervisors of Personal Care and Service Workers	42	47	5	11.9%		2	3	5			
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation											
	Workers, Exc Gambling Services	42	47	5	11.9%	1	2	3	5	HS diploma /equivalent	Less than 5 yrs.	None
39-2000	Animal Care and Service Workers	143	200	57	39.9%		11	14	31			
39-2011	Animal Trainers	13	16	3	23.1%		1	1	2	HS diploma /equivalent	None	Moderate-term OJT
39-2021	Nonfarm Animal Caretakers	130	184	54	41.5%	•	10	13	28	HS diploma /equivalent	None	Short-term OJT
39-3000	Entertainment Attendants and Related Workers	n	n	n	n		n	n	n			
39-3091	Amusement and Recreation Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
39-4000	Funeral Service Workers	22	22	0	0.0%		1	2	3			
39-4011	Embalmers	n	n	n	n		n	n	n	Associate's degree	None	Long-term OJT
39-4021	Funeral Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
39-4031	Morticians, Undertakers, and Funeral Directors	n	n	n	n		n	n	n	Associate's degree	None	Long-term OJT
39-5000	Personal Appearance Workers	217	255	38	17.5%		12	13	29			
39-5011	Barbers	42	46	4	9.5%	♠	2	2	4	Postsec. non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	150	176	26	17.3%	♠	9	9	21	Postsec. non-degree award	None	None
39-5092	Manicurists and Pedicurists	17	22	5	29.4%		1	1	2	Postsec. non-degree award	None	None
	Skincare Specialists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
	Tour and Travel Guides	n	n	n	n		n	n	n			
	Tour and Travel Guides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Other Personal Care and Service Workers	598	687	89	14.9%		38	55	102			
	Childcare Workers	191	195	4	2.1%		13	14	27	HS diploma /equivalent	None	Short-term OJT
	Fitness Trainers and Aerobics Instructors	94	135	41	43.6%	1	7	11	22	HS diploma /equivalent	None	Short-term OJT
	Recreation Workers	113	127	14	12.4%	1	7	11	19	HS diploma /equivalent	None	Short-term OJT
	Residential Advisors	n	n	n	n	↑	n	n	n	HS diploma /equivalent	None	Short-term OJT
	Sales and Related Occupations	4,023	3,844	-179	-4.4%		216	319	517			
41-1000	Supervisors of Sales Workers	600	565	-35	-5.8%		20	39	55			

Sout	west Region Planning					2				Long-term Occupati	ional Proiectio	ons. 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	· · · ·	cupational Prep	
	Occuration Title	Estimated	Projected	Change	Change	ntl	Exits <sup>1</sup>	1		Education	Experience	Job Training
Code	Occupation Title		,	-	_	0			Openings <sup>3</sup>			3
41-1011 41-1012	First-Line Supervisors of Retail Sales Workers	442 158	411 154	-31 -4	-7.0%		15 4	30 9	42 13	HS diploma /equivalent	,	None
-	First-Line Supervisors of Non-Retail Sales Workers				-2.5%			-		HS diploma /equivalent	Less than 5 yrs.	None
41-2000	Retail Sales Workers	2,505 1,292	2,338	-167 -139	-6.7% -10.8%		169 104	214 117	366 207	No formal advection	None	Short torm OIT
41-2011 41-2021	Cashiers Counter and Rental Clerks	84	1,153 84	-139	-10.8%		104	6	10	No formal education No formal education	None None	Short-term OJT Short-term OJT
41-2021	Parts Salespersons	66	70	4	6.1%		3	5	8	No formal education	None	Moderate-term OJT
41-2022	Retail Salespersons	1,063	1,031	-32	-3.0%		58	86	0 141	No formal education	None	Short-term OJT
41-3000	Sales Representatives, Services	453	458	-32	-3.0%		13	34	47		None	
1-3000 11-3011	Advertising Sales Agents	455	456	-6	-12.5%		13	4	47	HS diploma /equivalent	None	Moderate-term OJT
1-3021	Insurance Sales Agents	147	136	-0	-7.5%		5	8	12	HS diploma /equivalent	None	Moderate-term OJT
1-3021	Securities, Commodities, and Financial Services Sales Agents	67	64	-3	-4.5%		1	4	5	Bachelor's degree	None	Moderate-term OJT
1-3031	Travel Agents	25	22	-3	-12.0%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
1-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial	25	22	-5	-12.070			2	5		None	
	Services, and Travel	166	194	28	16.9%	٨	4	16	23	HS diploma /equivalent	None	Moderate-term OJT
11-4000	Sales Representatives, Wholesale and Manufacturing	417	436	19	4.6%	Т	13	29	44		None	
11-4000	Sales Representatives, Wholesale and Manufacturing Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	417	400	13	4.070		15	23	44			
	Products	106	109	3	2.8%		3	7	10	Bachelor's degree	None	Moderate-term OJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	100	105	5	2.070		0	,	10		None	
	Scientific Products	311	327	16	5.1%		9	22	33	HS diploma /equivalent	None	Moderate-term OJT
41-9000	Other Sales and Related Workers	48	47	-1	-2.1%		2	4	6		None	
1-9000 1-9011	Demonstrators and Product Promoters	40 n	47 n	n	-2.1%		n n	n 4	n	No formal education	None	Short-term OJT
1-9022	Real Estate Sales Agents	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
11-9031	Sales Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
11-9099	Sales and Related Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	None
43-0000	Office and Administrative Support Occupations	5,509	5,227	-282	-5.1%		262	324	558		None	None
43-1000	Supervisors of Office and Administrative Support Workers	398	372	-26	-6.5%		14	24	35			
43-1000	First-Line Supervisors of Office and Administrative Support Workers	398	372	-20	-6.5%		14	24	35	HS diploma /equivalent	Less than 5 yrs.	None
43-2000	Communications Equipment Operators	37	29	-20	-21.6%		2	2	3		Less than 5 yrs.	None
43-2000	Switchboard Operators, Including Answering Service	n	29 n	-o n	-21.070 n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-2021	Telephone Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-3000	Financial Clerks	916	854	-62	-6.8%		45	49	88		None	
43-3000 43-3011	Bill and Account Collectors	910 n	n	-02 n	-0.8%		45 n	49 n	n	HS diploma /equivalent	None	Moderate-term OJT
43-3021	Billing and Posting Clerks	194	174	-20	-10.3%		8	11	17	HS diploma /equivalent	None	Moderate-term OJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	541	523	-18	-3.3%		31	27	56	Some college, no degree	None	Moderate-term OJT
43-3051	Payroll and Timekeeping Clerks	32	26	-6	-18.8%		1	2	2	HS diploma /equivalent	None	Moderate-term OJT
43-3061	Procurement Clerks	61	57	-4	-6.6%		2	4	6	HS diploma /equivalent	None	Moderate-term OJT
43-3071	Tellers	72	59	-13	-18.1%		3	4	6	HS diploma /equivalent	None	Short-term OJT
43-4000	Information and Record Clerks	1,376	1,304	-72	-5.2%		69	95	157		None	
43-4000 43-4011	Brokerage Clerks	n	n,304	-72 n	-5.2 /0 n		03 	n	n	HS diploma /equivalent	None	Moderate-term OJT
43-4031	Court, Municipal, and License Clerks	44	47	3	6.8%		2	2	4	HS diploma /equivalent	None	Long-term OJT
43-4051	Customer Service Representatives	517	474	-43	-8.3%		23	39	58	HS diploma /equivalent	None	Short-term OJT
43-4061	Eligibility Interviewers, Government Programs	n	n	n - <del>1</del> 0	-0.070 n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
43-4071	File Clerks	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Hotel, Motel, and Resort Desk Clerks	24	26	2	8.3%		1	3	4	HS diploma /equivalent	None	Short-term OJT
43-4001		39	37	-2	-5.1%	Т	2	2	4	HS diploma /equivalent	None	Short-term OJT
43-4111	Library Assistants, Clerical	88	86	-2	-2.3%		8	6	4	HS diploma /equivalent	None	Short-term OJT
43-4121	Loan Interviewers and Clerks	37	32	-2 -5	-13.5%		1	2	3	HS diploma /equivalent	None	Short-term OJT
43-4131	New Accounts Clerks	57 n	n	-5 n	-13.5 %		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
43-4141	Order Clerks	32	24	-8	-25.0%	$\left  - \right $	1	2	2	Some college, no degree	None	Short-term OJT
43-4151		53		-0 -4	-25.0%	$\left  - \right $	2	3	5			
43-4161 43-4171	Human Resources Assistants, Except Payroll and Timekeeping Receptionists and Information Clerks	53 384	49 398	-4 14	-7.5%		2	27	5	Associate's degree HS diploma /equivalent	None None	None Short-term OJT
						$\left  - \right $						
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	n	n	n	n	$\left  - \right $	n	n	n	HS diploma /equivalent	None	Short-term OJT
43-4199	Information and Record Clerks, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT

43-5011 Ca 43-5021 Ca 43-5031 Pa	Occupation Title	2020	2030	Manage and a	_							ons, 2020 to 2030
43-5000 Mi 43-5011 Ca 43-5021 Ca 43-5031 Pc	Occupation Title		2030	Numeric	Percent	Õ	Averag	e Annual O	penings	Entry-Level Occu	upational Prep	aration
43-5000 Mi 43-5011 Ca 43-5021 Ca 43-5031 Pc		Estimated	Projected	Change	Change	Outlook	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
43-5011 Ca 43-5021 Ca 43-5031 Pa	laterial Recording, Scheduling, Dispatching, and Distributing Workers	689	677	-12	-1.7%	<u> </u>	25	37	61			
43-5021 Co 43-5031 Po	argo and Freight Agents	n	n	n	n		 n	n	n	HS diploma /equivalent	None	Short-term OJT
43-5031 Po	ouriers and Messengers	n	n	n	n		n	n	n		None	Short-term OJT
	olice, Fire, and Ambulance Dispatchers	44	47	3	6.8%		2	2	4		None	Moderate-term OJT
43-5032 Di	ispatchers, Except Police, Fire, and Ambulance	42	45	3	7.1%		2	2	4		None	Moderate-term OJT
	ostal Service Clerks	59	52	-7	-11.9%		2	2	3		None	Short-term OJT
43-5052 Pc	ostal Service Mail Carriers	107	95	-12	-11.2%		4	4	7		None	Short-term OJT
43-5053 Pc	ostal Service Mail Sorters, Processors, and Processing Machine Operators	n	n	n	n		n	n	n		None	Short-term OJT
	roduction, Planning, and Expediting Clerks	101	112	11	10.9%	•	4	7	12		None	Moderate-term OJT
43-5071 Sł	hipping, Receiving, and Traffic Clerks	261	248	-13	-5.0%	-	9	15	23		None	Short-term OJT
	/eighers, Measurers, Checkers, and Samplers, Recordkeeping	n	n	n	n		n	n	n		None	Short-term OJT
43-6000 Se	ecretaries and Administrative Assistants	889	816	-73	-8.2%		43	48	84			
43-6011 E>	xecutive Secretaries and Executive Administrative Assistants	71	57	-14	-19.7%		3	4	6	HS diploma /equivalent	Less than 5 yrs.	None
43-6012 Le	egal Secretaries	30	21	-9	-30.0%		1	1	1	HS diploma /equivalent	None	Moderate-term OJT
43-6013 M	ledical Secretaries	109	118	9	8.3%	1	6	6	13	HS diploma /equivalent	None	Moderate-term OJT
43-6014 Se	ecretaries and Administrative Assistants, Except Legal, Medical, and Executive					_						
		679	620	-59	-8.7%		33	36	63	HS diploma /equivalent	None	Short-term OJT
43-9000 Ot	ther Office and Administrative Support Workers	1,204	1,175	-29	-2.4%		64	71	132			
43-9021 Da	ata Entry Keyers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-9031 De	esktop Publishers	n	n	n	n		n	n	n	Associate's degree	None	Short-term OJT
43-9041 In	surance Claims and Policy Processing Clerks	35	29	-6	-17.1%		1	2	2	HS diploma /equivalent	None	Moderate-term OJT
43-9051 Ma	ail Clerks and Mail Machine Operators, Except Postal Service	43	31	-12	-27.9%		2	2	3	HS diploma /equivalent	None	Short-term OJT
43-9061 Of	ffice Clerks, General	1,086	1,076	-10	-0.9%		59	64	122	HS diploma /equivalent	None	Short-term OJT
43-9071 Of	ffice Machine Operators, Except Computer	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-9081 Pr	roofreaders and Copy Markers	n	n	n	n		n	n	n	Bachelor's degree	None	None
43-9111 St	tatistical Assistants	n	n	n	n		n	n	n	Bachelor's degree	None	None
43-9199 Of	ffice and Administrative Support Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
45-0000 Fa	arming, Fishing, and Forestry Occupations	542	582	40	7.4%		23	64	91			
45-1000 Su	upervisors of Farming, Fishing, and Forestry Workers	42	45	3	7.1%		2	4	6			
45-1011 Fi	irst-Line Supervisors of Farming, Fishing, and Forestry Workers	42	45	3	7.1%		2	4	6	HS diploma /equivalent	Less than 5 yrs.	None
	gricultural Workers	489	526	37	7.6%		21	58	83			
	nimal Breeders	6	7	1	16.7%		0	1	1		None	Short-term OJT
	raders and Sorters, Agricultural Products	6	6	0	0.0%		0	1	1		None	Short-term OJT
	armworkers and Laborers, Crop, Nursery, and Greenhouse	262	283	21	8.0%	♠	12	31	45		None	Short-term OJT
	armworkers, Farm, Ranch, and Aquacultural Animals	212	227	15	7.1%		9	25	36		None	Short-term OJT
	gricultural Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
	orest, Conservation, and Logging Workers	n	n	n	n		n	n	n			
	ogging Equipment Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	onstruction and Extraction Occupations	2,050	2,185	135	6.6%		63	142	219			
	upervisors of Construction and Extraction Workers	222	241	19	8.6%		6	15	23			
	irst-Line Supervisors of Construction Trades and Extraction Workers	222	241	19	8.6%	♠	6	15	23	HS diploma /equivalent 5	5 yrs.or more	None
	onstruction Trades Workers	1,524	1,625	101	6.6%		46	104	160			
-	oilermakers	n 40	n	n	n		n	n	n		None	Apprenticeship
	rickmasons and Blockmasons	40	38	-2	-5.0%		1	2	3	1 7 1	None	Apprenticeship
	tonemasons	n	n	n	n		n 10	n	n		None	Apprenticeship
	arpenters	335	345	10	3.0%		10	21	32		None	Apprenticeship
	loor Layers, Except Carpet, Wood, and Hard Tiles	n	n	n	n		n	n	n		None	Moderate-term OJT
	ile and Marble Setters	n	n	n	n		n	n	n		None	Long-term OJT
	ement Masons and Concrete Finishers	n 261	n 200	n	n 11.10/		n	n 10	n		None	Moderate-term OJT
	onstruction Laborers	261	290	29	11.1%	<b>↑</b>	8	19	30		None	Short-term OJT
47 2074 0-	aving, Surfacing, and Tamping Equipment Operators perating Engineers and Other Construction Equipment Operators	n 112	n 120	n 7	n 6.2%	•	n	n o	n 12		None	Moderate-term OJT
	veranno Enoneers and Omer Construction Equipment Operators	113	120	(	6.2%		4	8	13	HS diploma /equivalent	None	Moderate-term OJT

Sou	thwest Region Planning					J				Long-term Occupation	onal Proiectio	ons. 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Occ		
Code	Occupation Title	Estimated		Change	Change	utl	Exits <sup>1</sup>	Transfers <sup>2</sup>			Experience	Job Training
47-208		n	n	n	n	0	n	n	openings	No formal education	None	Moderate-term OJT
47-208		109	120	11	10.1%		3	8	12	HS diploma /equivalent	None	Apprenticeship
47-212		n	n	n	n	Т	n	n	n	HS diploma /equivalent	None	Apprenticeship
	Insulation Workers, Floor, Ceiling, and Wall	n		n			n	n	n	No formal education	None	Short-term OJT
47-213 47-214		155	n 165	10	n 6.5%		5	9	15	No formal education	None	
							-	-				Moderate-term OJT
	2 Paperhangers	n 103	n 107	n 4	n 3.9%		n 3	n 8	n 11	No formal education HS diploma /equivalent	None	Long-term OJT
47-215 47-218		103	133	8	5.9% 6.4%		3	° 9	13	No formal education	None	Apprenticeship
47-218								-		HS diploma /equivalent	None	Moderate-term OJT
		n	n	n	n		n	n	n		None None	Apprenticeship
47-222		n	n	n	n		n	n	n	HS diploma /equivalent		Apprenticeship
47-223		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-300	,	100	102	2	2.0%		3	9	12			
47-301	1 HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters											
		n	n	n	n		n	n	n	No formal education	None	Short-term OJT
	2 HelpersCarpenters	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-301		n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
47-301		n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
47-301		n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-400		171	181	10	5.8%		7	11	19			
47-401	1 Construction and Building Inspectors	n	n	n	n		n	n	n	HS diploma /equivalent	5 yrs.or more	Moderate-term OJT
47-405	1 Highway Maintenance Workers	129	137	8	6.2%		5	8	14	HS diploma /equivalent	None	Moderate-term OJT
47-407	1 Septic Tank Servicers and Sewer Pipe Cleaners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-409	0 Miscellaneous Construction and Related Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-500	0 Extraction Workers	n	n	n	n		n	n	n			
47-502	2 Excavating and Loading Machine and Dragline Operators, Surface Mining	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
49-000	0 Installation, Maintenance, and Repair Occupations	1,287	1,389	102	7.9%		44	85	139			
49-100	0 Supervisors of Installation, Maintenance, and Repair Workers	124	131	7	5.6%		4	8	13			
49-101		124	131	7	5.6%		4	8	13	HS diploma /equivalent	Less than 5 yrs.	None
49-200	0 Electrical and Electronic Equipment Mechanics, Installers, and Repairers	72	77	5	6.9%		2	5	7			
49-201		n	n	n	n		n	n	n	Some college, no degree	None	Short-term OJT
49-202	1 Radio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
49-202		n	n	n	n		n	n	n	Postsec. non-degree award	None	Moderate-term OJT
49-209		n	n	n	n		n	n	n	Postsec. non-degree award	None	Long-term OJT
49-209		n	n	n	n		n	n	n	Postsec. non-degree award	None	Long-term OJT
49-209		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-209		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-300		490	519	29	5.9%		16	34	53		None	
49-300		490 n	519 n	29 n			n	34 n	n	Postsec. non-degree award	None	None
49-301		27	28	1	n 3.7%		1	2	3			Long-term OJT
			-						-	HS diploma /equivalent	None	
49-302		160	159	-1	-0.6%		5	11	16	Postsec. non-degree award	None	Short-term OJT
49-303		99	108	9	9.1%	♠	3	6	10	HS diploma /equivalent	None	Long-term OJT
49-304		n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
	2 Mobile Heavy Equipment Mechanics, Except Engines	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
	2 Motorcycle Mechanics	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
	3 Outdoor Power Equipment and Other Small Engine Mechanics	77	86	9	11.7%	1	4	5	10	HS diploma /equivalent	None	Moderate-term OJT
49-309		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	2 Recreational Vehicle Service Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-309		n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
49-900	, , , , , , , , , , , , , , , , , , , ,	601	662	61	10.1%		21	38	65			
49-901	2 Control and Valve Installers and Repairers, Except Mechanical Door	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-902	1 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	60	64	4	6.7%		2	4	6	Postsec. non-degree award	None	Long-term OJT
49-903	1 Home Appliance Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
10 004	1 Industrial Machinery Mechanics	133	169	36	27.1%	<b>^</b>	5	8	17	HS diploma /equivalent	None	Long-term OJT

Sout	west Region Planning					5				Long-term Occupati	onal Proiectio	ons. 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual Op	penings		cupational Prep	
	Occurrentian Title	Estimated				E	Exits <sup>1</sup>	Transfers <sup>2</sup>	1	Education	Experience	Job Training
Code	Occupation Title			Change	Change	0			Openings		•	<u> </u>
49-9043	Maintenance Workers, Machinery	n 5	n 5	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9044	Millwrights	-	-	0	0.0%		0	0	0	HS diploma /equivalent	None	Apprenticeship
49-9062	Medical Equipment Repairers	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
49-9063	Musical Instrument Repairers and Tuners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
49-9069	Precision Instrument and Equipment Repairers, All Other	n 325	n 344	n 19	n 5.8%		n 12	n 20	n 34	HS diploma /equivalent	None	Long-term OJT
49-9071	Maintenance and Repair Workers, General		-	-						HS diploma /equivalent	None	Moderate-term OJT
49-9094	Locksmiths and Safe Repairers HelpersInstallation, Maintenance, and Repair Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9098 49-9099		n	n	n	n		n	n	n	HS diploma /equivalent	None None	Short-term OJT
	Installation, Maintenance, and Repair Workers, All Other	n	n	n	n		n 405	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-0000	Production Occupations	3,754	3,637	-117	-3.1%		135	262	385			
51-1000	Supervisors of Production Workers	248	256	8	3.2%		8	17	26	UC dialante (anvivalent	Less they Firms	News
51-1011	First-Line Supervisors of Production and Operating Workers	248	256	8	3.2%		8	17	26	HS diploma /equivalent	Less than 5 yrs.	None
51-2000 51-2028	Assemblers and Fabricators	1,041	935	-106	-10.2%		37	70	96			
51-2020	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	10	10	0	44.00/	•		0				
		42	48	6	14.3%	♠	2	3	6	HS diploma /equivalent	None	Moderate-term OJT
51-2041	Structural Metal Fabricators and Fitters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-2051	Fiberglass Laminators and Fabricators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-2090	Miscellaneous Assemblers and Fabricators	972	862	-110	-11.3%		35	65	89	HS diploma /equivalent	None	Moderate-term OJT
51-3000	Food Processing Workers	120	126	6	5.0%		6	9	16			
51-3011	Bakers	48	53	5	10.4%	•	3	4	7	No formal education	None	Long-term OJT
51-3021	Butchers and Meat Cutters	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders						1					
		n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
51-3092	Food Batchmakers	n	n	n	n	•	n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-3093	Food Cooking Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-3099	Food Processing Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
51-4000	Metal Workers and Plastic Workers	897	938	41	4.6%		31	62	97			
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and											
	Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic									· · ·		
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic											
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal											
000.	and Plastic	46	45	-1	-2.2%		1	3	4	HS diploma /equivalent	None	Moderate-term OJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	40	45	-1	-2.270				4	HS diploma /equivalent	None	Woderale-lefti OJT
31-4033	Tenders, Metal and Plastic	99	99	0	0.0%		4	7	11	HS diplome (aguinelent	None	Moderate-term OJT
51-4041	Machinists	219	247	28	0.0%		8	16	11 27	HS diploma /equivalent	None None	
-						♠	-			HS diploma /equivalent		Long-term OJT
51-4052	Pourers and Casters, Metal	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4071	Foundry Mold and Coremakers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic			_					_			
		68	68	0	0.0%		2	5	7	HS diploma /equivalent	None	Moderate-term OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic						1					
		156	170	14	9.0%	♠	5	11	17	HS diploma /equivalent	None	Moderate-term OJT
	Tool and Die Makers	n	n	n	n	$\square$	n	n	n	Postsec. non-degree award	None	Long-term OJT
	Welders, Cutters, Solderers, and Brazers	53	59	6	11.3%	•	2	4	7	HS diploma /equivalent	None	Moderate-term OJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic					ΙĪ						
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4194	Tool Grinders, Filers, and Sharpeners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
			-			r T		T		the second se		
51-4199	Metal Workers and Plastic Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT

Southwest Region Planning						×	Long-term Occupational Projections, 2020 to 2030						
SOC		2020	2030	Numeric	Percent	Outlook	Average Annual Openings			Entry-Level Occupational Preparation			
Code	Occupation Title		Projected	Change	Change	utl	Exits <sup>1</sup>		Openings <sup>3</sup>	Education	Experience	Job Training	
51-5111	Prepress Technicians and Workers	n	n	n	n	0	n	n	n	Postsec. non-degree award	None	None	
51-5112	Printing Press Operators	47	39	-8	-17.0%		2	3	4	HS diploma /equivalent	None	Moderate-term OJT	
51-5112	Print Binding and Finishing Workers	47 n	n	-0 n	-17.0%		n	n	n -	HS diploma /equivalent	None	Moderate-term OJT	
51-6000	Textile, Apparel, and Furnishings Workers	207	173	-34	-16.4%		11	12	20		None	Widderate-term Off	
51-6011	Laundry and Dry-Cleaning Workers	63	67	-34	6.3%		4	4	8	No formal education	None	Short-term OJT	
51-6021	Pressers, Textile, Garment, and Related Materials	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
51-6041	Shoe and Leather Workers and Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-6052	Tailors, Dressmakers, and Custom Sewers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT	
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT	
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	8	6	-2	-25.0%		0	0	0	HS diploma /equivalent	None	Moderate-term OJT	
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and	Ű		-	20.070		ů						
	Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-6093	Upholsterers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-7000	Woodworkers	102	94	-8	-7.8%		3	7	9				
51-7011	Cabinetmakers and Bench Carpenters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-7032	Patternmakers, Wood	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	74	64	-10	-13.5%		2	5	6	HS diploma /equivalent	None	Moderate-term OJT	
51-8000	Plant and System Operators	96	89	-7	-7.3%		3	6	8				
51-8013	Power Plant Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT	
51-8021	Stationary Engineers and Boiler Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT	
51-8031	Water and Wastewater Treatment Plant and System Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT	
51-8099	Plant and System Operators, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9000	Other Production Occupations	985	979	-6	-0.6%		35	75	109				
51-9011	Chemical Equipment Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters,												
	Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	4	3	-1	-25.0%		0	0	0	HS diploma /equivalent	None	Moderate-term OJT	
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and												
	Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	276	241	-35	-12.7%		10	20	26	HS diploma /equivalent	None	Moderate-term OJT	
51-9082	Medical Appliance Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9083	Ophthalmic Laboratory Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9111	Packaging and Filling Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9123	Painting, Coating, and Decorating Workers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT	
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	69	75	6	8.7%	٠	2	5	8	HS diploma /equivalent	None	Moderate-term OJT	
51-9151	Photographic Process Workers and Processing Machine Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT	
51-9161	Computer Numerically Controlled Tool Operators	341	345	4	1.2%		12	25	37	HS diploma /equivalent	None	Moderate-term OJT	
51-9162	Computer Numerically Controlled Tool Programmers	33	43	10	30.3%	۲	1	3	5	Postsec. non-degree award	None	Moderate-term OJT	
51-9191	Adhesive Bonding Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT	
51-9196	Paper Goods Machine Setters, Operators, and Tenders	30	28	-2	-6.7%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT	
51-9198	HelpersProduction Workers	53	51	-2	-3.8%		2	5	7	HS diploma /equivalent	None	Short-term OJT	
51-9199	Production Workers, All Other	n	n	n	n	1	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-0000	Transportation and Material Moving Occupations	3,220	3,402	182	5.7%		164	265	447				
53-1000	Supervisors of Transportation and Material Moving Workers	145	145	0	0.0%		5	10	15				
53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft												
	Cargo Handling Supervisor	145	145	0	0.0%		5	10	15	HS diploma /equivalent	Less than 5 yrs.	None	
53-2000		8	9	1	12.5%		0	1	1				
53-2011	Airline Pilots, Copilots, and Flight Engineers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT	

New Hampshire	Planning F	Reaion F	Proiections.	2020 to 2030

Southwest Region Planning						¥	Long-term Occupational Projections, 2020 to 2030						
SOC		2020	2030	Numeric	Percent	Outlook	Average Annual Openings			Entry-Level Occupational Preparation			
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
53-2012	Commercial Pilots	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-3000	Motor Vehicle Operators	1,155	1,278	123	10.6%		58	77	147				
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-3031	Driver/Sales Workers	n	n	n	n	1	n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-3032	Heavy and Tractor-Trailer Truck Drivers	425	426	1	0.2%		17	29	46	Postsec. non-degree award	None	Short-term OJT	
53-3033	Light Truck or Delivery Services Drivers	174	176	2	1.1%		7	12	19	HS diploma /equivalent	None	Short-term OJT	
53-3052	Bus Drivers, Transit and Intercity	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	268	345	77	28.7%	1	20	15	43	No formal education	None	Short-term OJT	
53-3099	Motor Vehicle Operators, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-6000	Other Transportation Workers	n	n	n	n		n	n	n				
53-6011	Bridge and Lock Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-6021	Parking Lot Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-6031	Automotive and Watercraft Service Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	2	2	0	0.0%		0	0	0	HS diploma /equivalent	None	Short-term OJT	
53-7000	Material Moving Workers	1,881	1,936	55	2.9%		99	174	279				
53-7021	Crane and Tower Operators	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
53-7051	Industrial Truck and Tractor Operators	68	72	4	5.9%		2	5	7	No formal education	None	Short-term OJT	
53-7061	Cleaners of Vehicles and Equipment	72	74	2	2.8%		4	6	10	No formal education	None	Short-term OJT	
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	399	440	41	10.3%	1	18	36	58	No formal education	None	Short-term OJT	
53-7063	Machine Feeders and Offbearers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-7064	Packers and Packagers, Hand	269	218	-51	-19.0%		14	20	29	No formal education	None	Short-term OJT	
53-7065	Stockers and Order Fillers	943	994	51	5.4%		55	94	154	HS diploma /equivalent	None	Short-term OJT	
53-7081	Refuse and Recyclable Material Collectors	90	98	8	8.9%		4	8	13	No formal education	None	Short-term OJT	

n - Employment data does not meet disclosure standards

1. Annual Labor Force Exits is the number of workers leaving an occupation (to go to school, start a family, or retire, for example).

2. Annual Occupational Transfers is the number of workers leaving one occupation to go to another occupational group (such as through job change or promotion).

3. Total Annual Openings is the sum of Exits plus Transfers plus annual change in an occupation.

Sum of detailed occupations may not add up to total major group due to rounding

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