Rocki	ngham Planning Commission					~				Long-term Occupati	ional Projecti	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	Outlook	Averag	e Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	ᆵ	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Total, All Occupations	117,324	127,765	10,441	8.9%	O	5,333	8,295	14,672	Eddeation	Experience	JOD Training
11-0000	Management Occupations	7,990	9,080	1,090	13.6%		202	477	788			
11-1000	Top Executives	2,673	3,007	334	12.5%		58	173	264			
11-1011	Chief Executives	121	120	-1	-0.8%		3	5	8	Bachelor's degree	5 yrs.or more	None
11-1021	General and Operations Managers	2,500	2,829	329	13.2%		53	165	251	Bachelor's degree	5 yrs.or more	None
11-1031	Legislators	52	58	6	11.5%		1	3	5	Bachelor's degree	Less than 5 yrs.	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	881	1,006	125	14.2%		19	59	90	Duction of degree	Leas than 5 year	
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	415	483	68	16.4%	•	9	28	44	Bachelor's degree	5 yrs.or more	None
11-2022	Sales Managers	378	420	42	11.1%		8	25	37	Bachelor's degree	Less than 5 yrs.	None
11-2030	Public Relations and Fundraising Managers	71	85	14	19.7%		2	4	7	Bachelor's degree	5 yrs.or more	None
11-3000	Operations Specialties Managers	1,995	2,307	312	15.6%		44	114	189		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
11-3010	Administrative Services and Facilities Managers	160	183	23	14.4%	•	5	9	16	Bachelor's degree	Less than 5 yrs.	None
11-3021	Computer and Information Systems Managers	498	573	75	15.1%	•	9	30	47	Bachelor's degree	5 yrs.or more	None
11-3031	Financial Managers	727	877	150	20.6%	•	16	40	71	Bachelor's degree	5 yrs.or more	None
11-3051	Industrial Production Managers	181	202	21	11.6%		4	9	15	Bachelor's degree	5 yrs.or more	None
11-3061	Purchasing Managers	105	118	13	12.4%		2	6	9	Bachelor's degree	5 yrs.or more	None
11-3071	Transportation, Storage, and Distribution Managers	108	121	13	12.0%		2	6	9	HS diploma /equivalent	5 yrs.or more	None
11-3111	Compensation and Benefits Managers	25	27	2	8.0%		1	1	2	Bachelor's degree	5 yrs.or more	None
11-3121	Human Resources Managers	128	144	16	12.5%		3	8	13	Bachelor's degree	5 yrs.or more	None
11-3131	Training and Development Managers	63	62	-1	-1.6%		1	4	5	Bachelor's degree	5 yrs.or more	None
11-9000	Other Management Occupations	2,441	2,760	319	13.1%		81	131	244		,	
11-9013	Farmers, Ranchers, and Other Agricultural Managers	392	397	5	1.3%		24	14	38	HS diploma /equivalent	5 yrs.or more	None
11-9021	Construction Managers	250	287	37	14.8%	•	6	14	24	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	72	81	9	12.5%	-	2	4	7	Bachelor's degree	Less than 5 yrs.	None
11-9032	Education Administrators, Elementary and Secondary School	189	202	13	6.9%		5	9	15	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	246	257	11	4.5%		4	13	18	Bachelor's degree	5 yrs.or more	None
11-9051	Food Service Managers	276	323	47	17.0%	<b>1</b>	9	24	38	HS diploma /equivalent	Less than 5 yrs.	None
11-9071	Gaming Managers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
11-9081	Lodging Managers	40	44	4	10.0%		2	3	5	HS diploma /equivalent	Less than 5 yrs.	None
11-9111	Medical and Health Services Managers	298	412	114	38.3%	<b>1</b>	9	18	38	Bachelor's degree	Less than 5 yrs.	None
11-9121	Natural Sciences Managers	25	30	5	20.0%		0	1	1	Bachelor's degree	5 yrs.or more	None
11-9131	Postmasters and Mail Superintendents	23	18	-5	-21.7%		0	1	1	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
11-9141	Property, Real Estate, and Community Association Managers	193	209	16	8.3%		8	8	18	HS diploma /equivalent	Less than 5 yrs.	None
11-9151	Social and Community Service Managers	127	149	22	17.3%	<b>^</b>	4	7	13	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	Funeral Home Managers	n	n	n	n		n	n	n	Associate's degree	Less than 5 yrs.	None
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except											
	Gambling; and Managers, All Other	258	298	40	15.5%	•	6	14	24	Bachelor's degree	Less than 5 yrs.	None
13-0000	Business and Financial Operations Occupations	6,792	7,628	836	12.3%		194	430	708			
13-1000	Business Operations Specialists	4,670	5,303	633	13.6%		136	305	504			
	Buyers and Purchasing Agents	474	474	0	0.0%		16	30	46	Bachelor's degree	None	Moderate-term OJT
13-1031	Claims Adjusters, Examiners, and Investigators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
13-1041	Compliance Officers	394	392	-2	-0.5%		10	21	31	Bachelor's degree	None	Moderate-term OJT
13-1051	Cost Estimators	116	122	6	5.2%		3	7	11	Bachelor's degree	None	Moderate-term OJT
13-1071	Human Resources Specialists	571	658	87	15.2%	1	17	41	67	Bachelor's degree	None	None
13-1075	Labor Relations Specialists	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
13-1081	Logisticians	173	235	62	35.8%	1	4	13	23	Bachelor's degree	None	None
13-1111	Management Analysts	781	908	127	16.3%	1	27	49	89	Bachelor's degree	Less than 5 yrs.	None
13-1121	Meeting, Convention, and Event Planners	108	132	24	22.2%	1	4	9	15	Bachelor's degree	None	None
13-1131	Fundraisers	79	97	18	22.8%	1	3	6	11	Bachelor's degree	None	None

Rock	ingham Planning Commission					<u>_</u>				Long-term Occupati	onal Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	look	Averag	e Annual Op	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>	Onenings <sup>3</sup>	Education	Experience	Job Training
13-1141	Compensation, Benefits, and Job Analysis Specialists	67	77	10	14.9%		2	4		Bachelor's degree	Less than 5 yrs.	None
13-1151	Training and Development Specialists	314	347	33	10.5%		10	20		Bachelor's degree	Less than 5 yrs.	None
13-1161	Market Research Analysts and Marketing Specialists	717	920	203	28.3%	•	19	60	99	Bachelor's degree	None	None
13-1198	Project Management Specialists and Business Operations Specialists, All Other		020	200	20.070	1				240,10,0,0	110110	110110
		786	856	70	8.9%		19	40	66	Bachelor's degree	None	None
13-2000	Financial Specialists	2,122	2,325	203	9.6%		57	125	202	ÿ		
13-2011	Accountants and Auditors	1,052	1,174	122	11.6%		31	66	109	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	206	231	25	12.1%		5	11	18	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	56	67	11	19.6%		1	3		Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	329	347	18	5.5%		7	18		Bachelor's degree	Less than 5 yrs.	Moderate-term OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	47	47	0	0.0%		2	2	4	Bachelor's degree	None	Moderate-term OJT
13-2082	Tax Preparers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial											
	Specialists, All Other	248	268	20	8.1%		4	15		Bachelor's degree	None	None
15-0000	Computer and Mathematical Occupations	4,656	5,558	902	19.4%		106	251	447			
15-1200	Computer Occupations	4,518	5,370	852	18.9%		103	244	432			
15-1211	Computer Systems Analysts	527	588	61	11.6%		11	27	44	Bachelor's degree	None	None
15-1212	Information Security Analysts	170	236	66	38.8%	1	3	11		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	146	167	21	14.4%	1	3	8	13	Associate's degree	None	None
15-1232	Computer User Support Specialists	395	446	51	12.9%		8	22	35	Some college, no degree	None	None
15-1241	Computer Network Architects	108	123	15	13.9%		2	5		Bachelor's degree	5 yrs.or more	None
15-1244	Network and Computer Systems Administrators	544	602 92	58	10.7%		10	27 4	43 7	Bachelor's degree	None	None
15-1245 15-1251	Database Administrators and Architects	80 199	187	12 -12	15.0% -6.0%		4	9	12	Bachelor's degree	None None	None None
15-1251	Computer Programmers Software Developers and Software Quality Assurance Analysts and Testers	1,765	2,254	489	27.7%	•	47	98	194	Bachelor's degree Bachelor's degree	None	None
15-1257	Web Developers and Digital Interface Designers	1,765	171	25	17.1%	<b>T</b>	47	8	194	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	435	500	65	14.9%	<b>T</b>	11	23	40	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	138	188	50	36.2%	T	3	7	15	Dacricioi 3 degree	None	None
15-2011	Actuaries	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
15-2031	Operations Research Analysts	100	133	33	33.0%	•	2	5		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	2,412	2,675	263	10.9%		60	125	211	Ÿ		
17-1000	Architects, Surveyors, and Cartographers	172	195	23	13.4%		6	8	16			
17-1011	Architects, Except Landscape and Naval	69	79	10	14.5%		2	3	6	Bachelor's degree	None	Internship/residency
17-1012	Landscape Architects	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
17-1022	Surveyors	80	92	12	15.0%		3	4	8	Bachelor's degree	None	Internship/residency
17-2000	Engineers	1,600	1,779	179	11.2%		34	73	125			
17-2041	Chemical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2051	Civil Engineers	349	424	75	21.5%	<b>1</b>	8	19	35	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	56	58	2	3.6%		1	3	4	Bachelor's degree	None	None
17-2071	Electrical Engineers	146	173	27	18.5%	<b>1</b>	4	6	13	Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	39	45	6	15.4%		11	2	4	Bachelor's degree	None	None
17-2081	Environmental Engineers	38	44	6	15.8%		1	2	4	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	304	360	56	18.4%	1	7	13	26	Bachelor's degree	None	None

Methods Engineers	Rockii	ngham Planning Commission					×				Long-term Occupat	ional Projection	ons, 2020 to 2030
17-2151   Madertals Engineers   n   n   n   n   n   n   n   n   n	SOC		2020	2030	Numeric	Percent	8	Averag	e Annual Or	enings	Entry-Level Oc	cupational Prep	aration
17-2131   Materials Engineers   n   n   n   n   n   n   n   n   n		Occupation Title	Estimated	Projected	Change	Change	] It	Fyits <sup>1</sup>	Transfers <sup>2</sup>	Onenings <sup>3</sup>	Education	Experience	Job Training
17.2416   Moranizar Engineers   396		·											, in the second
17.215   Milling and Geological Engineers   None   None				1									
17.2161   Nuclear Engineers								•			·		
17-217  Petroleum Engineerin   n   n   n   n   n   n   n   n   n													
17-2796    Engineering Technicians and Mapping Technicians   640   49   49   0   0   0.0 %   1   2   3   Bachelor's degree   None   N											·		
193000   Dathers, Engineering Technicians, and Magaing Technicians   144   158   14   97%   5   10   16   Associate's degree   None   None   None   173013   Architectural and Civil Tomatics   None   Non				1		-					·		
17-3011   Architectural and Civil Drafters   144   158   14   9.7%   5   10   16   Associate's degree   None   None   None   None   17-3012   Edenticate and Electronicate's degree   None								21			Basiloloi e aegi ee	110110	110110
17-3012   Electronic Drefters											Associate's degree	None	None
17-3019   Definer   All Dier											· ·		
17-3092   Daffers, All Other				1		-					·		
17-3022   Cwill Engineering Technicians   94   102   8   6.5%   3   6   10   Associatin's degree   None   None   None   17-3025   Electric Mechanical Technicians   94   102   8   6.5%   3   6   10   Associatin's degree   None   None   None   17-3025   Secretary Technicians   1   1   1   1   1   1   1   1   1											·		
17-9026											·		
17-3045													
17-3026   Environmental Engineering Technicians   n   n   n   n   n   n   n   n   n					n			n			·		
17-3020   Industrial Engineering Technicians   81   90   9   11.1%   3   6   10   Associate's degree   None   None   None   17-3027   Mechanical Engineering Technicians   94   10.5   11   17.5%   3   6   10   Associate's degree   None   None   None   17-3031   Surveying and Mapping Technicians   75   86   11   14.7%   4   3   7   11   HS diploma /equivalent   None   Moderate-term   None					n						·		
17-3027   Mechanical Engineering Technicians   94   105   11   11-7%   3   3   6   10   Associate's degree   None   Non				1	9			3			·		
17-3031   Surveying and Mapping Technicians   75   86					11				6	10			
Other   31   33   2   6.5%   1   2   3   Associate's degree   None					11		•	3	7				Moderate-term OJT
19-0000 Life, Physical, and Social Science Occupations  651 774 123 18.9% 15 48 75  19-1010 Duffe Scientists  92 114 22 23.9% 2 8 12  83.9% 15 48 75  19-1011 Animal Scientists  92 114 22 23.9% 2 8 12  83.9% 15 48 75  19-1011 Animal Scientists  93 114 22 23.9% 2 8 12  83.9% 15 48 75  19-1011 Animal Scientists  94 114 22 23.9% 2 8 12  83.9% 15 48 75  19-1012 Food Scientists and Technologists  95 114 22 23.9% 2 8 12  83.9% 15 48 12  83.9% 15 48 75  19-1012 Food Scientists and Technologists  96 10 1	17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All											
19-1010 Life Scientists  19-1011 Animal Scientists  19-1011 Animal Scientists  19-1011 Animal Scientists  19-1012 Animal Scientists and Technologists  19-1013 Soil and Plant Scientists  19-1013 Soil and Plant Scientists  19-1021 Microbiologists  19-1022 Microbiologists  19-1022 Microbiologists  19-1023 Zoologists and Wildlife Biologists  19-1023 Zoologists and Wildlife Biologists  19-1023 Zoologists and Wildlife Biologists  19-1024 Microbiologists  19-1025 Microbiologists  19-1026 Microbiologists  19-1027 Microbiologists  19-1027 Microbiologists  19-1028 Microbiologists  19-1029 Microbiol		Other	31	33	2	6.5%		1	2	3	Associate's degree	None	None
19-1010 Life Scientists  19-1011 Animal Scientists  19-1011 Animal Scientists  19-1011 Animal Scientists  19-1012 Animal Scientists and Technologists  19-1013 Soil and Plant Scientists  19-1013 Soil and Plant Scientists  19-1021 Microbiologists  19-1022 Microbiologists  19-1022 Microbiologists  19-1023 Zoologists and Wildlife Biologists  19-1023 Zoologists and Wildlife Biologists  19-1023 Zoologists and Wildlife Biologists  19-1024 Microbiologists  19-1025 Microbiologists  19-1026 Microbiologists  19-1027 Microbiologists  19-1027 Microbiologists  19-1028 Microbiologists  19-1029 Microbiol	19-0000	Life. Physical, and Social Science Occupations			123			15	48		J		
19-1011 Animal Scientists				1									
19-1012   Food Scientists and Technologists								n			Bachelor's degree	None	None
19-1013 Soil and Plant Scientists											•		
19-1021 Biochemists and Biophysicists													
19-1022   Microbiologists				1							· · · · · · · · · · · · · · · · · · ·		
19-1023 Zoologists and Wildlife Biologists				n	n	n		n		n	.,	None	None
19-1029 Biological Scientists, All Other		-											
19-1031 Conservation Scientists											·		
19-1042 Medical Scientists, Except Epidemiologists					n	- +							
19-2000 Physical Scientists  200 253 53 26.5% 4 17 26  19-2012 Physicists  19-2021 Atmospheric and Space Scientists  19-2021 Atmospheric and Space Scientists  19-2031 Chemists  81 110 29 35.8% ↑ 1 7 11 Bachelor's degree None None None 19-2031 Materials Scientists  81 110 29 35.8% ↑ 1 7 11 Bachelor's degree None None None 19-2042 Environmental Scientists and Specialists, Including Health  30 37 7 23.3% 1 3 5 Bachelor's degree None None 19-2042 Geoscientists, Except Hydrologists and Geographers  19-2042 Hydrologists  19-2043 Hydrologists  19-2044 Scientists and Related Workers  19-2045 Social Scientists and Related Workers  19-3030 Social Scientists and Related Workers  19-3032 Industrial-Organizational Psychologists  19-3039 Psychologists, All Other  19-3039 Psychologists, All Other  19-3039 Psychologists, All Other  19-3030 Industrial-Organizational Psychologists  19-3030 Psychologists, All Other  19-3030 Industrial-Organizational Psychologists  10 17 11 Bachelor's degree None None None None None None None No	19-1032	Foresters	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2012   Physicists   n   n   n   n   n   n   n   n   n	19-1042	Medical Scientists, Except Epidemiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
19-2021 Atmospheric and Space Scientists	19-2000	Physical Scientists	200	253	53	26.5%		4	17	26			
19-2031 Chemists	19-2012	Physicists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
19-2032 Materials Scientists  n  n  n  n  n  n  n  n  n  n  n  n  n	19-2021	Atmospheric and Space Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2041 Environmental Scientists and Specialists, Including Health 30 37 7 23.3% 1 3 5 Bachelor's degree None None 19-2042 Geoscientists, Except Hydrologists and Geographers n n n n n n n n n Bachelor's degree None None 19-2043 Hydrologists n n n n n n n n n n n n n n n n n n	19-2031	Chemists	81	110	29	35.8%	<b>1</b>	1	7	11	Bachelor's degree	None	None
19-2042 Geoscientists, Except Hydrologists and Geographers  n n n n n n n n n n n n n n n n n n	19-2032	Materials Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2043         Hydrologists         n	19-2041	Environmental Scientists and Specialists, Including Health	30	37	7	23.3%		1	3	5	Bachelor's degree	None	None
19-3000         Social Scientists and Related Workers         152         169         17         11.2%         3         9         14         Image: Company of the company	19-2042	Geoscientists, Except Hydrologists and Geographers	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-3022Survey ResearchersnnnnnnnnMaster's degreeNoneNone19-3031Clinical, Counseling, and School Psychologists566047.1%224Doctoral/professional degreeNoneInternship/resident19-3032Industrial-Organizational PsychologistsnnnnnnnnMaster's degreeNoneInternship/resident19-3039Psychologists, All OthernnnnnnnMaster's degreeNoneInternship/resident	19-2043	Hydrologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-3031Clinical, Counseling, and School Psychologists566047.1%224Doctoral/professional degreeNoneInternship/resident19-3032Industrial-Organizational PsychologistsnnnnnnnnMaster's degreeNoneInternship/resident19-3039Psychologists, All OthernnnnnnnMaster's degreeNoneInternship/resident	19-3000	Social Scientists and Related Workers	152	169	17	11.2%		3	9	14			
19-3032     Industrial-Organizational Psychologists     n <td>19-3022</td> <td>Survey Researchers</td> <td>n</td> <td>n</td> <td>n</td> <td>n</td> <td></td> <td>n</td> <td>n</td> <td>n</td> <td>Master's degree</td> <td>None</td> <td>None</td>	19-3022	Survey Researchers	n	n	n	n		n	n	n	Master's degree	None	None
19-3039 Psychologists, All Other n n n n n Master's degree None Internship/reside	19-3031	Clinical, Counseling, and School Psychologists	56	60	4	7.1%		2	2	4	Doctoral/professional degree	None	Internship/residency
	19-3032	Industrial-Organizational Psychologists	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
40 2044 Capitalagista	19-3039	Psychologists, All Other	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
רופ-פועד באיז און די באר		Sociologists	n	n	n	n		n	n	n	Master's degree	None	None
19-3051 Urban and Regional Planners 32 35 3 9.4% 0 2 2 Master's degree None None	19-3051	Urban and Regional Planners	32	35	3	9.4%		0	2	2	Master's degree	None	None
19-3091 Anthropologists and Archeologists					n	- +	T	n	n	n	Master's degree		
19-3094 Political Scientists n n n n n n n Master's degree None None					n	n	T	n		n		None	None
19-3099 Social Scientists and Related Workers, All Other n n n n n n Bachelor's degree None None		Social Scientists and Related Workers, All Other			n			n			·		None
19-4000 Life, Physical, and Social Science Technicians 87 105 18 20.7% 2 9 13													
19-4021 Biological Technicians n n n n n n Bachelor's degree None None							T	n			Bachelor's degree	None	None
19-4031 Chemical Technicians 37 42 5 13.5% 1 4 5 Associate's degree None Moderate-term											ŭ		

Rocki	ngham Planning Commission					~				Long-term Occupati	onal Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	look	Averag	e Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>		Education	Experience	Job Training
19-4042	Environmental Science and Protection Technicians, Including Health	n	n	n	n	O		n		Associate's degree	None	None
19-4045	Geological and Hydrologic Technicians	n	n	n	n		n n	n	n n	Associate's degree	None	Moderate-term OJT
19-4051	Nuclear Technicians	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
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	n	n	n	n		n	n	n	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	120	133	13	10.8%		4	5	10	7.00001410.0 4091.00	TTONIO	140110
19-5011	Occupational Health and Safety Specialists	113	126	13	11.5%		3	5	9	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	1,223	1,318	95	7.8%		43	81	134			
	Counselors, Social Workers, and Other Community and Social Service Specialists		1,010	- 00	7.070			0.				
		997	1,087	90	9.0%		34	66	109			
21-1012	Educational, Guidance, School, and Vocational Counselors	318	288	-30	-9.4%		10	18	25	Master's degree	None	None
21-1013	Marriage and Family Therapists	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	81	93	12	14.8%		3	5	9	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	72	91	19	26.4%	•	3	5	10	Bachelor's degree	None	None
21-1021	Child, Family, and School Social Workers	63	69	6	9.5%	T	2	4	7	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	93	107	14	15.1%	•	3	6	10	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	113	133	20	17.7%	•	3	8	13	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
21-1091	Health Educators	n	n	n	n		n	n		Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	n	n	n	n		n	n		Bachelor's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	137	165	28	20.4%	•	6	11	20	HS diploma /equivalent	None	Short-term OJT
21-1094	Community Health Workers	n	n	n	n	7	n	n	n	HS diploma /equivalent	None	Short-term OJT
21-1099	Community and Social Service Specialists, All Other	63	78	15	23.8%		2	5	9	Bachelor's degree	None	None
21-2000	Religious Workers	226	231	5	2.2%		10	15	25	Bachelol 3 degree	TTOTIC	INOTIC
21-2011	Clergy	131	136	5	3.8%		6	8	14	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities and Education	71	72	1	1.4%		3	5		Bachelor's degree	Less than 5 yrs.	None
21-2099	Religious Workers, All Other	24	23	-1	-4.2%		1	2		Bachelor's degree	None	None
23-0000	Legal Occupations	501	592	91	18.2%		14	20	43	<u> </u>	TTONIC	140110
23-1000	Lawyers, Judges, and Related Workers	350	411	61	17.4%		8	9	23			
23-1011	Lawyers	336	397	61	18.2%	•	8	9	23	Doctoral/professional degree	None	None
23-1012	Judicial Law Clerks	n	n	n	n	781	n	n	n	Doctoral/professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	n	n	n	n		n	n	n	Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-1023	Judges, Magistrate Judges, and Magistrates	9	9	0	0.0%		0	0		Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-2000	Legal Support Workers	151	181	30	19.9%		6	11	20	Decicial, professional degree	5 yisioi iiioic	Short term out
23-2011	Paralegals and Legal Assistants	131	161	30	22.9%	•	6	10	19	Associate's degree	None	None
23-2091	Court Reporters	9	9	0	0.0%	T	0	0	0	Postsec. non-degree award	None	Short-term OJT
23-2093	Title Examiners, Abstractors, and Searchers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-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	5,452	5,977	525	9.6%		228	262	542	Associate's degree	None	None
	Postsecondary Teachers	222	267	45	20.3%		11	11	26			
	Business Teachers, Postsecondary	n	n	n	n		n	n		Doctoral/professional degree	None	None
25-1011	Computer Science Teachers, Postsecondary	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
25-1022	Biological Science Teachers, Postsecondary	n	n	n	n	H	n	n	n	Doctoral/professional degree	None	None
25-1042	Chemistry Teachers, Postsecondary	n	n	n	n	H	n	n n		Doctoral/professional degree	None	None
25-1052	Physics Teachers, Postsecondary	n	n	n	n	<del> </del>	n	n n		Doctoral/professional degree	None	None
25-1054	Economics Teachers, Postsecondary	n	n	n	n	$\vdash$		n	n	Doctoral/professional degree	None	None
25-1063	Psychology Teachers, Postsecondary						n			Doctoral/professional degree	None	None
	Health Specialties Teachers, Postsecondary	n	n	n	n	$\vdash$	n	n	n			
25-1071	, , , , , , , , , , , , , , , , , , , ,	n	n	n	n	$\vdash$	n	n		Doctoral/professional degree	Less than 5 yrs. Less than 5 yrs.	None
25-1072	Nursing Instructors and Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	Less uidh 5 yrs.	None

Rockir	ngham Planning Commission					۷ ا				Long-term Occupati	onal Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	lool	Averag	e Annual O	penings		cupational Prep	
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>		Openings <sup>3</sup>	Education	Experience	Job Training
	Education Teachers, Postsecondary	n	n	n	n	O	n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
	Criminal Justice and Law Enforcement Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
	Social Work Teachers, Postsecondary	n	n	n	n		n	n		Doctoral/professional degree	None	None
	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
	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		Doctoral/professional degree	None	None
	Vocational Education Teachers, Postsecondary	103	141	38	36.9%	•	6	6		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	2,995	3,260	265	8.8%		100	137	263	Decicial, professional degree	110110	110110
	Preschool Teachers, Except Special Education	485	593	108	22.3%	•	22	31	64	Associate's degree	None	None
	Kindergarten Teachers, Except Special Education	93	99	6	6.5%	T	4	6	11	Bachelor's degree	None	None
	Elementary School Teachers, Except Special Education	855	908	53	6.2%		27	35	67	Bachelor's degree	None	None
	Middle School Teachers, Except Special and Career/Technical Education	487	516	29	6.0%		15	20	38	Bachelor's degree	None	None
	Career/Technical Education Teachers, Middle School	15	16	1	6.7%		0	1		Bachelor's degree	Less than 5 yrs.	None
	Secondary School Teachers, Except Special and Career/Technical Education	687	731	44	6.4%		19	29		Bachelor's degree	None	None
	Career/Technical Education Teachers, Secondary School	39	42	3	7.7%		1	2		Bachelor's degree	Less than 5 yrs.	None
-	Special Education Teachers, Preschool	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Special Education Teachers, Kindergarten and Elementary School	155	165	10	6.5%		5	6		Bachelor's degree	None	None
	Special Education Teachers, Middle School	66	70	4	6.1%		2	3	5	Bachelor's degree	None	None
	Special Education Teachers, Secondary School	85	90	5	5.9%		3	4	7	Bachelor's degree	None	None
	Special Education Teachers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Other Teachers and Instructors	474	553	79	16.7%		31	28	67	,		
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-3021	Self-Enrichment Education Teachers	192	244	52	27.1%	<b>^</b>	13	12	30	HS diploma /equivalent	Less than 5 yrs.	None
25-3031	Substitute Teachers, Short-Term	236	261	25	10.6%		15	13	30	Bachelor's degree	None	None
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	44	46	2	4.5%		3	2	5	Bachelor's degree	None	None
25-4000	Librarians, Curators, and Archivists	252	267	15	6.0%		16	13	31			
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	142	153	11	7.7%		7	6	14	Master's degree	None	None
25-4031	Library Technicians	93	93	0	0.0%		8	6	14	Postsec. non-degree award	None	None
25-9000	Other Education, Training, and Library Occupations	1,509	1,630	121	8.0%		71	73	156			
25-9031	Instructional Coordinators	50	54	4	8.0%		3	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	1,413	1,528	115	8.1%		66	69	147	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	1,471	1,629	158	10.7%		56	96	168			
27-1000	Art and Design Workers	806	814	8	1.0%		27	47	75			
27-1011	Art Directors	91	99	8	8.8%		5	5	11	Bachelor's degree	5 yrs.or more	None
	Craft Artists	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
	Multimedia Artists and Animators	n	n	n	n		n	n		Bachelor's degree	None	None
27-1019	Artists and Related Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
27-1021	Commercial and Industrial Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Fashion Designers	131	128	-3	-2.3%		4	8		Bachelor's degree	None	None
27-1023	Floral Designers	56	46	-10	-17.9%		2	3	4	HS diploma /equivalent	None	Moderate-term OJT
	Graphic Designers	251	271	20	8.0%		8	16		Bachelor's degree	None	None
	Interior Designers	81	80	-1	-1.2%		2	5		Bachelor's degree	None	None
	Merchandise Displayers and Window Trimmers	101	96	-5	-5.0%		3	6			None	Short-term OJT
	Set and Exhibit Designers	n	n	n	n	Ш	n	n		Bachelor's degree	None	None
27-2000	Entertainers and Performers, Sports and Related Workers	234	319	85	36.3%		14	20	42			

Rockingham Planning Commission					_				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc	2020	2030	Numeric	Percent	tloo	Averag	ge Annual O	penings		cupational Prep	
Code Occupation Title	Estimated	Projected	Change	Change	Out	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
27-2011 Actors	n	n	n	n		n	n	n	Some college, no degree	None	Long-term OJT
27-2011 Producers and Directors	34	45	11	32.4%		1	2	4	Bachelor's degree	Less than 5 yrs.	None
27-2022 Coaches and Scouts	108	165	57	52.8%	•	8	11	25	Bachelor's degree	None	None
27-2023 Umpires, Referees, and Other Sports Officials	n	n	n	n 32.070	T	n	n	n	HS diploma /equivalent	None	Moderate-term OJT
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	17	19	2	11.8%		1	1	2	Bachelor's degree	Less than 5 yrs.	None
27-2041 Musicians and Composers 27-2042 Musicians and Singers	53	54	1	1.9%		3	3	6	No formal education	None	Long-term OJT
27-2090 Miscellaneous Entertainers and Performers, Sports and Related Workers	-	n	· ·			n	<b>†</b>	n	No formal education	None	Short-term OJT
	n 328	367	n 39	n 11.9%		11	n 21	36	No formal education	None	Short-term OT
27-3000 Media and Communication Workers						4	10		Daabalada da saa	N	Mana
27-3031 Public Relations Specialists 27-3041 Editors	148 40	170 41	22 1	14.9% 2.5%	1	4 1	2	16 3	Bachelor's degree Bachelor's degree	None	None
	-	1					1	1	•	Less than 5 yrs.	None
	n 404	n 405	n 11	n 0.00/		n 5	n 7	n	Bachelor's degree	Less than 5 yrs.	Short-term OJT
27-3043 Writers and Authors	124	135	11	8.9%		-	,	13	Bachelor's degree	None	Long-term OJT
27-3099 Media and Communication Workers, All Other	n	n	n	n os cor		n	n	n	HS diploma /equivalent	None	Short-term OJT
27-4000 Media and Communication Equipment Workers	103	129	26	25.2%		4	8	15	D. J.	L.	Short Love 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
27-4014 Sound Engineering Technicians	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
27-4021 Photographers	28	32	4	14.3%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
27-4031 Camera Operators, Television, Video, and Motion Picture	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-4032 Film and Video Editors	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-4098 Lighting Technicians and Media and Communication Equipment Workers, All											
Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
29-0000 Healthcare Practitioners and Technical Occupations	5,673	6,516	843	14.9%		154	180	418			
29-1000 Health Diagnosing and Treating Practitioners	3,950	4,573	623	15.8%		101	102	265			
29-1011 Chiropractors	38	43	5	13.2%		1	0	1	Doctoral/professional degree	None	None
29-1021 Dentists, General	86	96	10	11.6%		2	1	4	Doctoral/professional degree	None	None
29-1022 Oral and Maxillofacial Surgeons	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1023 Orthodontists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1031 Dietitians and Nutritionists	56	67	11	19.6%		2	2	5	Bachelor's degree	None	Internship/residency
29-1041 Optometrists	50	55	5	10.0%		1	1	2	Doctoral/professional degree	None	None
29-1051 Pharmacists	156	153	-3	-1.9%		3	3	6	Doctoral/professional degree	None	None
29-1071 Physician Assistants	102	140	38	37.3%	<b>1</b>	2	5	11	Master's degree	None	None
29-1081 Podiatrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1122 Occupational Therapists	184	224	40	21.7%	•	4	7	15	Master's degree	None	None
29-1123 Physical Therapists	252	315	63	25.0%	•	6	6	18	Doctoral/professional degree	None	None
29-1124 Radiation Therapists	n	n	n	n		n	n	n	Associate's degree	None	None
29-1125 Recreational Therapists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1126 Respiratory Therapists	73	91	18	24.7%		2	2	6	Associate's degree	None	None
29-1127 Speech-Language Pathologists	138	177	39	28.3%	•	4	6	14	Master's degree	None	Internship/residency
29-1128 Exercise Physiologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1129 Therapists, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1131 Veterinarians	147	187	40		<b>^</b>	3	3	10	Doctoral/professional degree	None	None
29-1141 Registered Nurses	1,921	2,153	232	12.1%	787	54	51	128	Associate's degree	None	None
29-1151 Nurse Anesthetists	n	n	n	n 12.170		n	n	n	Master's degree	None	None
29-1161 Nurse Midwives	n	n	n	n		n	n	n	Master's degree	None	None
29-1171 Nurse Midwies 29-1171 Nurse Practitioners	119	192	73	1		3	5	15	Master's degree		
29-1771 Nurse Practitioners 29-1211 Anesthesiologists	n 119	192 n	n		1	n	n	n	Doctoral/professional degree	None None	None Internship/residency
29-1211 Ariestnestologists 29-1215 Family Medicine Physicians	104	112	8	n 7.7%		2	1	4	Doctoral/professional degree	None	
		1	-	<b>.</b>				ł	Doctoral/professional degree		Internship/residency
·	n	n	n	n		n	n	n	-	None	Internship/residency
29-1218 Obstetricians and Gynecologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1221 Pediatricians, General	n	n	n	n -		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1223 Psychiatrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency

Rocki	ngham Planning Commission					ᆇ				Long-term Occupat	ional Projecti	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Averag	e Annual O	oenings	Entry-Level Oc	cupational Prep	paration_
Code	Occupation Title	Estimated	Projected	Change	Change	ont	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Physicians, All Other; and Ophthalmologists, Except Pediatric	82	88	6	7.3%		1	1	3	Doctoral/professional degree	None	Internship/residency
	Surgeons, Except Ophthalmologists	30	28	-2	-6.7%		0	0	0	Doctoral/professional degree	None	Internship/residency
	Dental Hygienists	179	203	24	13.4%	•	7	5	14	Associate's degree	None	None
	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	39	46	7	17.9%		2	1	4	Master's degree	None	None
	Health Technologists and Technicians	1,604	1,804	200	12.5%		49	72	141	,		
	Clinical Laboratory Technologists and Technicians	71	79	8	11.3%		2	3	6	Bachelor's degree	None	None
	Cardiovascular Technologists and Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
	Diagnostic Medical Sonographers	39	47	8	20.5%		1	2	4	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	n	n	n	n		n	n	n	Associate's degree	None	None
	Radiologic Technologists	108	119	11	10.2%		3	5	9	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	n	n	n	n		n	n	n	Associate's degree	Less than 5 yrs.	None
29-2040	Emergency Medical Technicians and Paramedics	74	82	8	10.8%		1	4	6	Postsec. non-degree award	None	None
29-2051	Dietetic Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
29-2052	Pharmacy Technicians	132	139	7	5.3%		4	6	11	HS diploma /equivalent	None	Moderate-term OJT
29-2053	Psychiatric Technicians	n	n	n	n		n	n	n	Postsec. non-degree award	Less than 5 yrs.	Short-term OJT
29-2055	Surgical Technologists	85	95	10	11.8%		2	4	7	Postsec. non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	223	274	51	22.9%	1	7	11	23	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	n	n	n	n	1	n	n	n	Postsec. non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	336	379	43	12.8%		12	15	31	Postsec. non-degree award	None	None
29-2081	Opticians, Dispensing	53	58	5	9.4%		2	2	4	HS diploma /equivalent	None	Long-term OJT
29-2091	Orthotists and Prosthetists	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
	Hearing Aid Specialists	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and											
	Technicians, All Other	197	215	18	9.1%		6	9	17	Postsec. non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	119	139	20	16.8%		4	6	12			
	Athletic Trainers	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, &											
	Healthcare Practitioners, AO	93	109	16	17.2%		3	4	9	Postsec. non-degree award	None	None
	Healthcare Support Occupations	3,409	4,049	640	18.8%		216	230	510			
	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and											
	Psychiatric Aides	2,074	2,459	385	18.6%		145	128	311			
	Home Health and Personal Care Aides	787	1,042	255	32.4%	1	58	52	136	HS diploma /equivalent	None	Short-term OJT
	Nursing Assistants	1,163	1,283	120	10.3%		78	69	159	Postsec. non-degree award	None	None
	Orderlies	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	94	124	30	31.9%		5	8	16			
	Occupational Therapy Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
	Occupational Therapy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Physical Therapist Assistants Physical Therapist Aides	39 35	50 45	11 10	28.2% 28.6%		2	3	6	Associate's degree HS diploma /equivalent	None None	None
										ns dipiorna /equivalent	None	Short-term OJT
	Other Healthcare Support Occupations  Massage Therapists	1,241 339	1,466 401	225 62	18.1% 18.3%		66 22	93 19	181 47	Postsec non-degree award	None	None
	Dental Assistants	116	132	16	13.8%	<b>↑</b>	6	9	17	Postsec, non-degree award	None	None
	Medical Assistants	462	559	97	21.0%	<b>^</b>	21	38	69	Postsec. non-degree award Postsec. non-degree award	None	None
	Medical Equipment Preparers	402	45	5	12.5%	T	2	3	5	HS diploma /equivalent	None	Moderate-term OJT
	Medical Transcriptionists	n 40	n	n	n 12.576		n	n	n	Postsec. non-degree award	None	None
	Pharmacy Aides	n	n	n	n	H	n	n	n	HS diploma /equivalent	None	Short-term OJT
	Veterinary Assistants and Laboratory Animal Caretakers	67	83	16	23.9%	<b>1</b>	4	8	14	HS diploma /equivalent	None	Short-term OJT
	Phlebotomists	94	115	21	22.3%	<u>T</u>	4	8	14	Postsec. non-degree award	None	None
		<b>√</b> +										None
		98	112	14	14 3%		6	7	14	IHS diploma /equivalent	None	
31-9099	Healthcare Support Workers, All Other	98 2 158	112 2 398	14 240	14.3%	1	6 102	7 145	14 271	HS diploma /equivalent	None	Notice
31-9099 33-0000		98 2,158 209	2,398 229	14 240 20	14.3% 11.1% 9.6%	<b>↑</b>	6 102 6	7 145 10	14 271 18	HS diploma /equivalent	None	None

SOC Code         Occupation Title         Estimated Projected         Change Change         Percent Change         Average Annual Openings         Entry Education           33-1021         First-Line Supervisors of Fire Fighting and Prevention Workers         76         83         7         9.2%         2         3         6         Postsec. non-degree a 3-1090 Miscellaneous First-Line Supervisors, Protective Service Workers         34         38         4         11.8%         1         2         3         HS diploma /equivaler           33-2000         Fire Fighting and Prevention Workers         463         510         47         10.2%         11         25         41         Postsec. non-degree a 3-201 Fire fighters         458         505         47         10.3%         11         25         41         Postsec. non-degree a 46         33-2021 Fire Inspectors and Investigators         n	award Less than 5 yrs.  Less than 5 yrs.  award None award 5 yrs.or more  ent None Less than 5 yrs.	
Code         Occupation Title         Estimated         Projected         Change         Change         Exits¹         Transfers²         Openings³         Education           33-1021         First-Line Supervisors of Fire Fighting and Prevention Workers         76         83         7         9.2%         2         3         6         Postsec. non-degree a           33-1090         Miscellaneous First-Line Supervisors, Protective Service Workers         34         38         4         11.8%         1         2         3         HS diploma /equivaler           33-2000         Fire Fighting and Prevention Workers         463         510         47         10.2%         11         2         3         HS diploma /equivaler           33-2011         Fire Fighting and Prevention Workers         463         510         47         10.2%         11         2         3         HS diploma /equivaler           33-2011         Fire Fighting and Prevention Workers         458         505         47         10.3%         11         25         41         Postsec. non-degree a           33-2021         Fire Inspectors and Investigators         n         n         n         n         n         n         n         n         n         n         n         n	award Less than 5 yrs.  Less than 5 yrs.  award None award 5 yrs.or more  ent None Less than 5 yrs.	Moderate-term OJT None Long-term OJT Moderate-term OJT
33-1021 First-Line Supervisors of Fire Fighting and Prevention Workers  33-1090 Miscellaneous First-Line Supervisors, Protective Service Workers  34 38 4 11.8% 1 2 3 HS diploma /equivaler  33-2000 Fire Fighting and Prevention Workers  463 510 47 10.2% 11 25 41  33-2011 Firefighters  458 505 47 10.3% 11 25 41 Postsec. non-degree a  33-2021 Fire Inspectors and Investigators  n n n n n n n n n n Postsec. non-degree a  33-3000 Law Enforcement Workers  578 631 53 9.2% 16 30 51  33-3011 Bailiffs  18 18 0 0.0% 1 1 2 HS diploma /equivaler  33-3021 Detectives and Criminal Investigators  60 63 3 5.0% 2 3 5 HS diploma /equivaler  33-3041 Parking Enforcement Workers  n n n n n n n n n n HS diploma /equivaler  33-3051 Police and Sheriff's Patrol Officers  494 545 51 10.3% 13 26 44 HS diploma /equivaler  33-9000 Other Protective Service Workers  13 14 1 7.7% 0 1 1 HS diploma /equivaler	award Less than 5 yrs.  Less than 5 yrs.  award None award 5 yrs.or more  ent None Less than 5 yrs.	Moderate-term OJT None Long-term OJT Moderate-term OJT
33-1090       Miscellaneous First-Line Supervisors, Protective Service Workers       34       38       4       11.8%       1       2       3       H5 diploma /equivaler         33-2000       Fire Fighting and Prevention Workers       463       510       47       10.2%       11       25       41         33-2011       Firefighters       458       505       47       10.3%       11       25       41       Postsec. non-degree a         33-2021       Fire Inspectors and Investigators       n	award None award 5 yrs.or more ent None Less than 5 yrs.	None  Long-term OJT  Moderate-term OJT
33-2000 Fire Fighting and Prevention Workers         463         510         47         10.2%         11         25         41           33-2011 Firefighters         458         505         47         10.3%         11         25         41         Postsec. non-degree a           33-2021 Fire Inspectors and Investigators         n	award None award 5 yrs.or more ent None Less than 5 yrs.	Long-term OJT  Moderate-term OJT
33-2011   Firefighters   458   505   47   10.3%   11   25   41   Postsec. non-degree a   33-2021   Fire Inspectors and Investigators   n   n   n   n   n   n   n   n   n	award 5 yrs.or more ent None Less than 5 yrs.	Moderate-term OJT
33-2021         Fire Inspectors and Investigators         n	award 5 yrs.or more ent None Less than 5 yrs.	Moderate-term OJT
33-3000         Law Enforcement Workers         578         631         53         9.2%         16         30         51           33-3011         Bailiffs         18         18         0         0.0%         1         1         2         HS diploma /equivaler           33-3021         Detectives and Criminal Investigators         60         63         3         5.0%         2         3         5         HS diploma /equivaler           33-3041         Parking Enforcement Workers         n <td>ent None ent Less than 5 yrs.</td> <td></td>	ent None ent Less than 5 yrs.	
33-3011     Bailiffs     18     18     0     0.0%     1     1     2     HS diploma /equivaler       33-3021     Detectives and Criminal Investigators     60     63     3     5.0%     2     3     5     HS diploma /equivaler       33-3041     Parking Enforcement Workers     n<	ent Less than 5 yrs.	Moderate-term OJT
33-3021         Detectives and Criminal Investigators         60         63         3         5.0%         2         3         5         HS diploma /equivaler           33-3041         Parking Enforcement Workers         n <td>ent Less than 5 yrs.</td> <td></td>	ent Less than 5 yrs.	
33-3041         Parking Enforcement Workers         n         13         26         44		
33-3051 Police and Sheriff's Patrol Officers     494     545     51     10.3%     13     26     44     HS diploma /equivaler       33-9000 Other Protective Service Workers     908     1,028     120     13.2%     70     80     162       33-9011 Animal Control Workers     13     14     1     7.7%     0     1     1     HS diploma /equivaler		Short-term OJT
33-9000         Other Protective Service Workers         908         1,028         120         13.2%         70         80         162           33-9011         Animal Control Workers         13         14         1         7.7%         0         1         1         HS diploma /equivaler	ent None	Moderate-term OJT
33-9011 Animal Control Workers 13 14 1 7.7% 0 1 1 HS diploma /equivaler		
	ent None	Moderate-term OJT
33-9021 Private Detectives and Investigators 26 28 2 7.7% 1 1 2 3 HS diploma /equivaler		Moderate-term OJT
33-9032 Security Guards 658 747 89 13.5% 🛊 37 54 100 HS diploma /equivaler		Short-term OJT
33-9091 Crossing Guards 28 32 4 14.3% 4 2 6 No formal education	None	Short-term OJT
33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers 65 72 7 10.8% 9 8 18 No formal education	None	Short-term OJT
33-9098 School Bus Monitors and Protective Service Workers, All Other 118 135 17 14.4% 🛕 17 14 33 HS diploma /equivaler	ent None	Short-term OJT
35-0000 Food Preparation and Serving Related Occupations 9,295 11,320 2,025 21.8% 762 1,055 2,019		
35-1000 Supervisors of Food Preparation and Serving Workers 786 959 173 22.0% 36 88 141		
35-1011 Chefs and Head Cooks 144 184 40 27.8% • 5 16 25 HS diploma /equivaler	ent 5 yrs.or more	None
35-1012 First-Line Supervisors of Food Preparation and Serving Workers 642 775 133 20.7% 🐧 32 72 117 HS diploma /equivaler	ent Less than 5 yrs.	None
35-2000 Cooks and Food Preparation Workers 2,413 2,988 575 23.8% 168 234 460		
35-2011 Cooks, Fast Food 159 157 -2 -1.3% 9 14 23 No formal education	None	Short-term OJT
35-2012 Cooks, Institution and Cafeteria 195 214 19 9.7% 12 18 32 No formal education	None	Short-term OJT
35-2013 Cooks, Private Household 27 27 0 0.0% 2 2 4 Postsec. non-degree a	award Less than 5 yrs.	None
35-2014 Cooks, Restaurant 899 1,353 454 50.5% 🛕 66 96 207 No formal education	Less than 5 yrs.	Moderate-term OJT
35-2015 Cooks, Short Order 714 778 64 9.0% 44 64 114 No formal education	None	Short-term OJT
35-2021 Food Preparation Workers 419 459 40 9.5% 34 40 78 No formal education	None	Short-term OJT
35-3000 Food and Beverage Serving Workers 4,979 5,968 989 19.9% 440 614 1,153		
35-3011 Bartenders 831 1,110 279 33.6% 🛊 44 118 190 No formal education	None	Short-term OJT
35-3023 Fast Food and Counter Workers 2,574 2,969 395 15.3% 🛊 269 293 602 No formal education	None	Short-term OJT
35-3031 Waiters and Waitresses 1,490 1,795 305 20.5% 🛊 121 196 347 No formal education	None	Short-term OJT
35-3041   Food Servers, Nonrestaurant   84   94   10   11.9%   7   7   15   No formal education	None	Short-term OJT
35-9000 Other Food Preparation and Serving Related Workers 1,117 1,405 288 25.8% 118 119 266		
35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers 422 545 123 29.1% 🛊 42 42 96 No formal education	None	Short-term OJT
35-9021 Dishwashers 315 379 64 20.3% ♠ 26 29 61 No formal education	None	Short-term OJT
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop 358 452 94 26.3% 🛊 48 46 103 No formal education	None	Short-term OJT
35-9099 Food Preparation and Serving Related Workers, All Other 22 29 7 31.8% 2 2 5 No formal education	None	Short-term OJT
37-0000 Building and Grounds Cleaning and Maintenance Occupations 3,690 4,027 337 9.1% 208 289 531		
37-1000 Supervisors of Building and Grounds Cleaning and Maintenance Workers 348 371 23 6.6% 13 25 40		
37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers 130 140 10 7.7% 6 9 16 HS diploma /equivaler	ent Less than 5 yrs.	None
37-1012 First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping		
Workers         218         231         13         6.0%         7         16         24         HS diploma /equivalen	nt Less than 5 yrs.	None
37-2000 Building Cleaning and Pest Control Workers 2,158 2,350 192 8.9% 142 157 318		
37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners 1,268 1,378 110 8.7% 83 93 187 No formal education	None	Short-term OJT
37-2012 Maids and Housekeeping Cleaners 764 834 70 9.2% 54 51 112 No formal education	None	Short-term OJT
37-2019 Building Cleaning Workers, All Other n n n n n No formal education		Short-term OJT
37-2021 Pest Control Workers 94 105 11 11.7% 3 10 14 HS diploma /equivaler	ent None	Moderate-term OJT
37-3000 Grounds Maintenance Workers 1,184 1,306 122 10.3% 54 107 173		
37-3011 Landscaping and Groundskeeping Workers 1,025 1,133 108 10.5% 46 92 149 No formal education		Short-term OJT
37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation 53 59 6 11.3% 2 5 8 HS diploma /equivaler		Moderate-term OJT
37-3013 Tree Trimmers and Pruners  n n n n h HS diploma /equivaler		Short-term OJT
37-3019 Grounds Maintenance Workers, All Other n n n n n No formal education	None	Short-term OJT

Rocki	ngham Planning Commission									Long-term Occupat	ional Projection	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Averag	e Annual Op	penings		ccupational Prep	
Code	Occupation Title	Estimated	Projected	Change	Change	ᆵ	Exits <sup>1</sup>	Transfers <sup>2</sup>		Education	Experience	Job Training
39-0000	Personal Care and Service Occupations	3,196	4,046	850	26.6%		215	277	577	Eddedion	Experience	Job Hulling
39-0000	Supervisors of Personal Care and Service Workers	175	224	49	28.0%		7	14	26			
39-1000	First-Line Supervisors of Gambling Services Workers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
	First-Line Supervisors of Personal Service & Entertainment and Recreation		"		- "			"		113 dipionia / Equivalent	Less than 5 yrs.	IVOIIC
	Workers, Exc Gambling Services	164	210	46	28.0%	•	7	13	25	HS diploma /equivalent	Less than 5 yrs.	None
39-2000	Animal Care and Service Workers	253	359	106	41.9%		19	25	55	rio dipionia / oquivalorit	Less than 5 yes	
	Animal Trainers	22	27	5	22.7%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
39-2021	Nonfarm Animal Caretakers	231	332	101	43.7%	•	18	23	51	HS diploma /equivalent	None	Short-term OJT
39-3000	Entertainment Attendants and Related Workers	264	350	86	32.6%		27	32	68	7.4		
39-3011	Gaming Dealers	75	95	20	26.7%	<b>1</b>	5	8	15	HS diploma /equivalent	None	Short-term OJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
39-3091	Amusement and Recreation Attendants	167	230	63	37.7%	<b>1</b>	19	22	47	No formal education	None	Short-term OJT
39-3092	Costume Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
39-4000	Funeral Service Workers	24	24	0	0.0%		1	2	3			
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	984	1,222	238	24.2%		56	61	141			
39-5011	Barbers	124	140	16	12.9%		5	8	15	Postsec. non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	629	775	146	23.2%	•	37	39	91	Postsec. non-degree award	None	None
39-5092	Manicurists and Pedicurists	198	267	69	34.8%	•	12	12	31	Postsec. non-degree award	None	None
39-5093	Shampooers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
39-5094	Skincare Specialists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	10	13	3	30.0%		1	1	2			
	Baggage Porters and Bellhops	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
39-6012	Concierges	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
39-7000	Tour and Travel Guides	56	78	22	39.3%		4	6	12			
39-7010	Tour and Travel Guides	56	78	22	39.3%	1	4	6	12	HS diploma /equivalent	None	Moderate-term OJT
39-9000	Other Personal Care and Service Workers	1,430	1,776	346	24.2%		99	136	270			
39-9011	Childcare Workers	597	645	48	8.0%		42	43	90	HS diploma /equivalent	None	Short-term OJT
39-9031	Fitness Trainers and Aerobics Instructors	551	796	245	44.5%	1	39	64	127	HS diploma /equivalent	None	Short-term OJT
39-9032	Recreation Workers	268	320	52	19.4%	1	17	28	50	HS diploma /equivalent	None	Short-term OJT
39-9041	Residential Advisors	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
39-9098	Crematory Operators and Personal Care and Service Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
41-0000	Sales and Related Occupations	16,646	16,329	-317	-1.9%		895	1,341	2,204			
41-1000	Supervisors of Sales Workers	2,276	2,164	-112	-4.9%		75	149	213			
	First-Line Supervisors of Retail Sales Workers	1,754	1,661	-93	-5.3%		60	118	169	HS diploma /equivalent	Less than 5 yrs.	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	522	503	-19	-3.6%		15	30	43	HS diploma /equivalent	Less than 5 yrs.	None
41-2000	Retail Sales Workers	10,347	9,897	-450	-4.3%		695	890	1,540	No formal advantage	N	Chart Lance OIT
41-2011	Cashiers	4,873	4,468	-405	-8.3%		397	447	804	No formal education	None	Short-term OJT
41-2012	Gaming Change Persons and Booth Cashiers	n 439	n 482	n 43	n 9.8%	$\vdash \vdash$	21	n 32	n 57	No formal education	None	Short-term OJT
41-2021 41-2022	Counter and Rental Clerks Parts Salespersons	439 152	482 167	43 15	9.8%	$\vdash$	7	12	21	No formal education  No formal education	None None	Short-term OJT Moderate-term OJT
		4,875	4,770	-105	-2.2%		270	398	658			+
	Retail Salespersons Sales Representatives. Services	1.830	1.967	137	7.5%		51	398 144	209	No formal education	None	Short-term OJT
	Sales Representatives, Services Advertising Sales Agents	,	1,967 n	137 n			51 n	144 n		HS diploma /equivalent	None	Moderate-term OJT
	Insurance Sales Agents	n 383	397	14	n 3.7%	$\vdash$	13	22	n 36	HS diploma /equivalent	None	Moderate-term OJT
	Securities, Commodities, and Financial Services Sales Agents	369	405	36	9.8%	$\vdash$	9	24	37	Bachelor's degree	None	Moderate-term OJT
	Travel Agents	n	405 n	n	9.6% n	$\vdash$	n 9	n Z4	n	HS diploma /equivalent	None	Moderate-term OJT
	Sales Representatives of Services, Except Advertising, Insurance, Financial	- 11	"	11	- 11	$\vdash$		11	11	no dipionia /equivalent	140116	INIOGETALE-LETTH OJT
3001	Services, and Travel	1,008	1,094	86	8.5%		26	92	127	HS diploma /equivalent	None	Moderate-term OJT
41-4000	Sales Representatives, Wholesale and Manufacturing	1,646	1,765	119	7.2%		50	115	177	no dipiorna /equivalent	IAOHE	Wioderate-term Out
	Sales Representatives, Wholesale and Manufacturing  Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	1,040	1,705	118	1.270		50	110	177			
	Products	344	388	44	12.8%		11	25	40	Bachelor's degree	None	Moderate-term OJT
		U-1-T	550		12.070				-10		. 10110	

Code     Code	Rock	ingham Planning Commission									Long-term Occupat	ional Projection	ons, 2020 to 2030
Company   Comp	soc		2020	2030	Numeric	Percent		Averag	e Annual O	oenings			
14-002   Seche Representations, Windowski Manufacturing, Europh Technical and Sechelid Producted   1,322   1,377   73   5,1%   4   50   138   158	Code	Occupation Title	Estimated	Proiected	Change	Change 5	3	Fxits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
Septime Products				,				LAICS	Transiers	Оренніво			
Memory			1 302	1 377	75	5.8%		40	90	138	HS diploma /equivalent	None	Moderate-term O.IT
## 14901   December   Province   #   Province   #   Province   Pr	41-9000	Other Sales and Related Workers									rio dipionia rodantaloni	TTOTIC	moderate term out
14.000  Models							_				No formal education	None	Short-term OJT
14.000    Basel Estate Bisharen   66				1		l							
March   Marc													
Al-9501   Sober Engineers													
Hospital		,											
14-9900   Sales and Patiented Violente, All Chree   100									20		•		
												1	
Supervision of Office and Administrative Support Worksons											and the second of the second		
										,			
		,									HS diploma /equivalent	Less than 5 yrs.	None
38-2016   Switchbard Operators, Incuding Answering Service   38-2   28-5   38-2   28-5   38-6   38-2   38-5   38-6   3				· ·						_	orposition / expansions	1	
											HS diploma /equivalent	None	Short-term OJT
18-3911   Sill and Account Collectors											orposition / expansions		
43-3021   Billing and Posting Clerks   437   4487   51   3.2%   20   29   51   15 diploma /equivalent   None   Moderate-term OIT   43-3051   Brokeveging, Accounting, and Auditing Clerks   1.50   1				,							HS diploma /equivalent	None	Moderate-term OIT
43-9351   Byording Clerks   1-304   1-307   3   0.2%   7-6   67   1-43   Some college, no degree   None   Moderate-term DT													
43-936  Payroll and Timekeeping Clerks   165   152   -13   .79%   .79							+				·		
49   49   49   70   70   70   70   70   70   70   7							+				• •		
43-3079											' '		
143-9399   Financial Clerks, All Other		-						10			· ' '		
			ł			<b>.</b>							
43-4011   Brokerage Clerks   n   n   n   n   n   n   n   n   n		·									ris dipionia / equivalent	ITOILO	Short term our
43-4021   Correspondence Cierks										-	HS dinloma /equivalent	None	Moderate-term OIT
43-4031   Court, Municipal, and License Clerks		•	1	1		<b>.</b>							
43-4041   Credit Authorizers, Checkers, and Clerks		·	1										
43-4051   Customer Service Representatives   2.087   2.022   4-5   7.296   9-6   161   2.53   H5 diploma /equivalent   None   Short-term OIT		• •		1									
43-4061 Eligibility Interviewers, Government Programs  84 97 13 15.5%    13 15.5%    13 15.5%    14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· · · ·											
43-4071 File Clerks    No.				· · · · · · · · · · · · · · · · · · ·									
43-4081 Hotel, Motel, and Resort Desk Clerks  182				1				-					
148   110											·		
43-4121 Library Assistants, Clerical													
43-4131   Loan Interviewers and Clerks   187   190   3   1.6%   5   11   16   HS diploma /equivalent   None   Short-term OJT											·		
43-4141         New Accounts Clerks         59         50         -9         -15.3%         L         2         3         4         HS diploma /equivalent         None         Moderate-term OIT           43-4151         Order Clerks         91         78         -13         -14.3%         4         5         8         Some college, no degree         None         Short-term OIT           43-4161         Human Resources Assistants, Except Payroll and Timekeeping         100         99         -1         -1.0%         4         6         6         10         Associate's degree         None         Short-term OIT           43-4171         Receptionists and Information Clerks         715         766         51         7.1%         41         51         97         HS diploma /equivalent         None         Short-term OIT           43-4181         Reservation and Transportation Ticket Agents and Travel Clerks         n													
43-4151 Order Clerks 43-4161 Human Resources Assistants, Except Payroll and Timekeeping 43-4161 Human Resources Assistants, Except Payroll and Timekeeping 43-4171 Reservation and Transportation Ticket Agents and Travel Clerks 43-4171 Reservation and Transportation Ticket Agents and Travel Clerks 43-4181 Reservation and Transportation Ticket Agents and Travel Clerks 43-4181 Reservation and Record Clerks, All Other 43-4191 Information and Record Clerks, All Other 43-4192 Information and Record Clerks, All Other 43-500 Material Recording, Scheduling, Dispatching, and Distributing Workers 43-501 Couriers and Messengers 43-501 Couriers and Messengers 43-502 Couriers and Messengers 43-503 Police, Fire, and Ambulance Dispatchers 43-504 Neter Readers, Utilities 43-504 Neter Readers, Utilities 43-505 Postal Service Clerks 43-506 Postal Service Clerks 43-507 Spital Reservice Mail Corriers, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, and Processing Machine Operators 43-508 Postal Service Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers, Processors, and Processing Machine Operators 43-507 Spital Reservice Mail Corriers 43-507 Spital Reservice Mail Corriers 43-508 Production, Planning, and Expediting Clerks 43-508 Production, Plan													
43-4161         Human Resources Assistants, Except Payroll and Timekeeping         100         99         -1         -1.0%         V         4         6         10         Associate's degree         None         None           43-4171         Receptionists and Information Clerks         715         766         51         7.1%         V         41         51         97         H5 diploma/equivalent         None         Short-term OJT           43-4181         Reservation and Transportation Ticket Agents and Travel Clerks         n													
43-4171 Receptionists and Information Clerks  715 766 51 7.1% 41 51 97 HS diploma /equivalent None Short-term OJT 43-4181 Reservation and Transportation Ticket Agents and Travel Clerks  715 766 51 7.1% 41 51 97 HS diploma /equivalent None Short-term OJT 43-4191 Information and Record Clerks, All Other 50 53 3 6.0% 2 3 5 HS diploma /equivalent None Short-term OJT 43-4199 Information and Record Clerks, All Other 50 53 3 6.0% 2 2 3 5 HS diploma /equivalent None Short-term OJT 43-5001 Raderial Recording, Scheduling, Dispatching, and Distributing Workers 17,51 1,711 4-40 -2-3% 64 96 156   715 17,11 4-40 17 17 17 17 17 17 17 17 17 17 17 17 17												1	
43-4181 Reservation and Transportation Ticket Agents and Travel Clerks													
43-4199 Information and Record Clerks, All Other  43-5000 Material Recording, Scheduling, Dispatching, and Distributing Workers  1,751 1,711 -40 -2.3% 3 6.0% 43-5011 Cargo and Freight Agents 43-5021 Couriers and Messengers  n n n n n n n n n HS diploma /equivalent None Short-term OJT  43-5021 Couriers and Messengers  n n n n n n n n n HS diploma /equivalent None Short-term OJT  43-5031 Police, Fire, and Ambulance Dispatchers Police, Fire, and Ambulance Police, Fire, and Amb		'									·		
43-5000 Material Recording, Scheduling, Dispatching, and Distributing Workers  1,751 1,711 40 2-2.3% 64 96 156  1,751 1,							+						
43-5011 Cargo and Freight Agents		,									ris dipionia / equivalent	Itolio	Short term our
43-5021 Couriers and Messengers  n n n n n n n n n h Sdiploma /equivalent None Short-term OJT  43-5031 Police, Fire, and Ambulance Dispatchers  76 84 8 10.5% 3 4 8 HS diploma /equivalent None Moderate-term OJT  43-5032 Dispatchers, Except Police, Fire, and Ambulance  76 83 7 9.2% 3 4 8 HS diploma /equivalent None Moderate-term OJT  43-5041 Meter Readers, Utilities  78 85 67 -18 -21.2% 4 3 5 HS diploma /equivalent None Short-term OJT  43-5052 Postal Service Clerks  85 67 -18 -21.2% 4 3 5 HS diploma /equivalent None Short-term OJT  43-5053 Postal Service Mail Carriers  85 67 -18 -21.5% 8 8 8 11 HS diploma /equivalent None Short-term OJT  43-5054 Service Mail Sorters, Processors, and Processing Machine Operators  85 0 293 33 12.7% 10 18 31 HS diploma /equivalent None Short-term OJT  43-5075 Shipping, Receiving, and Traffic Clerks  797 761 -36 -4.5% 28 46 70 HS diploma /equivalent None Short-term OJT											HS dinloma /equivalent	None	Short-term OIT
43-5031 Police, Fire, and Ambulance Dispatchers  76 84 8 10.5% 3 4 8 HS diploma /equivalent None Moderate-term OJT  43-5032 Dispatchers, Except Police, Fire, and Ambulance  76 83 7 9.2% 3 4 8 HS diploma /equivalent None Moderate-term OJT  43-5041 Meter Readers, Utilities  78 70 9.2% 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 0					+				·		
43-5032 Dispatchers, Except Police, Fire, and Ambulance 76 83 7 9.2% 3 4 8 HS diploma /equivalent None Moderate-term OJT 43-5041 Meter Readers, Utilities n n n n n n n n HS diploma /equivalent None Short-term OJT 43-5051 Postal Service Clerks 85 67 -18 -21.2% 4 3 5 HS diploma /equivalent None Short-term OJT 43-5052 Postal Service Mail Carriers 247 194 -53 -21.5% 8 8 11 HS diploma /equivalent None Short-term OJT 43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators n n n n n n n n HS diploma /equivalent None Short-term OJT 43-5061 Production, Planning, and Expediting Clerks 260 293 33 12.7% 10 18 31 HS diploma /equivalent None Moderate-term OJT 43-5071 Shipping, Receiving, and Traffic Clerks 797 761 -36 -4.5% 28 46 70 HS diploma /equivalent None Short-term OJT		· ·			- ''								
43-5041 Meter Readers, Utilities n n n n n n n n n n n n n n n n n n n							+				·		
43-5051       Postal Service Clerks       85       67       -18       -21.2%       4       3       5       HS diploma /equivalent       None       Short-term OJT         43-5052       Postal Service Mail Carriers       247       194       -53       -21.5%       8       8       11       HS diploma /equivalent       None       Short-term OJT         43-5053       Postal Service Mail Sorters, Processors, and Processing Machine Operators       n					-		1						
43-5052 Postal Service Mail Carriers  247 194 -53 -21.5% 8 8 11 HS diploma /equivalent None Short-term OJT  43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators n n n n n n n n HS diploma /equivalent None Short-term OJT  43-5061 Production, Planning, and Expediting Clerks  260 293 33 12.7% 10 18 31 HS diploma /equivalent None Moderate-term OJT  43-5071 Shipping, Receiving, and Traffic Clerks  797 761 -36 -4.5% 28 46 70 HS diploma /equivalent None Short-term OJT							+						
43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators n n n n n n n n h Sdiploma /equivalent None Short-term OJT 43-5061 Production, Planning, and Expediting Clerks 260 293 33 12.7% 10 18 31 HS diploma /equivalent None Moderate-term OJT 43-5071 Shipping, Receiving, and Traffic Clerks 797 761 -36 -4.5% 28 46 70 HS diploma /equivalent None Short-term OJT							+						
43-5061         Production, Planning, and Expediting Clerks         260         293         33         12.7%         10         18         31         HS diploma /equivalent         None         Moderate-term OJT           43-5071         Shipping, Receiving, and Traffic Clerks         797         761         -36         -4.5%         28         46         70         HS diploma /equivalent         None         Short-term OJT			ł			<b>.</b>	+						
43-5071 Shipping, Receiving, and Traffic Clerks 797 761 -36 -4.5% 28 46 70 HS diploma /equivalent None Short-term OJT				1			+						
		7 07 1 0	1	1			+						
	43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	61	72	11	18.0%	+	2	4	7	HS diploma /equivalent	None	Short-term OJT

Rocki	ngham Planning Commission					~				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	tloo	Averag	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration_
Code	Occupation Title	Estimated	Projected	Change	Change	or	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
43-6000	Secretaries and Administrative Assistants	2,684	2,628	-56	-2.1%		135	148	277			
43-6011	Executive Secretaries and Executive Administrative Assistants	247	206	-41	-16.6%		12	13	21	HS diploma /equivalent	Less than 5 yrs.	None
43-6012	Legal Secretaries	135	113	-22	-16.3%		6	7	11	HS diploma /equivalent	None	Moderate-term OJT
43-6013	Medical Secretaries	695	784	89	12.8%		38	41	88	HS diploma /equivalent	None	Moderate-term OJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive									, , , , , , , , , , , , , , , , , , , ,		
		1,607	1,525	-82	-5.1%		80	87	159	HS diploma /equivalent	None	Short-term OJT
43-9000	Other Office and Administrative Support Workers	3,438	3,439	1	0.0%		181	206	387	· ·		
43-9021	Data Entry Keyers	212	167	-45	-21.2%		8	12	16	HS diploma /equivalent	None	Short-term OJT
43-9022	Word Processors and Typists	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-9041	Insurance Claims and Policy Processing Clerks	139	135	-4	-2.9%		5	8	13	HS diploma /equivalent	None	Moderate-term OJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	36	33	-3	-8.3%		2	2	4	HS diploma /equivalent	None	Short-term OJT
43-9061	Office Clerks, General	2,819	2,857	38	1.3%		155	168	327	HS diploma /equivalent	None	Short-term OJT
43-9071	Office Machine Operators, Except Computer	86	82	-4	-4.7%		4	5	9	HS diploma /equivalent	None	Short-term OJT
43-9081	Proofreaders and Copy Markers	n	n	n	n		n	n	n	Bachelor's degree	None	None
43-9111	Statistical Assistants	n	n	n	n		n	n	n	Bachelor's degree	None	None
43-9199	Office and Administrative Support Workers, All Other	133	151	18	13.5%	<b>↑</b>	6	10	18	HS diploma /equivalent	None	Short-term OJT
45-0000	Farming, Fishing, and Forestry Occupations	406	431	25	6.2%		18	47	67			
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	29	31	2	6.9%		1	3	4			
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
45-2000	Agricultural Workers	358	381	23	6.4%		16	42	60			
45-2021	Animal Breeders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
45-2041	Graders and Sorters, Agricultural Products	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
45-2091	Agricultural Equipment Operators	19	23	4	21.1%		1	2	3	No formal education	None	Moderate-term OJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	283	293	10	3.5%		12	33	46	No formal education	None	Short-term OJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	51	59	8	15.7%		2	6	9	No formal education	None	Short-term OJT
45-2099	Agricultural Workers, All Other	0	1	1	#DIV/0!		0	0	0	No formal education	None	Short-term OJT
45-3000	Fishing and Hunting Workers	n	n	n	n		n	n	n			
45-3031	Fishing and Hunting Workers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
45-4000	Forest, Conservation, and Logging Workers	n	n	n	n		n	n	n			
45-4022	Logging Equipment Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-0000	Construction and Extraction Occupations	3,632	3,991	359	9.9%		115	261	412			
47-1000	Supervisors of Construction and Extraction Workers	418	463	45	10.8%		12	28	44			
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	418	463	45	10.8%		12	28	44	HS diploma /equivalent	5 yrs.or more	None
47-2000	Construction Trades Workers	2,636	2,900	264	10.0%		81	188	295			
47-2021	Brickmasons and Blockmasons	61	62	1	1.6%		2	4	6	HS diploma /equivalent	None	Apprenticeship
47-2031	Carpenters	658	700	42	6.4%		20	42	66	HS diploma /equivalent	None	Apprenticeship
47-2041	Carpet Installers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-2044	Tile and Marble Setters	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
47-2051	Cement Masons and Concrete Finishers	34	35	1	2.9%		1	2	3	No formal education	None	Moderate-term OJT
47-2061	Construction Laborers	464	519	55	11.9%		14	33	53	No formal education	None	Short-term OJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-2073	Operating Engineers and Other Construction Equipment Operators	235	259	24	10.2%		8	18	28	HS diploma /equivalent	None	Moderate-term OJT
47-2081	Drywall and Ceiling Tile Installers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-2082		n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
	Electricians	562	643	81		1	18	44	70	HS diploma /equivalent	None	Apprenticeship
47-2121	Glaziers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-2141	Painters, Construction and Maintenance	86	97	11	12.8%		3	5	9	No formal education	None	Moderate-term OJT
47-2151	Pipelayers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-2152	Plumbers, Pipefitters, and Steamfitters	310	339	29	9.4%		10	23	36	HS diploma /equivalent	None	Apprenticeship
47-2181	Roofers	n	n o=	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-2211	Sheet Metal Workers	79	85	6	7.6%	_	2	5	8	HS diploma /equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship

Rocki	ngham Planning Commission					~				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	Outloo	Averag	ge Annual O	penings	Entry-Level O	ccupational Prep	aration_
Code	Occupation Title	Estimated	Projected	Change	Change	ort	Exits <sup>1</sup>	Transfers <sup>2</sup>	Onenings <sup>3</sup>	Education	Experience	Job Training
47-3000	Helpers, Construction Trades	107	116	9	8.4%		3	10	14	Eddedion	Experience	Job Training
47-3000	HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	107	110	9	0.4 /0			10	14			
	From Brown accord, Broskin accord, etc. 100 and 110 and 110 accord	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-3012	HelpersCarpenters	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-3012	HelpersElectricians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
47-3015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
47-3019	Helpers, Construction Trades, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-4000	Other Construction and Related Workers	396	429	33	8.3%		16	28	47	Tro Torrian Caddation	1100	Short term out
47-4011	Construction and Building Inspectors	56	53	-3	-5.4%		3	3	6	HS diploma /equivalent	5 yrs.or more	Moderate-term OJT
47-4031	Fence Erectors	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-4041	Hazardous Materials Removal Workers	69	82	13	18.8%	•	3	6	10	HS diploma /equivalent	None	Moderate-term OJT
47-4051	Highway Maintenance Workers	197	213	16	8.1%		8	13	23	HS diploma /equivalent	None	Moderate-term OJT
	Rail-Track Laying and Maintenance Equipment Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-4090	Miscellaneous Construction and Related Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-5000	Extraction Workers	75	83	8	10.7%		2	7	10			
47-5022	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
47-5081	HelpersExtraction Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling									, ,		
	Experts, and Blasters	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Long-term OJT
49-0000	Installation, Maintenance, and Repair Occupations	4,200	4,605	405	9.6%		137	283	460		,	Ü
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	329	365	36	10.9%		10	21	35			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	329	365	36	10.9%		10	21	35	HS diploma /equivalent	Less than 5 yrs.	None
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	374	382	8	2.1%		11	28	40		·	
49-2011	Computer, Automated Teller, and Office Machine Repairers	160	159	-1	-0.6%		5	12	17	Some college, no degree	None	Short-term OJT
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	107	106	-1	-0.9%		4	8	12	Postsec. non-degree award	None	Moderate-term OJT
49-2091	Avionics Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	32	35	3	9.4%		1	2	3	Postsec. non-degree award	None	Long-term OJT
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
49-2098	Security and Fire Alarm Systems Installers	52	61	9	17.3%		1	4	6	HS diploma /equivalent	None	Moderate-term OJT
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	1,355	1,450	95	7.0%		43	95	148			
49-3011	Aircraft Mechanics and Service Technicians	53	54	1	1.9%		2	3	5	Postsec. non-degree award	None	None
49-3021	Automotive Body and Related Repairers	87	92	5	5.7%		3	5	8	HS diploma /equivalent	None	Long-term OJT
49-3022	Automotive Glass Installers and Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-3023	Automotive Service Technicians and Mechanics	669	695	26	3.9%		20	46	69	Postsec. non-degree award	None	Short-term OJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	220	244	24	10.9%		7	14	23	HS diploma /equivalent	None	Long-term OJT
49-3041	Farm Equipment Mechanics and Service Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	34	38	4	11.8%		1	2	3	HS diploma /equivalent	None	Long-term OJT
49-3051	Motorboat Mechanics and Service Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-3052	Motorcycle Mechanics	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
	Outdoor Power Equipment and Other Small Engine Mechanics	48	55	7	14.6%		2	3	6	HS diploma /equivalent	None	Moderate-term OJT
49-3091	Bicycle Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-3092	Recreational Vehicle Service Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-3093	Tire Repairers and Changers	105	112	7	6.7%		3	9	13	HS diploma /equivalent	None	Short-term OJT
49-9000	Other Installation, Maintenance, and Repair Occupations	2,142	2,408	266	12.4%		72	140	239			
	Mechanical Door Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	515	563	48	9.3%		14	37	56	Postsec. non-degree award	None	Long-term OJT
49-9031	Home Appliance Repairers	30	29	-1	-3.3%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
49-9041	Industrial Machinery Mechanics	294	357	63	21.4%	•	10	18	34	HS diploma /equivalent	None	Long-term OJT
	Maintenance Workers, Machinery	65	77	12	18.5%		2	4	7	HS diploma /equivalent	None	Long-term OJT

Rockingham Planning Commission					_				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc	2020	2030	Numeric	Percent	tloo	Average Annual Openings			Entry-Level Occupational 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
49-9044 Millwrights	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
49-9051 Electrical Power-Line Installers and Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9052 Telecommunications Line Installers and Repairers	26	24	-2	-7.7%		1	2	3	HS diploma /equivalent	None	Long-term OJT
49-9062 Medical Equipment Repairers	49	52	3	6.1%		2	3	5	Associate's degree	None	Moderate-term OJT
49-9069 Precision Instrument and Equipment Repairers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9071 Maintenance and Repair Workers, General	880	1,003	123	14.0%	•	33	55	100	HS diploma /equivalent	None	Moderate-term OJT
49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
49-9092 Commercial Divers	n	n	n	n		n	n	n	Postsec. non-degree award	None	Moderate-term OJT
49-9094 Locksmiths and Safe Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9096 Riggers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9098 HelpersInstallation, Maintenance, and Repair Workers	66	71	5	7.6%		3	6	9	HS diploma /equivalent	None	Short-term OJT
49-9099 Installation, Maintenance, and Repair Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-0000 Production Occupations	7,402	7,658	256	3.5%		289	538	853			
51-1000 Supervisors of Production Workers	543	583	40	7.4%		17	38	59			
51-1011 First-Line Supervisors of Production and Operating Workers	543	583	40	7.4%		17	38	59	HS diploma /equivalent	Less than 5 yrs.	None
51-2000 Assemblers and Fabricators	1,575	1,632	57	3.6%		63	108	177			
51-2021 Coil Winders, Tapers, and Finishers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Ta	858	957	99	11.5%		36	58	104	HS diploma /equivalent	None	Moderate-term OJT
51-2031 Engine and Other Machine Assemblers	19	17	-2	-10.5%		1	1	2	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	673	634	-39	-5.8%		25	47	68	HS diploma /equivalent	None	Moderate-term OJT
51-3000 Food Processing Workers	698	769	71	10.2%		35	55	97			
51-3011 Bakers	219	266	47	21.5%	•	14	18	37	No formal education	None	Long-term OJT
51-3021 Butchers and Meat Cutters	67	65	-2	-3.0%		3	5	8	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
51-3023 Slaughterers and Meat Packers	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		-									
	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	1,007	1,041	34	3.4%		33	73	109			
51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	1,007	1,011	0.	0.170			, , ,	100			
Plastic	95	86	-9	-9.5%		3	6	8	HS diploma /equivalent	None	Moderate-term OJT
51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal			-							-	
and Plastic	108	104	-4	-3.7%		3	7	10	HS diploma /equivalent	None	Moderate-term OJT
51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and	.00			0 70			· ·		The diploma / equivalent	110110	moderate term co.
Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and											
Tenders, Metal and Plastic	111	111	0	0.0%		5	8	13	HS diploma /equivalent	None	Moderate-term OJT
51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and				0.070			- ŭ	10	Tro diploma /oquivaloni	None	Moderate term out
Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic		· · · · ·		"		- "	- "	- "	Tro diploma /oquivaloni	None	Moderate term con
The state of the s	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4041 Machinists	181	203	22	12.2%		6	13	21	HS diploma /equivalent	None	Long-term OJT
51-4061 Model Makers, Metal and Plastic	n	n	n	n 12.270		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders,	"	- "	- "	"			- "	<del>- "-</del>	Tio diploma / equivalent	140110	inoaciate term off
Metal and Plastic	37	34	-3	-8.1%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	56	50	-3 -6	-0.1%		2	4	5	HS diploma /equivalent	None	Moderate-term OJT
51-4111 Tool and Die Makers	29	28	-0 -1	-3.4%		1	2	3	Postsec. non-degree award	None	Long-term OJT
51-4121 Welders, Cutters, Solderers, and Brazers	29	260	34	15.0%	<b>1</b>	6	19	28	HS diploma /equivalent	None	Moderate-term OJT
51-4121 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	66	68	2	3.0%	T	2	5	7	·	None	
31-4122 [weiding, Soldening, and brazing machine Setters, Operators, and Tenders	00	00		3.070			ð		HS diploma /equivalent	NOTIE	Moderate-term OJT

Rocki	ngham Planning Commission					¥				Long-term Occupa	tional Projecti	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	tlook	Averag	ge Annual O	penings	Entry-Level C	Occupational 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
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
	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	···			**					no arpiema / equivalent	110.10	moderate term our
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4199	Metal Workers and Plastic Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-5100	Printing Workers	230	203	-27	-11.7%		9	15	21	, ,		
51-5111	Prepress Technicians and Workers	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
51-5112	Printing Press Operators	134	128	-6	-4.5%		5	9	13	HS diploma /equivalent	None	Moderate-term OJT
51-5113	Print Binding and Finishing Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6000	Textile, Apparel, and Furnishings Workers	311	307	-4	-1.3%		18	20	38			
51-6011	Laundry and Dry-Cleaning Workers	n	n	n	n	1	n	n	n	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
51-6031	Sewing Machine Operators	48	46	-2	-4.2%		3	2	5	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
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and											
	Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and											
	Glass Fibers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6092	Fabric and Apparel Patternmakers	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
51-6099	Textile, Apparel, and Furnishings Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
51-7000	Woodworkers	81	95	14	17.3%		3	6	10			
51-7011	Cabinetmakers and Bench Carpenters	36	43	7	19.4%		2	2	5	HS diploma /equivalent	None	Moderate-term OJT
51-7021	Furniture Finishers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	n	n 46	n 7	n 17.9%		n 1	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	39						3	5	HS diploma /equivalent	None	Moderate-term OJT
51-8000 51-8011	Plant and System Operators  Nuclear Power Reactor Operators	167	148	-19	-11.4%		4 n	11	13	US diploma /aguiyalant	None	Long-term OJT
51-8011	Stationary Engineers and Boiler Operators	n	n n	n n	n n		n n	n n	n n	HS diploma /equivalent HS diploma /equivalent	None	Long-term OJT
51-8021	Water and Wastewater Treatment Plant and System Operators	83	79	-4	-4.8%		2	5	7	HS diploma /equivalent	None	Long-term OJT
51-8092	Gas Plant Operators	62	51	-11	-17.7%		1	4	4	HS diploma /equivalent	None	Long-term OJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	n oz	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-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	2,790	2,880	90	3.2%		107	213	329	no diploma / equivalent	140110	Woderate term of
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	37	39	2	5.4%		1	3	4	HS diploma /equivalent	None	Moderate-term OJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	35	35	0	0.0%		1	3	4	HS diploma /equivalent	None	Moderate-term OJT
51-9022	Grinding and Polishing Workers, Hand	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	190	216	26	13.7%	<b>1</b>	7	15	25	HS diploma /equivalent	None	Moderate-term OJT
51-9031	Cutters and Trimmers, Hand	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	56	55	-1	-1.8%		2	4	6	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
51-9051	Furnace, Kiln, Oven, Drier, and Kettle 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	597	553	-44	-7.4%		22	46	64	HS diploma /equivalent	None	Moderate-term OJT
51-9071	Jewelers and Precious Stone and Metal Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
51-9081	Dental Laboratory Technicians	n	n	n	n		n	n	n	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
	Packaging and Filling Machine Operators and Tenders	507	556	49	9.7%		22	35	62	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

Rock	ngham Planning Commission					~				Long-term Occupat	ional Projecti	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	tloo	Averag	e Annual O	penings	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
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	55	61	6	10.9%		2	4	7	HS diploma /equivalent	None	Moderate-term OJT
51-9141	Semiconductor Processors	n	n	n	n 10.570		n	n	n	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	504	527	23	4.6%		18	38	58	HS diploma /equivalent	None	Moderate-term OJT
51-9162	Computer Numerically Controlled Tool Programmers	33	44	11	33.3%		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	31	35	4	12.9%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
51-9193	Cooling and Freezing Equipment Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9194	Etchers and Engravers	29	31	2	6.9%		2	2	4	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	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9198	HelpersProduction Workers	239	227	-12	-5.0%		11	22	32	HS diploma /equivalent	None	Short-term OJT
51-9199	Production Workers, All Other	264	274	10	3.8%		9	20	30	HS diploma /equivalent	None	Moderate-term OJT
53-0000	Transportation and Material Moving Occupations	10,317	11,187	870	8.4%		538	863	1,488	7		
53-1000	Supervisors of Transportation and Material Moving Workers	391	412	21	5.4%		15	28	45			
53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft				• • • • • • • • • • • • • • • • • • • •							
	Cargo Handling Supervisor	391	412	21	5.4%		15	28	45	HS diploma /equivalent	Less than 5 yrs.	None
53-2000	Air Transportation Workers	254	282	28	11.0%		10	19	32			
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
53-2012	Commercial Pilots	235	261	26	11.1%		9	17	29	HS diploma /equivalent	None	Moderate-term OJT
53-2021	Air Traffic Controllers	n	n	n	n		n	n	n	Associate's degree	None	Long-term OJT
53-2022	Airfield Operations Specialists	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
53-2031	Flight Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
53-3000	Motor Vehicle Operators	3,274	3,885	611	18.7%		172	225	458		·	
53-3031	Driver/Sales Workers	269	337	68	25.3%	<b>1</b>	12	20	39	HS diploma /equivalent	None	Short-term OJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,564	1,756	192	12.3%		68	113	200	Postsec. non-degree award	None	Short-term OJT
53-3033	Light Truck or Delivery Services Drivers	567	697	130	22.9%	<b>1</b>	26	43	82	HS diploma /equivalent	None	Short-term OJT
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	846	1,063	217	25.7%	1	63	48	133	No formal education	None	Short-term OJT
53-3099	Motor Vehicle Operators, All Other	28	32	4	14.3%		3	2	5	No formal education	None	Short-term OJT
53-4000	Rail Transportation Workers	8	8	0	0.0%		0	1	1			
53-4011	Locomotive Engineers	4	4	0	0.0%		0	0	0	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
53-4031	Railroad Conductors and Yardmasters	4	4	0	0.0%		0	0	0	HS diploma /equivalent	None	Moderate-term OJT
53-5000	Water Transportation Workers	81	103	22	27.2%		3	8	13			
53-5011	Sailors and Marine Oilers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
53-5021	Captains, Mates, and Pilots of Water Vessels	n	n	n	n		n	n	n	Postsec. non-degree award	Less than 5 yrs.	None
53-5031	Ship Engineers	n	n	n	n		n	n	n	Postsec. non-degree award	Less than 5 yrs.	None
53-6000	Other Transportation Workers	152	166	14	9.2%		8	15	24			
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	47	53	6	12.8%		2	5	8	No formal education	None	Short-term OJT
53-6031	Automotive and Watercraft Service Attendants	86	91	5	5.8%		4	8	12	No formal education	None	Short-term OJT
53-6051	Transportation Inspectors	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
53-6061	Transportation Attendants, Except Flight Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Material Moving Workers	6,157	6,331	174	2.8%		331	568	916			
53-7011	Conveyor Operators and Tenders	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
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	268	306	38	14.2%	<b>1</b>	9	22	35	No formal education	None	Short-term OJT
53-7061	Cleaners of Vehicles and Equipment	120	138	18	15.0%	1	6	12	20	No formal education	None	Short-term OJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	881	959	78	8.9%		40	80	128	No formal education	None	Short-term OJT
53-7063	Machine Feeders and Offbearers	34	33	-1	-2.9%		2	2	4	No formal education	None	Short-term OJT
53-7064	Packers and Packagers, Hand	1,398	1,158	-240	-17.2%		73	104	153	No formal education	None	Short-term OJT
53-7065	Stockers and Order Fillers	3,326	3,594	268	8.1%		197	338	562	HS diploma /equivalent	None	Short-term OJT
53-7071	Gas Compressor and Gas Pumping Station Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT

Rock	Rockingham Planning Commission									Long-term Occupati	onal Projectio	ons, 2020 to 2030
soc	2020 2030 Numeric Percent					tloo	Average Annual Openings			Entry-Level Occupational Preparation		
Code	Occupation Title	Estimated	Projected	Change	Change	no	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
53-7081	Refuse and Recyclable Material Collectors	54	60	6	11.1%		2	5	8	No formal education	None	Short-term OJT
53-7121	Tank Car, Truck, and Ship Loaders	n	n	n	n		n	n	n	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

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.