North	Country Council					~				Long-term Occupa	tional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	tlook	Averag	ge Annual O	penings	Entry-Level O	ccupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹		Openings ³	Education	Experience	Job Training
Code	Total, All Occupations	37,592	38,980	1,388	3.7%	U	1,801	2,637	4,577	Luddation	Experience	Job Huming
11-0000	Management Occupations	2,512	2,624	112	4.5%		87	132	230			
11-1000	Top Executives	811	857	46	5.7%		17	50	72			
11-1011	Chief Executives	76	72	-4	-5.3%		2	3	5	Bachelor's degree	5 yrs.or more	None
11-1021	General and Operations Managers	690	738	48	7.0%		14	44	63	Bachelor's degree	5 yrs.or more	None
11-1031	Legislators	45	47	2	4.4%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	79	83	4	5.1%		2	5	7	Dacricio d'acgree	Less than 5 yrs.	None
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	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-2022	Sales Managers	42	43	1	2.4%		1	3	4	Bachelor's degree	Less than 5 yrs.	None
11-2030	Public Relations and Fundraising Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3000	Operations Specialties Managers	231	242	11	4.8%		5	12	18	Duction of degree	5 yisioi iiioi c	110.10
11-3010	Administrative Services and Facilities Managers	41	44	3	7.3%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
11-3021	Computer and Information Systems Managers	34	35	1	2.9%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-3031	Financial Managers	103	108	5	4.9%		2	5	7	Bachelor's degree	5 yrs.or more	None
11-3051	Industrial Production Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3061	Purchasing Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3071	Transportation, Storage, and Distribution Managers	n	n	n	n		n	n	n	HS diploma /equivalent	5 yrs.or more	None
11-3121	Human Resources Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3131	Training and Development Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-9000	Other Management Occupations	1,391	1,442	51	3.7%		63	65	133	Duction of degree	5 yisioi iiioi c	110.10
11-9000	Farmers, Ranchers, and Other Agricultural Managers	677	670	-7	-1.0%		42	23	64	HS diploma /equivalent	5 yrs.or more	None
11-9021	Construction Managers	46	51	5	10.9%		1	2	3	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-9032	Education Administrators, Elementary and Secondary School	83	86	3	3.6%		2	4	6	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	31	35	4	12.9%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
11-9041	Architectural and Engineering Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-9051	Food Service Managers	95	101	6	6.3%		3	8	12	HS diploma /equivalent	Less than 5 yrs.	None
11-9081	Lodging Managers	117	117	0	0.0%		4	8	12	HS diploma /equivalent	Less than 5 yrs.	None
11-9111	Medical and Health Services Managers	99	125	26	26.3%	•	3	6	12	Bachelor's degree	Less than 5 yrs.	None
11-9121	Natural Sciences Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-9131	Postmasters and Mail Superintendents	22	18	-4	-18.2%		0	1	1	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
11-9141	Property, Real Estate, and Community Association Managers	65	68	3	4.6%		2	2	4	HS diploma /equivalent	Less than 5 yrs.	None
11-9151	Social and Community Service Managers	80	93	13	16.3%	•	3	5	9	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	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
13-0000	Business and Financial Operations Occupations	955	1,008	53	5.5%		27	58	90	Duction of degree	Less than 5 yes	110110
13-1000	Business Operations Specialists	595	631	36	6.1%		16	38	58			
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
13-1020	Buyers and Purchasing Agents	78	72	-6	-7.7%		2	5	6	Bachelor's degree	None	Moderate-term OJT
	Claims Adjusters, Examiners, and Investigators	n	n n	n	n	\vdash	n	n	n	HS diploma /equivalent	None	Long-term OJT
13-1041	Compliance Officers	34	36	2	5.9%	\vdash	1	2	3	Bachelor's degree	None	Moderate-term OJT
13-1051	Cost Estimators	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
13-1071	Human Resources Specialists	89	88	-1	-1.1%	\vdash	2	6	8	Bachelor's degree	None	None
13-1071	Labor Relations Specialists	n	n	n	n -1.170	\vdash	n	n	n	Bachelor's degree	Less than 5 yrs.	None
13-1081	Logisticians	n	n	n	n	\vdash	n	n	n	Bachelor's degree	None	None
13-1001	Management Analysts	37	37	0	0.0%	H	1	2	3	Bachelor's degree	Less than 5 yrs.	None
13-1111	Meeting, Convention, and Event Planners	n	n	n	n	H	n	n	n	Bachelor's degree	None	None
13-1121	Fundraisers	21	26	5	23.8%	H	1	2	3	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	n	n	n	23.6 % n	H	n	n	n	Bachelor's degree	Less than 5 yrs.	None
10-1141	Componedation, Denomic, and too Analysis Opecialists	1 "					- 11	1 "		Davidioi 3 degree	LC33 Mall J yls.	Litolic

North	Country Council					¥				Long-term Occupa	tional Projecti	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	Outlook	Averag	ge Annual O	penings	Entry-Level C	occupational Prep	aration_
Code	Occupation Title	Estimated	Projected	Change	Change)ut	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
	Fraining and Development Specialists	32	36	4	12.5%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
	Market Research Analysts and Marketing Specialists	94	117	23	24.5%	•	2	8	12	Bachelor's degree	None	None
	Project Management Specialists and Business Operations Specialists, All Other											
		134	131	-3	-2.2%		3	6	9	Bachelor's degree	None	None
3-2000	Financial Specialists	360	377	17	4.7%		11	20	33	Ü		
	Accountants and Auditors	183	198	15	8.2%	•	5	11	18	Bachelor's degree	None	None
3-2020	Property Appraisers and Assessors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
3-2031	Budget Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
3-2041	Credit Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
3-2052	Personal Financial Advisors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
3-2071	Credit Counselors	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
3-2072	oan Officers	54	50	-4	-7.4%		1	3	4	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT
3-2081	Fax Examiners and Collectors, and Revenue Agents	30	31	1	3.3%		1	1	2	Bachelor's degree	None	Moderate-term OJT
3-2082	Tax Preparers	28	29	1	3.6%		2	2	4	HS diploma /equivalent	None	Moderate-term OJT
	Financial and Investment Analysts, Financial Risk Specialists, and Financial											
	Specialists, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
5-0000	Computer and Mathematical Occupations	278	290	12	4.3%		6	14	21			
5-1200	Computer Occupations	278	290	12	4.3%		6	14	21			
5-1211	Computer Systems Analysts	46	48	2	4.3%		1	2	3	Bachelor's degree	None	None
5-1212	nformation Security Analysts	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
5-1231	Computer Network Support Specialists	n	n	n	n		n	n	n	Associate's degree	None	None
5-1232	Computer User Support Specialists	64	64	0	0.0%		1	3	4	Some college, no degree	None	None
5-1241	Computer Network Architects	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
5-1244	Network and Computer Systems Administrators	38	39	1	2.6%		1	2	3	Bachelor's degree	None	None
5-1245	Database Administrators and Architects	n	n	n	n		n	n	n	Bachelor's degree	None	None
5-1251	Computer Programmers	28	22	-6	-21.4%		0	1	0	Bachelor's degree	None	None
5-1256	Software Developers and Software Quality Assurance Analysts and Testers	58	66	8	13.8%	1	1	3	5	Bachelor's degree	None	None
5-1257	Neb Developers and Digital Interface Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
5-1299	Computer Occupations, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Architecture and Engineering Occupations	211	226	15	7.1%		6	12	20			
	Architects, Surveyors, and Cartographers	23	22	-1	-4.3%		1	1	2			
	Architects, Except Landscape and Naval	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
-	_andscape Architects	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
	Surveyors	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
	Engineers	109	126	17	15.6%		2	5	9			
	Chemical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Civil Engineers	32	35	3	9.4%		11	2	3	Bachelor's degree	None	None
	Electrical Engineers	n o =	n	n	n		n	n	n	Bachelor's degree	None	None
	ndustrial Engineers	27	35	8	29.6%		1	1	3	Bachelor's degree	None	None
	Mechanical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Engineers, All Other	n	n	n	n		n	n	n -	Bachelor's degree	None	None
	Orafters, Engineering Technicians, and Mapping Technicians	79	78	-1	-1.3%		2	5	7			
	Architectural and Civil Drafters	n -	n	n	n	┡	<u>n</u>	n -	n -	Associate's degree	None	None
	Mechanical Drafters	n	n	n	n		n	n	n	Associate's degree	None	None
	Orafters, All Other	n	n	n	n	┡	<u>n</u>	n	n -	Associate's degree	None	None
	Electrical and Electronics Engineering Technicians	n	n	n	n	┡	n	n	n	Associate's degree	None	None
	ndustrial Engineering Technicians Surveying and Mapping Technicians	n	n	n	n	\vdash	n	n	n	Associate's degree	None	None Moderate-term OJT
7-3031	Surveying and Mapping Technicians Calibration and Engineering Technologists and Technicians, Except Drafters, All	n	n	n	n	┡	n	n	n	HS diploma /equivalent	None	ivioderate-term OJI
		_	n	n			r	_	_	Associato's dogres	None	None
7-3098	Other				n		n	n	n	Associate's degree	None	None
7-3098	Other	n								/ toocolate o deg. co		
7-3098 19-0000	Officer Life, Physical, and Social Science Occupations Life Scientists	226 66	230	4 -1	1.8%		5	17	22	, location and a degree		

North	n Country Council					~				Long-term Occupat	ional Projecti	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	tlook	Averag	ge Annual O	penings	Entry-Level O	cupational Prep	aration_
Code	Occupation Title	Estimated	Projected	Change	Change	Ont	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
19-1023	Zoologists and Wildlife Biologists	n	n	n	n	J	n	n	n	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-1031	Conservation Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-1032	Foresters	27	28	1	3.7%		0	2	2	Bachelor's degree	None	None
19-2000	Physical Scientists	17	19	2	11.8%		0	2	2	Business a degree	140110	140110
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	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2043	Hydrologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-3000	Social Scientists and Related Workers	51	53	2	3.9%		1	3	4	Bachelor 3 degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	n	n	n	n 0.570		n .	n	n	Doctoral/professional degree	None	Internship/residency
19-3039	Psychologists, All Other	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
19-3051	Urban and Regional Planners	n	n	n	n		n	n	n	Master's degree	None	None
19-3091	Anthropologists and Archeologists	n	n	n	n		n	n	n	Master's degree	None	None
19-3091	Social Scientists and Related Workers, All Other		n	n	n		n		n	Bachelor's degree	None	None
19-3099	Life, Physical, and Social Science Technicians	79	80	1	1.3%		2	n 8	10	Bacrieioi s degree	None	None
										Dark slade dansa	News	N
19-4021 19-4031	Biological Technicians Chemical Technicians	n	n n	n n	n n		n n	n n	n n	Bachelor's degree Associate's degree	None None	None Moderate-term OJT
		n						<u> </u>		· · · · · · · · · · · · · · · · · · ·		
19-4042	Environmental Science and Protection Technicians, Including Health	n	n	n	n		n	n	n	Associate's degree	None	None
19-4045	Geological and Hydrologic Technicians	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
19-4071	Forest and Conservation Technicians	56	55	-1	-1.8%		2	5	7	Associate's degree	None	None
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	13	13	0	0.0%		0	0	0			
19-5011	Occupational Health and Safety Specialists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
21-0000	Community and Social Service Occupations	749	833	84	11.2%		27	52	87			
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists											
04.4040		667	750	83	12.4%		23	46	77		N.	.
21-1012	Educational, Guidance, School, and Vocational Counselors	79	84	5	6.3%		3	5	8	Master's degree	None	None
21-1015	Rehabilitation Counselors	n	n	n	n 40.40/		n	n	n	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	130	147	17	13.1%	T	4	8	14	Bachelor's degree	None	None
21-1019	Counselors, All Other	n	n	n	n		n	n	n	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	39	40	1	2.6%		1	2	3	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	49	50	1	2.0%		11	3	4	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	29	30	1	3.4%		11	2	3	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	n	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	31	32	1	3.2%		1	2	3	Bachelor's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	139	165	26	18.7%	1	6	12	21	HS diploma /equivalent	None	Short-term OJT
21-1094	Community Health Workers	60	77	17	28.3%	1	2	5	9	HS diploma /equivalent	None	Short-term OJT
21-1099	Community and Social Service Specialists, All Other	52	61	9	17.3%	1	2	4	7	Bachelor's degree	None	None
21-2000	o a constant of the constant o	82	83	1	1.2%		3	5	8			
21-2011	Clergy	45	45	0	0.0%		2	3	5	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities and Education	28	29	1	3.6%		1	2	3	Bachelor's degree	Less than 5 yrs.	None
21-2099	Religious Workers, All Other	9	9	0	0.0%		0	1	1	Bachelor's degree	None	None
23-0000	Legal Occupations	164	161	-3	-1.8%		4	6	10			
23-1000	Lawyers, Judges, and Related Workers	116	115	-1	-0.9%		2	3	5			
23-1011	Lawyers	98	96	-2	-2.0%		2	2	4	Doctoral/professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	13	14	1	7.7%		0	0	0	Doctoral/professional degree	5 yrs.or more	Short-term OJT
00.4000	Judges, Magistrate Judges, and Magistrates	5	5	0	0.0%		0	0	0	Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-1023												

North	Country Council					×				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	look	Averag	ge Annual O	penings	Entry-Level O	ccupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹	Transfers ²		Education	Experience	Job Training
23-2011	Paralegals and Legal Assistants	41	40	-1	-2.4%	O	2	3	5	Associate's degree	None	None
23-2011	Court Reporters	4	3	-1 -1	-25.0%		0	0	0	Postsec. non-degree award	None	Short-term OJT
23-2091	Legal Support Workers, All Other	n	n	n	-23.070 n		n	n	n	Associate's degree	None	None
25-2099	Education, Training, and Library Occupations	2,230	2,344	114	5.1%		96	104	211	Associate's degree	None	None
25-1000	Postsecondary Teachers	37	42	5	13.5%		2	2	4			
25-1000	Environmental Science Teachers, Postsecondary	n	n	n	n 13.570		n	n	n	Doctoral/professional degree	None	None
25-1033	Health Specialties Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
25-1081	Education Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
25-1199	Postsecondary Teachers, All Other	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	1,014	1,047	33	3.3%		32	42	77			
25-2011	Preschool Teachers, Except Special Education	n	n	n	n		n	n	n	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	372	380	8	2.2%		12	15	28	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	183	187	4	2.2%		6	7	13	Bachelor's degree	None	None
25-2023	Career/Technical Education Teachers, Middle School	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	199	205	6	3.0%		5	8	14	Bachelor's degree	None	None
25-2032	Career/Technical Education Teachers, Secondary School	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	63	65	2	3.2%		2	2	4	Bachelor's degree	None	None
25-2057	Special Education Teachers, Middle School	36	36	0	0.0%		1	1	2	Bachelor's degree	None	None
25-2058	Special Education Teachers, Secondary School	16	17	1	6.3%		0	1	1	Bachelor's degree	None	None
25-2059	Special Education Teachers, All Other	81	88	7	8.6%	•	3	3	7	Bachelor's degree	None	None
25-3000	Other Teachers and Instructors	380	427	47	12.4%		24	22	51	Ü		
25-3021	Self-Enrichment Education Teachers	159	186	27	17.0%	^	10	9	22	HS diploma /equivalent	Less than 5 yrs.	None
25-3031	Substitute Teachers, Short-Term	129	139	10	7.8%	•	8	7	16	Bachelor's degree	None	None
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	92	102	10	10.9%	•	6	5	12	Bachelor's degree	None	None
25-4000	Librarians, Curators, and Archivists	133	138	5	3.8%		8	7	15			
25-4012	Curators	n	n	n	n		n	n	n	Master's degree	None	None
25-4022	Librarians and Media Collections Specialists	85	88	3	3.5%		4	4	8	Master's degree	None	None
25-4031	Library Technicians	32	28	-4	-12.5%		2	2	4	Postsec. non-degree award	None	None
25-9000	Other Education, Training, and Library Occupations	666	690	24	3.6%		30	32	64			
25-9031	Instructional Coordinators	n	n	n	n		n	n	n	Master's degree	5 yrs.or more	None
25-9045	Teaching Assistants, Except Postsecondary	643	664	21	3.3%		29	30	61	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	627	721	94	15.0%		28	45	82			
27-1000	Art and Design Workers	239	233	-6	-2.5%		8	14	21			
27-1011	Art Directors	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
27-1012	Craft Artists	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
27-1019	Artists and Related Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
27-1022	Fashion Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1023	Floral Designers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
27-1024	Graphic Designers	68	70	2	2.9%		2	4	6	Bachelor's degree	None	None
	Interior Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1026	Merchandise Displayers and Window Trimmers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
27-1029	Designers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
	Entertainers and Performers, Sports and Related Workers	237	327	90	38.0%		16	22	47			
27-2011	Actors	n	n	n	n		n	n	n	Some college, no degree	None	Long-term OJT
27-2012	Producers and Directors	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-2022	Coaches and Scouts	183	256	73	39.9%	^	12	18	37	Bachelor's degree	None	None
	Umpires, Referees, and Other Sports Officials	16	23	7	43.8%	1	1	2	4	HS diploma /equivalent	None	Moderate-term OJT
	Music Directors and Composers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-2042	Musicians and Singers	17	17	0	0.0%		1	1	2	No formal education	None	Long-term OJT

North	Country Council					ید				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	Outlook	Averag	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Ont	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
27-3000	Media and Communication Workers	115	123	8	7.0%		4	7	12		•	
27-3011	Radio and Television Announcers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-3031	Public Relations Specialists	54	58	4	7.4%		1	4	5	Bachelor's degree	None	None
27-3041	Editors	n	n	n	n		n	n		Bachelor's degree	Less than 5 yrs.	None
27-3042	Technical Writers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	Short-term OJT
27-3043	Writers and Authors	49	53	4	8.2%	•	2	3	5	Bachelor's degree	None	Long-term OJT
27-3091	Interpreters and Translators	n	n	n	n	T - 1	n	n	n	Bachelor's degree	None	None
27-4000	Media and Communication Equipment Workers	36	38	2	5.6%		1	2	3	3		
27-4011	Audio and Video Equipment Technicians	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
27-4021	Photographers	16	19	3	18.8%		1	1	2	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
29-0000	Healthcare Practitioners and Technical Occupations	2,071	2,157	86	4.2%		51	62	122			
29-1000	Health Diagnosing and Treating Practitioners	1,422	1,490	68	4.8%		34	34	75			
29-1011	Chiropractors	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1021	Dentists, General	33	32	-1	-3.0%		1	0	1	Doctoral/professional degree	None	None
29-1031	Dietitians and Nutritionists	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1051	Pharmacists	53	49	-4	-7.5%		1	1	2	Doctoral/professional degree	None	None
29-1071	Physician Assistants	48	60	12	25.0%	1	1	2	4	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	38	43	5	13.2%		1	1	2	Master's degree	None	None
29-1123	Physical Therapists	60	67	7	11.7%		1	1	3	Doctoral/professional degree	None	None
29-1125	Recreational Therapists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1126	Respiratory Therapists	n	n	n	n		n	n	n	Associate's degree	None	None
29-1127	Speech-Language Pathologists	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-1131	Veterinarians	37	40	3	8.1%		1	1	2	Doctoral/professional degree	None	None
29-1141	Registered Nurses	697	716	19	2.7%		19	18	39	Associate's degree	None	None
29-1151	Nurse Anesthetists	25	26	1	4.0%		0	1	1	Master's degree	None	None
29-1161	Nurse Midwives	n	n	n	n		n	n	n	Master's degree	None	None
29-1171	Nurse Practitioners	64	90	26	40.6%	1	2	2	7	Master's degree	None	None
29-1181	Audiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1211	Anesthesiologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1215	Family Medicine Physicians	74	72	-2	-2.7%		1	1	2	Doctoral/professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1218	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
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	90	87	-3	-3.3%		1	1	2	Doctoral/professional degree	None	Internship/residency
29-1248	Surgeons, Except Ophthalmologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1292	Dental Hygienists	58	60	2	3.4%		2	2	4	Associate's degree	None	None
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	n	n	n	n		n	n	n	Master's degree	None	None
29-2000	Health Technologists and Technicians	610	627	17	2.8%		16	26	44			
29-2010	Clinical Laboratory Technologists and Technicians	55	55	0	0.0%		1	2	3	Bachelor's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
	Diagnostic Medical Sonographers	n	n	n	n		n	n	n	Associate's degree	None	None
	Radiologic Technologists	59	59	0	0.0%	\sqcup	2	2	4	Associate's degree	None	None
	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	151	159	8	5.3%		3	7	11	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	73	72	-1	-1.4%		2	3	5	HS diploma /equivalent	None	Moderate-term OJT
29-2055	Surgical Technologists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	32	35	3	9.4%		1	1	2	Associate's degree	None	None

Nortl	n Country Council					×				Long-term Occupat	tional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	lool	Averag	ge Annual O	penings	Entry-Level O	ccupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹		Openings ³	Education	Experience	Job Training
29-2057	Ophthalmic Medical Technicians	n	n	n	n	0	n	n	n	Postsec. non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	80	83	3	3.8%		3	3	6	Postsec. non-degree award	None	None
29-2081	Opticians, Dispensing	n	n	n	n		n	n	n	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
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and		"	- "	- "		-	"		Waster's degree	IVOIC	internalip/readency
	Technicians, All Other	92	94	2	2.2%		2	4	6	Postsec. non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	39	40	1	2.6%		1	2	3	. colocol non dog.co dinard	110110	110.10
29-9091	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	32	33	1	3.1%		1	1 1	2	Postsec. non-degree award	None	None
31-0000	Healthcare Support Occupations	1,336	1,539	203	15.2%		85	87	192	j		
31-1100		1,000	1,000	200	10.270			0.	102			
	Psychiatric Aides	928	1,089	161	17.3%		64	57	137			
31-1120	Home Health and Personal Care Aides	494	636	142	28.7%	^	36	32	82	HS diploma /equivalent	None	Short-term OJT
31-1131	Nursing Assistants	428	445	17	4.0%	-	28	25	55	Postsec. non-degree award	None	None
31-1132	Orderlies	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	31	35	4	12.9%		1	2	3	, , , , , , , , , , , , , , , , , , ,		
31-2011	Occupational Therapy Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
31-2012	Occupational Therapy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-2021	Physical Therapist Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
31-2022	Physical Therapist Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9000	Other Healthcare Support Occupations	377	415	38	10.1%		19	28	51			
31-9011	Massage Therapists	70	86	16	22.9%	1	5	4	11	Postsec. non-degree award	None	None
31-9091	Dental Assistants	40	41	1	2.5%		2	3	5	Postsec. non-degree award	None	None
31-9092	Medical Assistants	154	169	15	9.7%	1	7	12	21	Postsec. non-degree award	None	None
31-9093	Medical Equipment Preparers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
31-9094	Medical Transcriptionists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
31-9095	Pharmacy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-9097	Phlebotomists	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
31-9099	Healthcare Support Workers, All Other	61	64	3	4.9%		4	4	8	HS diploma /equivalent	None	None
33-0000	Protective Service Occupations	1,147	1,226	79	6.9%		56	74	138			
33-1000	Supervisors of Protective Service Workers	133	140	7	5.3%		3	6	10			
33-1011	First-Line Supervisors of Correctional Officers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
33-1012	First-Line Supervisors of Police and Detectives	68	72	4	5.9%		2	3	5	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	38	40	2	5.3%		1	2	3	Postsec. non-degree award	Less than 5 yrs.	Moderate-term OJT
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
33-2000	Fire Fighting and Prevention Workers	206	219	13	6.3%		5	11	17			
33-2011	Firefighters	203	215	12	5.9%		5	11	17	Postsec. non-degree award	None	Long-term OJT
33-2022	Forest Fire Inspectors and Prevention Specialists	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-3000	Law Enforcement Workers	471	475	4	0.8%		14	24	38			
33-3011	Bailiffs	22	22	0	0.0%		1	1	2	HS diploma /equivalent	None	Moderate-term OJT
33-3012		162	153	-9	-5.6%		6	8	13	HS diploma /equivalent	None	Moderate-term OJT
33-3021	Detectives and Criminal Investigators	19	19	0	0.0%		0	1	1	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-3051	Police and Sheriff's Patrol Officers	268	281	13	4.9%		7	14	22	HS diploma /equivalent	None	Moderate-term OJT
33-9000	Other Protective Service Workers	337	392	55	16.3%		34	33	73			
33-9011	Animal Control Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
33-9021	Private Detectives and Investigators	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
33-9032	Security Guards	174	196	22	12.6%	1	10	14	26	HS diploma /equivalent	None	Short-term OJT
33-9091	Crossing Guards	17	18	1	5.9%		2	1	3	No formal education	None	Short-term OJT
33-9092		53	69	16	30.2%	1	8	7	17	No formal education	None	Short-term OJT
33-9098	, -	85	99	14	16.5%	1	13	10	24	HS diploma /equivalent	None	Short-term OJT
35-0000	Food Preparation and Serving Related Occupations	4,011	4,504	493	12.3%		300	437	786			

North	Country Council					×				Long-term Occupat	ional Projection	ons, 2020 to 2030
soc		2020	2030	Numeric	Percent	look	Avera	ge Annual O	penings	Entry-Level O	ccupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
35-1000	Supervisors of Food Preparation and Serving Workers	369	408	39	10.6%	0	16	39	59			700 mm.g
35-1011	Chefs and Head Cooks	90	101	11	12.2%	^	3	9	13	HS diploma /equivalent	5 yrs.or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	279	307	28	10.0%	1	13	30	46	HS diploma /equivalent	Less than 5 yrs.	None
35-2000	Cooks and Food Preparation Workers	1,118	1,305	187	16.7%		74	105	198	no diprema / equivalent	Less than 5 year	110110
35-2011	Cooks, Fast Food	113	99	-14	-12.4%		6	9	14	No formal education	None	Short-term OJT
35-2012	Cooks, Institution and Cafeteria	94	96	2	2.1%		6	8	14	No formal education	None	Short-term OJT
35-2013	Cooks, Private Household	10	11	1	10.0%		1	1	2	Postsec. non-degree award	Less than 5 yrs.	None
35-2014	Cooks, Restaurant	585	782	197	33.7%	•	40	58	118	No formal education	Less than 5 yrs.	Moderate-term OJT
35-2015	Cooks, Short Order	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
35-2019	Cooks, All Other	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
35-2021	Food Preparation Workers	145	147	2	1.4%		12	13	25	No formal education	None	Short-term OJT
35-3000	Food and Beverage Serving Workers	2,028	2,238	210	10.4%		162	244	427			
35-3011	Bartenders	374	450	76	20.3%	1	19	50	77	No formal education	None	Short-term OJT
35-3023	Fast Food and Counter Workers	703	757	54	7.7%	1	71	77	153	No formal education	None	Short-term OJT
35-3031	Waiters and Waitresses	925	1,005	80	8.6%	1	71	115	194	No formal education	None	Short-term OJT
35-3041	Food Servers, Nonrestaurant	26	26	0	0.0%		2	2	4	No formal education	None	Short-term OJT
35-9000	Other Food Preparation and Serving Related Workers	496	553	57	11.5%		48	49	103			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	121	140	19	15.7%	^	11	11	24	No formal education	None	Short-term OJT
35-9021	Dishwashers	207	224	17	8.2%	1	16	18	36	No formal education	None	Short-term OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	141	158	17	12.1%	1	18	17	37	No formal education	None	Short-term OJT
35-9099	Food Preparation and Serving Related Workers, All Other	n	n	n	n	1	n	n	n	No formal education	None	Short-term OJT
37-0000	Building and Grounds Cleaning and Maintenance Occupations	1,995	2,080	85	4.3%		118	146	272			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	159	166	7	4.4%		6	12	19			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	89	92	3	3.4%		4	6	10	HS diploma /equivalent	Less than 5 yrs.	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping											
	Workers	70	74	4	5.7%		2	5	7	HS diploma /equivalent	Less than 5 yrs.	None
37-2000	Building Cleaning and Pest Control Workers	1,364	1,390	26	1.9%		90	92	185			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	538	551	13	2.4%		34	38	73	No formal education	None	Short-term OJT
37-2012	Maids and Housekeeping Cleaners	823	836	13	1.6%		56	53	110	No formal education	None	Short-term OJT
37-2019	Building Cleaning Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
37-3000	Grounds Maintenance Workers	472	524	52	11.0%		21	43	69			
37-3011	Landscaping and Groundskeeping Workers	468	519	51	10.9%	1	21	42	68	No formal education	None	Short-term OJT
37-3019	Grounds Maintenance Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
39-0000	Personal Care and Service Occupations	1,431	1,668	237	16.6%		97	123	244			
39-1000	Supervisors of Personal Care and Service Workers	111	130	19	17.1%		4	8	14			
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation											
	Workers, Exc Gambling Services	111	130	19	17.1%	1	4	8	14	HS diploma /equivalent	Less than 5 yrs.	None
39-2000	Animal Care and Service Workers	92	114	22	23.9%		6	8	16			
39-2011	Animal Trainers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
39-2021	Nonfarm Animal Caretakers	74	92	18	24.3%	1	5	7	14	HS diploma /equivalent	None	Short-term OJT
39-3000	Entertainment Attendants and Related Workers	186	255	69	37.1%		22	25	54			
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	176	243	67	38.1%	1	20	24	51	No formal education	None	Short-term OJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Funeral Service Workers	23	25	2	8.7%		1	2	3			
39-4021	Funeral Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Morticians, Undertakers, and Funeral Directors	n	n	n	n		n	n	n	Associate's degree	None	Long-term OJT
	Personal Appearance Workers	327	354	27	8.3%		18	19	40			
	Barbers	18	20	2	11.1%		1	1	2	Postsec. non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	302	325	23	7.6%	1	17	17	36	Postsec. non-degree award	None	None
39-5094	Skincare Specialists	n	n	n	n	Щ	n	n	n	Postsec. non-degree award	None	None
	Baggage Porters, Bellhops, and Concierges	27	29	2	7.4%		1	2	3			
39-6011	Baggage Porters and Bellhops	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT

2-8-012 Concluyers	North	Country Council					ᅩ				Long-term Occupa	tional Projecti	ons, 2020 to 2030
Code Cocupation Title Stainated Projected Change	SOC		2020	2030	Numeric	Percent	00	Avera	ge Annual O	penings	Entry-Level C	Occupational Prep	aration
18-001 Concernges		Occupation Title					E				Education	Experience	Job Training
39700 Totar and Traver Guides				•			U			1 -			Moderate-term OJT
20-701 Totar and Travell Guiden		· ·									Tis diploma / equivalent	TTORIO	Wioderate term of
29.000 Chem Personal Cure and Service Workness 491 491 77 11.3% 41 54 102 103 1											HS diploma /equivalent	None	Moderate-term OJT
39.901 Ohlstone Workers 326 347 21 0.4% 23 24 40 15 stiphons /requivalent None Short-term 29.902 Rooselin Workers 193 190 28 3.91% 1 11 18 31 18 stiphons /requivalent None Short-term 29.902 Rooselin Workers 193 190 190 28 3.7% 1 11 18 31 18 stiphons /requivalent None Short-term 39.903 Rooselin Workers 193 190 190 28 3.7% 1 11 18 31 18 stiphons /requivalent None Short-term 39.903 Romalina / Operations of Manual Advances 1 1 1 1 1 1 1 1 1											no dipionia / equivalent	110.10	moderate term of
38-9000 Florest Turkers and Arabics Instructions										_	HS diploma /equivalent	None	Short-term OJT
38-9010 Romeration Workers 183 199 16 8.7% 1 11 18 31 15 diptions/requiredient None Short-term 39-9010 Romeratory Operators and Presental Care and Service Workers, All Other n n n n n n n n n							•				· · · · · · · · · · · · · · · · · · ·	_	Short-term OJT
39-945 Residential Advisors n n n n n n n n n													Short-term OJT
Section Command Command Personal Clare and Service Workers 4,350 4,129 221 5,519 222 346 568 586				1							· ' '		Short-term OJT
Sales and Related Occupations 4,390 4,120 521 54,154 510 521 54,154 510 521 54,154 510 521 54,154 510 521 54,154			1				•		+		· · · · · ·		Short-term OJT
		,		1									
H-1012 Finel-Line Supervisors of Non-Retail Sales Workers 3,086 2,982 2,04 4,081 4,002 4,000		-									HS diploma /equivalent	Less than 5 yrs.	None
14-2000 Ratial States Wickness 1,306 2,282 2-04 4,68% 201 261 442 215 105 107 121 215 105 107 121 215 105 107 121 215 105 107 121 215 105 107 121 215 105 105 107 121 215 105 105 107 121 215 105		,											
14-2011 Cashiers 1.325 1.197 1.28 9-7% 107 121 215 No formal education None Short-term 14-2021 Counter and Rental Clerks 1.12 1.136 24 214 474 6 8 15 No formal education None Short-term 14-2022 Parts Sales-persons 1.03 1.03 0 0.0% 4 8 12 No formal education None Short-term 14-2023 Realis Sales-persons 1.03 0 0.0% 4 8 12 No formal education None Moderate-14 14-2031 Realis Sales-persons 1.04 1.00 6-5% 4.4 8 12 No formal education None Moderate-14 14-2031 Realis Seprensens 1.05 1.46										442	7.0		
11-2022 Parts Subsequences 112 138 24 21.4% 6 8 16 No formal education None Moderate-te					1					1	No formal education	None	Short-term OJT
14-2022 Parts Salespersons 103 103 0.0 0.0% 4 8 12 No formal education None Moderate-te		Counter and Rental Clerks			1		•	6	8	16		None	Short-term OJT
14-2031 Retail Salespersons 1,546 1,446 1-00 -6.5% 84 124 198 No formal education None Short-term 14-3003 Sales Representatives, Services 237 224 17 72 72 7 18 27 7 7 7 7 7 7 7 7		Parts Salespersons	1		0		•	4	8	12		None	Moderate-term OJT
41-3002 Sales Representatives, Services 41-3031 Sales Representatives, Services Sales Agents 41-3031 Securities, Commodities, and Financial Services Sales Agents 41-3031 Securities, Commodities, and Financial Services Sales Agents 41-3031 Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Trivet Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Trivet Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4001 Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4001 Sales Representatives, Wholesale and Manufacturing 41-4001 Sales Representatives, Wholesale and Manufacturing 41-4002 Sales Representatives, Wholesale and Manufacturing 41-4002 Sales Representatives, Wholesale and Manufacturing 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4002 Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4000 Sales Representatives, Wholesale and Manufacturing 41-4001 Representatives, Wholesale and Manufacturing 41-4001 Representatives, Wholesale and Manufacturing 41-4001 Representatives, Wholesale and Manufacturing 41-4002 Real Estate Bokers 41-4002 Real Estate Bokers 41-4002 Real Estate Bokers 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4002 Real Estate Bokers 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4002 Real Estate Bokers 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4002 Real Estate Bokers 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4004 Real Representatives, Wholesale and Manufacturing 41-4002 Real Estate Sales Agents 41-4003 Sales Representatives, Wholesale and Manufacturing 41-4002 Real Estate Sales Agents 41-4003 Sales Representatives, Wholesale and Manufactu		·						84					Short-term OJT
14-3021 Insurance Sales Agents		·		254		7.2%		7	18	27			
41-3031 Securities, Commodifies, and Financial Services Sales Agents n n n n n n n n n		,						3			HS diploma /equivalent	None	Moderate-term OJT
41-3051 41-3071 41-3081 41-30	41-3031	Securities, Commodities, and Financial Services Sales Agents	1	n	n	n		n	n	n		None	Moderate-term OJT
41-399 Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel 110 120 10 9.1					n	n		n	+		•		Moderate-term OJT
41-4000 Sales Representatives, Wholesale and Manufacturing 314 322 8 2.5% 9 22 32 32 32 34 41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific n n n n n n n n n	41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial									, , ,		
41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products n		Services, and Travel	110	120	10	9.1%	•	3	10	14	HS diploma /equivalent	None	Moderate-term OJT
	41-4000	Sales Representatives, Wholesale and Manufacturing						9					
Alt-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products Sc			0	022		2.070				- 02			
Alt-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products 272 282 10 3.7% 8 19 28 HS diploma /equivalent None Moderate-let		Products	l n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
41-9000 Other Sales and Related Workers 66 71 5 7.6% 3 4 7	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and							1				
41-9000 Other Sales and Related Workers		Scientific Products	272	282	10	3.7%		8	19	28	HS diploma /equivalent	None	Moderate-term OJT
Hard Paper Real Estate Brokers 18 19 1 5.6% 1 1 2 HS diploma /equivalent Less than 5 yrs. None	41-9000	Other Sales and Related Workers		71		7.6%		3	4		, ,		
41-9022 Real Estate Sales Agents								1			HS diploma /equivalent	Less than 5 yrs.	None
41-9041 Telemarketers					2			1	1		· · · · · ·		Moderate-term OJT
41-9099 Sales and Related Workers, All Other n n n n n n n n n n n n n n h H5 diploma /equivalent None None 43-9000 Office and Administrative Support Occupations 4,913	41-9041		n	n	n	n		n	n	n	· · · · · · · · · · · · · · · · · · ·	None	Short-term OJT
43-0000 Office and Administrative Support Occupations 4,913 4,653 -260 -5.3% 236 300 510 43-1000 Supervisors of Office and Administrative Support Workers 330 312 -18 -5.5% 12 20 30 HS diploma /equivalent Less than 5 yrs. None 43-2011 First-Line Supervisors of Office and Administrative Support Workers 330 312 -18 -5.5% 12 20 30 HS diploma /equivalent Less than 5 yrs. None 43-2001 Communications Equipment Operators 19 14 -5 -26.3% 1 1 2 43-2011 Switchboard Operators, Including Answering Service n<	41-9099	Sales and Related Workers, All Other		n	n	n		n	n	n		None	
43-1000 Supervisors of Office and Administrative Support Workers 330 312 -18 -5.5% 12 20 30 HS diploma /equivalent Less than 5 yrs. None 43-1011 First-Line Supervisors of Office and Administrative Support Workers 330 312 -18 -5.5% 12 20 30 HS diploma /equivalent Less than 5 yrs. None 43-2000 Communications Equipment Operators 19 14 -5 -26.3% 1 1 2 43-2011 Switchboard Operators, Including Answering Service n		,											
43-1011 First-Line Supervisors of Office and Administrative Support Workers 330 312 -18 -5.5% 12 20 30 HS diploma /equivalent Less than 5 yrs. None 43-2000 Communications Equipment Operators 19 14 -5 -26.3% 1 1 2													
43-2000 Communications Equipment Operators 19 14 -5 -26.3% 1 1 2 43-2011 Mode of the control of th										30	HS diploma /equivalent	Less than 5 yrs.	None
43-2011 Switchboard Operators, Including Answering Service n n n n n n n n n	43-2000		19	14	-5			1	1	2	, , ,	,	
43-3011 Bill and Account Collectors n	43-2011		n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
43-3011 Bill and Account Collectors n	43-3000		736	681	-55	-7.5%		38	38	70			
43-3021 Billing and Posting Clerks 48 48 0 0.0% 2 3 5 HS diploma /equivalent None Moderate-te-te-te-te-te-te-te-te-te-te-te-te-t									n		HS diploma /equivalent	None	Moderate-term OJT
43-3031 Bookkeeping, Accounting, and Auditing Clerks 507 485 -22 -4.3% 29 25 52 Some college, no degree None Moderate-te-te-te-te-te-te-te-te-te-te-te-te-t	43-3021	Billing and Posting Clerks	48	48	0	0.0%		2	3	5		None	Moderate-term OJT
43-3051 Payroll and Timekeeping Clerks 46 41 -5 -10.9% 2 2 4 HS diploma /equivalent None Moderate-te-te-te-te-te-te-te-te-te-te-te-te-t	43-3031	Bookkeeping, Accounting, and Auditing Clerks	507	485	-22	-4.3%		29	25	52		None	Moderate-term OJT
43-3061 Procurement Clerks n </td <td>43-3051</td> <td></td> <td>46</td> <td>41</td> <td>-5</td> <td>-10.9%</td> <td></td> <td>2</td> <td>2</td> <td>4</td> <td></td> <td>None</td> <td>Moderate-term OJT</td>	43-3051		46	41	-5	-10.9%		2	2	4		None	Moderate-term OJT
43-3071 Tellers 101 76 -25 -24.8% 4 6 8 HS diploma /equivalent None Short-term 0 43-3099 Financial Clerks, All Other n </td <td></td> <td></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></td> <td>None</td> <td>Moderate-term OJT</td>			n	n	n	n		n	n	n		None	Moderate-term OJT
43-3099 Financial Clerks, All Other n													Short-term OJT
43-4000 Information and Record Clerks 1,478 1,455 -23 -1.6% 74 113 185								n			· · · · · ·		Short-term OJT
43-4011 Brokerage Clerks n n n n n n n HS diploma /equivalent None Moderate-te 43-4031 Court, Municipal, and License Clerks 52 55 3 5.8% 3 3 6 HS diploma /equivalent None Long-term C													
43-4031 Court, Municipal, and License Clerks 52 55 3 5.8% 3 3 6 HS diploma /equivalent None Long-term C									1		HS diploma /equivalent	None	Moderate-term OJT
		Ü											Long-term OJT
43-4041 Credit Authorizers, Checkers, and Clerks n n n n n HS diploma /equivalent None Moderate-te											· · · · · ·		Moderate-term OJT
													Short-term OJT
		·											Moderate-term OJT

North	Country Council									Long-term Occupational	l Projectio	ns. 2020 to 2030
soc	- country country	2020	2030	Numeric	Percent	tlook	Averag	ge Annual O	nenings	Entry-Level Occupat		
						풀						
Code	Occupation Title	Estimated	Projected	Change	Change	Ö	Exits ¹		Openings ³		perience	Job Training
43-4071	File Clerks	n	n	n	n		n	n o z	n	HS diploma /equivalent None		Short-term OJT
43-4081	Hotel, Motel, and Resort Desk Clerks	344	349	5	1.5%		20	37	57	HS diploma /equivalent None		Short-term OJT
43-4111	Interviewers, Except Eligibility and Loan	85	72	-13	-15.3%		4	5	8	HS diploma /equivalent None		Short-term OJT
43-4121	Library Assistants, Clerical	38	36	-2	-5.3%		3	2	5	HS diploma /equivalent None		Short-term OJT
43-4131	Loan Interviewers and Clerks	31	28	-3	-9.7%		1	2	3	HS diploma /equivalent None		Short-term OJT
43-4141	New Accounts Clerks	45	33	-12	-26.7%		1	2	2	HS diploma /equivalent None		Moderate-term OJT
43-4151	Order Clerks	n	n	n	n		n	n	n	Some college, no degree None		Short-term OJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	26	28	2	7.7%		1	2	3	Associate's degree None		None
43-4171	Receptionists and Information Clerks	245	257	12	4.9%		14	17	32	HS diploma /equivalent None		Short-term OJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	n	n	n	n	1	n	n	n	HS diploma /equivalent None		Short-term OJT
43-4199	Information and Record Clerks, All Other	31	32	1	3.2%		1	2	3	HS diploma /equivalent None	е	Short-term OJT
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	510	465	-45	-8.8%		18	25	39			
43-5011	Cargo and Freight Agents	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	HS diploma /equivalent None		Short-term OJT
43-5031	Police, Fire, and Ambulance Dispatchers	76	79	3	3.9%		3	4	7	HS diploma /equivalent None		Moderate-term OJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	33	34	1	3.0%		1	2	3	HS diploma /equivalent None		Moderate-term OJT
43-5041	Meter Readers, Utilities	n	n	n	n		n	n	n	HS diploma /equivalent None		Short-term OJT
43-5051	Postal Service Clerks	69	57	-12	-17.4%		3	2	4	HS diploma /equivalent None		Short-term OJT
43-5052	Postal Service Mail Carriers	95	79	-16	-16.8%		3	3	4	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	HS diploma /equivalent None		Short-term OJT
43-5061	Production, Planning, and Expediting Clerks	41	45	4	9.8%	1	2	3	5	HS diploma /equivalent None	е	Moderate-term OJT
43-5071	Shipping, Receiving, and Traffic Clerks	168	146	-22	-13.1%		6	9	13	HS diploma /equivalent None	е	Short-term OJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	n	n	n	n		n	n	n	HS diploma /equivalent None	е	Short-term OJT
43-6000	Secretaries and Administrative Assistants	879	802	-77	-8.8%		43	47	82			
43-6011	Executive Secretaries and Executive Administrative Assistants	93	77	-16	-17.2%		4	5	7	HS diploma /equivalent Less	than 5 yrs.	None
43-6013	Medical Secretaries	162	165	3	1.9%		8	9	17	HS diploma /equivalent None	е	Moderate-term OJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive											
		624	560	-64	-10.3%		30	33	57	HS diploma /equivalent None	e	Short-term OJT
43-9000	Other Office and Administrative Support Workers	961	924	-37	-3.9%		50	56	102			
43-9021	Data Entry Keyers	29	18	-11	-37.9%		1	2	2	HS diploma /equivalent None	е	Short-term OJT
43-9022	Word Processors and Typists	n	n	n	n		n	n	n	HS diploma /equivalent None	е	Short-term OJT
43-9041	Insurance Claims and Policy Processing Clerks	51	51	0	0.0%		2	3	5	HS diploma /equivalent None	e	Moderate-term OJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	n	n	n	n		n	n	n	HS diploma /equivalent None	e	Short-term OJT
43-9061	Office Clerks, General	828	804	-24	-2.9%		44	48	90	HS diploma /equivalent None	e	Short-term OJT
43-9071	Office Machine Operators, Except Computer	n	n	n	n		n	n	n	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
43-9199	Office and Administrative Support Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent None		Short-term OJT
45-0000	Farming, Fishing, and Forestry Occupations	589	601	12	2.0%		24	68	93			
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	18	19	1	5.6%		1	2	3			
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	18	19	1	5.6%		1	2	3	HS diploma /equivalent Less	than 5 yrs.	None
45-2000	Agricultural Workers	415	449	34	8.2%		18	50	71	Tis diploma / equivalent	chan 5 yrs.	140110
45-2021	Animal Breeders	9	10	1	11.1%		0	1	1	HS diploma /equivalent None	a	Short-term OJT
45-2021	Graders and Sorters, Agricultural Products	1	2	1	100.0%		0	0	0	No formal education None		Short-term OJT
45-2041	Agricultural Equipment Operators	17	21	4	23.5%	\vdash	1	2	3	No formal education None		Moderate-term OJT
45-2091	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	103	115	12	11.7%		5	12				Short-term OJT
45-2092	Farmworkers, Farm, Ranch, and Aquacultural Animals	281	296	15	5.3%	↑	12	33	18 47	No formal education None No formal education None		Short-term OJT
			296 5							 		
45-2099	Agricultural Workers, All Other	4		1	25.0%		0	0	0	No formal education None	6	Short-term OJT
45-4000	Forest, Conservation, and Logging Workers Forest and Conservation Workers	156	133	-23	-14.7%		5	16	19	LIC diploma /aguinglant		Madarata tarra OIT
45-4011	-	n	n	n	n		n	n	n	HS diploma /equivalent None		Moderate-term OJT
	Fallers	n -	n	n	n	\vdash	n	n -	n	HS diploma /equivalent None		Moderate-term OJT
45-4022	Logging Equipment Operators	n	n	n	n	\vdash	n	n	n	HS diploma /equivalent None		Moderate-term OJT
45-4023	Log Graders and Scalers	n	n	n	n		n	n	n	HS diploma /equivalent None	e	Moderate-term OJT
47-0000	Construction and Extraction Occupations	1,663	1,723	60	3.6%		53	113	172			

North Country Council					×				Long-term Occupat	ional Projecti	ons, 2020 to 2030
soc	2020	2030	Numeric	Percent	lool	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	paration
Code Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
47-1000 Supervisors of Construction and Extraction Workers	240	243	3	1.3%	U	7	16	23	Eddedion	Experience	Job Huming
47-1011 First-Line Supervisors of Construction Trades and Extraction Workers	240	243	3	1.3%		7	16	23	HS diploma /equivalent	5 yrs.or more	None
47-2000 Construction Trades Workers	1,085	1,124	39	3.6%		33	74	111	ns dipionia /equivalent	3 yrs.or more	None
47-2021 Brickmasons and Blockmasons	n 1,065	1,124 n	n	n		n	n 74	n	HS diploma /equivalent	None	Apprenticeship
47-2022 Stonemasons	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2031 Carpenters	228	221	-7	-3.1%		7	14	20	HS diploma /equivalent	None	Apprenticeship
47-2061 Construction Laborers	342	360	18	5.3%		10	24	36	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	132	138	6	4.5%		4	10	15	HS diploma /equivalent	None	Moderate-term OJT
47-2111 Electricians	152	166	14	9.2%	•	5	12	18	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	88	93	5	5.7%		3	5	8	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	37	37	0	0.0%		1	3	4	HS diploma /equivalent	None	Apprenticeship
47-2211 Sheet Metal Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2221 Structural Iron and Steel Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2231 Solar Photovoltaic Installers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-3000 Helpers, Construction Trades	46	49	3	6.5%		1	4	5			
47-3011 HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters				0.070							
	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
47-3015 HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
47-4000 Other Construction and Related Workers	290	304	14	4.8%		12	19	32	, and a second of the second		
47-4011 Construction and Building Inspectors	n	n	n	n		n	n	n	HS diploma /equivalent	5 yrs.or more	Moderate-term OJT
47-4051 Highway Maintenance Workers	258	267	9	3.5%		10	16	27	HS diploma /equivalent	None	Moderate-term OJT
47-4061 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
47-5000 Extraction Workers	n	n	n	n		n	n	n	· · · ·		
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	1,624	1,692	68	4.2%		53	105	165	·		·
49-1000 Supervisors of Installation, Maintenance, and Repair Workers	117	123	6	5.1%		4	7	12			
49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers	117	123	6	5.1%		4	7	12	HS diploma /equivalent	Less than 5 yrs.	None
49-2000 Electrical and Electronic Equipment Mechanics, Installers, and Repairers	72	62	-10	-13.9%		2	5	6			
49-2011 Computer, Automated Teller, and Office Machine Repairers	n	n	n	n		n	n	n	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	n	n	n	n		n	n	n	Postsec. non-degree award	None	Moderate-term OJT
49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment	n	n	n	n		n	n	n	Postsec. non-degree award	None	Long-term OJT
49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	n	n	n	n		n	n	n	Postsec. non-degree award	Less than 5 yrs.	Moderate-term OJT
49-2098 Security and Fire Alarm Systems Installers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-3000 Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	556	571	15	2.7%		18	38	58			
49-3021 Automotive Body and Related Repairers	87	86	-1	-1.1%		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	230	231	1	0.4%		7	16	23	Postsec. non-degree award	None	Short-term OJT
49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	61	60	-1	-1.6%		2	4	6	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	43	52	9	20.9%	1	1	3	5	HS diploma /equivalent	None	Long-term OJT
49-3043 Rail Car Repairers	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
49-3053 Outdoor Power Equipment and Other Small Engine Mechanics	n	n	n	n		n	n	n	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

North	Country Council					~				Long-term Occupa	tional Projecti	ons, 2020 to 2030
soc	•	2020	2030	Numeric	Percent	look	Averas	ge Annual O	penings		ccupational Prep	
	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹		Openings ³	Education	Experience	Job Training
Code 49-3093	Occupation Title Tire Repairers and Changers		n			0					•	Short-term OJT
		n		n 57	n o sov		n	n	n	HS diploma /equivalent	None	Snort-term OJ1
49-9000	Other Installation, Maintenance, and Repair Occupations	879	936	57	6.5%		30	55	91	UC dialama /amii.alam	NI	Madagata taga OIT
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	n	n oz	n 4	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	91	87	-4	-4.4%		2	6	8	Postsec. non-degree award	None	Long-term OJT
49-9031	Home Appliance Repairers	n	n	n	n		n	n	n -	HS diploma /equivalent	None	Moderate-term OJT
49-9041	Industrial Machinery Mechanics	69	79	10	14.5%	1	2	4	7	HS diploma /equivalent	None	Long-term OJT
49-9043	Maintenance Workers, Machinery	32	35	3	9.4%		11	2	3	HS diploma /equivalent	None	Long-term OJT
49-9044	Millwrights	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	49	42	-7	-14.3%		1	3	3	HS diploma /equivalent	None	Long-term OJT
49-9052	Telecommunications Line Installers and Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9062	Medical Equipment Repairers	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
49-9063	Musical Instrument Repairers and Tuners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
49-9071	Maintenance and Repair Workers, General	538	590	52	9.7%	1	20	33	58	HS diploma /equivalent	None	Moderate-term OJT
49-9094	Locksmiths and Safe Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-9095	Manufactured Building and Mobile Home Installers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
49-9097	Signal and Track Switch Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9098	HelpersInstallation, Maintenance, and Repair Workers	n	n	n	n		n	n	n	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	2,026	1,933	-93	-4.6%		74	138	203			
51-1000	Supervisors of Production Workers	163	157	-6	-3.7%		5	11	15			
51-1011	First-Line Supervisors of Production and Operating Workers	163	157	-6	-3.7%		5	11	15	HS diploma /equivalent	Less than 5 yrs.	None
51-2000	Assemblers and Fabricators	279	276	-3	-1.1%		11	19	30			
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,									1 1		
	Tapers, and Finishers	86	83	-3	-3.5%		3	5	8	HS diploma /equivalent	None	Moderate-term OJT
51-2031	Engine and Other Machine Assemblers	n	n	n	n		n	n	n	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	160	164	4	2.5%		6	12	18	HS diploma /equivalent	None	Moderate-term OJT
51-3000	Food Processing Workers	105	113	8	7.6%		5	8	14	Tis diploma / equivalent	Ttorio	Wioderate term of
51-3000	Bakers	54	62	8	14.8%	•	3	4	8	No formal education	None	Long-term OJT
51-3011	Butchers and Meat Cutters	35	35	0	0.0%	Т	1	3	4	No formal education	None	Long-term OJT
51-3021	Slaughterers and Meat Packers			-						No formal education	None	
		n 	n -	n -	n		n	n	n		None	Short-term OJT
51-3099	Food Processing Workers, All Other	n	n	n	n 4.00/		n	n 0.4	n	No formal education	None	Moderate-term OJT
51-4000	Metal Workers and Plastic Workers Futurding and Proving Mechine Setters Operators and Tenders Metal and	488	494	6	1.2%		16	34	51			
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	_	_	_	_		_	_	_	IIC dialama (a suite alam)	Name	Madanska kansa O IT
E1 4021	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4031	and Plastic											
E4 4000		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											
	· · · · · · · · · · · · · · · · · · ·	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and											
	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											
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4041	Machinists	68	75	7	10.3%	1	2	5	8	HS diploma /equivalent	None	Long-term OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders,											
	Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4111	Tool and Die Makers	n	n	n	n		n	n	n	Postsec. non-degree award	None	Long-term OJT
51-4121	Welders, Cutters, Solderers, and Brazers	62	65	3	4.8%		2	5	7	HS diploma /equivalent	None	Moderate-term OJT
	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic			1								
		n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
l .							••	· · · · · ·			1	1

North	Country Council					×				Long-term Occupa	tional Projecti	ons, 2020 to 2030
soc	·	2020	2030	Numeric	Percent	lool	Averag	ge Annual O	penings	Entry-Level O	ccupational Prep	paration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹		Openings ³		Experience	Job Training
51-4194	Tool Grinders, Filers, and Sharpeners		n	n		O	n	n	1 -	HS diploma /equivalent	None	Moderate-term OJT
51-4199	Metal Workers and Plastic Workers. All Other	n	n	n	n n			1	n n	HS diploma /equivalent	None	Moderate-term OJT
51-4199		n 51	47	-4	-7.8%		n 2	n 3	5	ns dipionia /equivalent	None	Wioderate-term OJ1
51-5100	Printing Workers Printing Press Operators	49	46	-3	-6.1%		2	3	5	HS diploma /equivalent	None	Moderate-term OJT
51-5112	Print Binding and Finishing Workers	n 49	n 40	n -S	-0.176 n		n 2	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6000		168	154	-14	-8.3%		9	10	18	ns dipionia /equivalent	None	Wioderate-term Off
51-6011	Textile, Apparel, and Furnishings Workers Laundry and Dry-Cleaning Workers	37	39	2	5.4%		2	3	5	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	37	36	-1	-2.7%		2	2	4	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
51-6042	Shoe Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-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
51-6092	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
51-7000	Woodworkers	259	218	-41	-15.8%		8	18	22	Tis diploma / equivalent	140110	Wioderate term of
51-7011	Cabinetmakers and Bench Carpenters	n	n	n	n		n	n	n	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	99	85	-14	-14.1%		3	7	9	HS diploma /equivalent	None	Moderate-term OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	150	125	-25	-16.7%		4	10	12	HS diploma /equivalent	None	Moderate-term OJT
51-8000	Plant and System Operators	101	86	-15	-14.9%		3	6	7	ino dipionia / equivalent	110110	inoderate term out
51-8013	Power Plant Operators	28	19	-9	-32.1%		1	2	2	HS diploma /equivalent	None	Long-term OJT
51-8021	Stationary Engineers and Boiler Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
51-8031	Water and Wastewater Treatment Plant and System Operators	67	62	-5	-7.5%		2	4	6	HS diploma /equivalent	None	Long-term OJT
51-8099	Plant and System Operators, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9000	Other Production Occupations	412	388	-24	-5.8%		16	30	44	, square and		
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters,		000		0.070			- 55				
	Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9022	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	n	n	n	n		n	n	n	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	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	90	81	-9	-10.0%		3	7	9	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
51-9082	Medical Appliance Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9111	Packaging and Filling Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9161	Computer Numerically Controlled Tool Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9194	Etchers and Engravers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-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	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
51-9199	Production Workers, All Other	37	38	1	2.7%		1	3	4	HS diploma /equivalent	None	Moderate-term OJT
53-0000	Transportation and Material Moving Occupations	2,484	2,638	154	6.2%		126	198	339			
53-1000	Supervisors of Transportation and Material Moving Workers	147	145	-2	-1.4%		5	10	15			
53-1047	FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft Cargo Handling Supervisor	147	145	-2	-1.4%		5	10	15	HS diploma /equivalent	Less than 5 yrs.	None
53-3000	Motor Vehicle Operators	1,052	1,153	101	9.6%		54	68	132	aipioma /oquivalont	Less than 5 yrs.	1.0110
	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n 1,052	1,155 n	n	9.0% n		n 54	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Driver/Sales Workers	n	n	n	n	•	n	n	n	HS diploma /equivalent	None	Short-term OJT
	Heavy and Tractor-Trailer Truck Drivers	510	500	-10	-2.0%	T	21	34	54	Postsec. non-degree award	None	Short-term OJT
00-0002	nicary and mactor-malici much directs	510	500	-10	-2.070		Z I	34	J 4	i osisec. non-degree award	INOLIC	Short-term OJ1

North Country Council							Long-term Occupational Projections, 2020 to 2030					
SOC		2020	2030	Numeric	Percent	tlook	Averag	Average Annual Openings		Entry-Level Occupational Preparation		
Code	Occupation Title	Estimated	Projected	Change	Change	Out	Exits ¹	Transfers ²	Openings ³	Education	Experience	Job Training
53-3033	Light Truck or Delivery Services Drivers	183	192	9	4.9%		8	13	22	HS diploma /equivalent	None	Short-term OJT
53-3052	Bus Drivers, Transit and Intercity	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	292	387	95	32.5%	1	22	17	49	No formal education	None	Short-term OJT
53-3099	Motor Vehicle Operators, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
53-4000	Rail Transportation Workers	11	18	7	63.6%		0	1	2			
53-4011	Locomotive Engineers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
53-4031	Railroad Conductors and Yardmasters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
53-4099	Rail Transportation Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
53-6000	Other Transportation Workers	48	59	11	22.9%		3	5	9			
53-6021	Parking Lot Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
53-6031	Automotive and Watercraft Service Attendants	21	22	1	4.8%		1	2	3	No formal education	None	Short-term OJT
53-6061	Transportation Attendants, Except Flight Attendants	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
53-7000	Material Moving Workers	1,226	1,263	37	3.0%		63	114	181			
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	55	50	-5	-9.1%		2	4	6	No formal education	None	Short-term OJT
53-7061	Cleaners of Vehicles and Equipment	46	50	4	8.7%	1	2	4	6	No formal education	None	Short-term OJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	243	251	8	3.3%		11	22	34	No formal education	None	Short-term OJT
53-7063	Machine Feeders and Offbearers	n	n	n	n	1	n	n	n	No formal education	None	Short-term OJT
53-7064	Packers and Packagers, Hand	56	45	-11	-19.6%		3	4	6	No formal education	None	Short-term OJT
53-7065	Stockers and Order Fillers	637	670	33	5.2%		37	64	104	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
53-7081	Refuse and Recyclable Material Collectors	132	139	7	5.3%		6	12	19	No formal education	None	Short-term OJT

- n Employment data does not meet disclosure standards
- 1. Annual Labor Force Exits is the number of workers leaving an occupation (to go to school, start a family, or retire, for example).
- 2. Annual Occupational Transfers is the number of workers leaving one occupation to go to another occupational group (such as through job change or promotion).
- 3. Total Annual Openings is the sum of Exits plus Transfers plus annual change in an occupation. Sum of detailed occupations may not add up to total major group due to rounding

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