Lakes	Region Planning Commission					×				Long-term Occupati	ional Projection	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Out	<b>Exits</b> <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Total, All Occupations	47,328	50,115	2,787	5.9%	Ŭ	2,240	3,292	5,811			
11-0000	Management Occupations	3,112	3,399	287	9.2%		90	172	291			
11-1000	Top Executives	967	1,080	113	11.7%		21	61	93			
11-1011	Chief Executives	81	75	-6	-7.4%		2	3	4	Bachelor's degree	5 yrs.or more	None
11-1021	General and Operations Managers	864	981	117	13.5%	۰	18	57	87	Bachelor's degree	5 yrs.or more	None
11-1031	Legislators	22	24	2	9.1%	•	0	1	1	Bachelor's degree	Less than 5 yrs.	None
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	148	147	-1	-0.7%		3	9	12	5		
11-2021	Marketing Managers	14	13	-1	-7.1%		0	1	1	Bachelor's degree	5 yrs.or more	None
11-2022	Sales Managers	101	99	-2	-2.0%		2	6	8	Bachelor's degree	Less than 5 yrs.	None
	Public Relations and Fundraising Managers	33	35	2	6.1%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-3000	Operations Specialties Managers	509	570	61	12.0%		11	28	45		- ,	
11-3010	Administrative Services and Facilities Managers	78	83	5	6.4%		2	4	6	Bachelor's degree	Less than 5 yrs.	None
11-3021	Computer and Information Systems Managers	56	62	6	10.7%	•	1	3	5	Bachelor's degree	5 yrs.or more	None
11-3031	Financial Managers	258	301	43	16.7%	•	6	14	24	Bachelor's degree	5 yrs.or more	None
11-3051	Industrial Production Managers	56	59	3	5.4%		1	3	4	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
11-3111	Compensation and Benefits Managers	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
11-3121	Human Resources Managers	31	33	2	6.5%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-9000	Other Management Occupations	1,488	1,602	114	7.7%		54	74	139			
11-9013	Farmers, Ranchers, and Other Agricultural Managers	372	370	-2	-0.5%		23	13	36	HS diploma /equivalent	5 yrs.or more	None
11-9021	Construction Managers	148	169	21	14.2%	٨	3	8	13	Bachelor's degree	None	Moderate-term OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	n	n	n	n	Т	n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-9032	Education Administrators, Elementary and Secondary School	170	175	5	2.9%		4	8	12	Master's degree	5 yrs.or more	None
11-9032	Education Administrators, Postsecondary	n	n	n	2.970 n	٨	n -	n	n	Master's degree	Less than 5 yrs.	None
11-9033	Education Administrators, Possecondary	n	n	n	n	T	n	n	n	Bachelor's degree	Less than 5 yrs.	None
11-9039	Architectural and Engineering Managers	40	40	0	0.0%		1	2	3	Bachelor's degree	5 yrs.or more	None
11-9041	Food Service Managers	40 96	112	16	16.7%		3	8	13	HS diploma /equivalent	Less than 5 yrs.	None
11-9031	Lodging Managers	90 74	78	4	5.4%	T	3	5	8	HS diploma /equivalent	Less than 5 yrs.	None
11-9081	Medical and Health Services Managers	110	137	27	24.5%	•	3	6	12	Bachelor's degree	Less than 5 yrs.	None
11-9111	Natural Sciences Managers	n			24.5% n	T		n		Bachelor's degree	5 yrs.or more	None
11-9121	Postmasters and Mail Superintendents	27	n 24	n -3	-11.1%		n 1	1	n 2	HS diploma /equivalent		Moderate-term OJT
11-9131	Property, Real Estate, and Community Association Managers	97	102	-5	5.2%		4	4	8	HS diploma /equivalent	Less than 5 yrs. Less than 5 yrs.	None
11-9141	Social and Community Service Managers			-	0.2 %		4 n	4 n		Bachelor's degree	Less than 5 yrs.	None
11-9171	Funeral Home Managers	n n	n n	n n		T	n	n	n n	Associate's degree	Less than 5 yrs.	None
11-9171	Personal Service Managers; Entertainment & Recreation Managers, Except	11	11	11	n		11			Associate's degree	Less than 5 yrs.	None
11-0100	Gambling; and Managers, All Other		n	n	n	•			n .	Bachelor's degree	Loss than E yrs	Nono
12 0000		n 1,438	n 1,561	123	8.6%	T	n 42	n 87	n 141	Bachelor's degree	Less than 5 yrs.	None
	Business and Financial Operations Occupations			1				1			-	
	Business Operations Specialists Buyers and Purchasing Agents	820 96	896 92	76 -4	9.3% -4.2%		24 3	52 6	84 9	Bachelor's degree	None	Moderate-torm OIT
13-1020						┝─┤				Bachelor's degree Postsec. non-degree award	None	Moderate-term OJT
13-1032	Insurance Appraisers, Auto Damage Compliance Officers	n	n	n	n		n	n	n	× ·	None	Moderate-term OJT Moderate-term OJT
13-1041	Compliance Officers Cost Estimators	n 35	n 36	n 1	n 2.9%		n 1	n 2	n 3	Bachelor's degree	None	Moderate-term OJT
	Cost Estimators Human Resources Specialists	35 129		9			4	9		Bachelor's degree		
	Labor Relations Specialists	-	138	-	7.0%			-		Bachelor's degree	None	None
		n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	
13-1081	Logisticians	n 85	n 95	n 10	n 11.8%		n 2	n	n 9	Bachelor's degree	None Less than 5 yrs.	None
	Management Analysts					<b>↑</b>	3	5		Bachelor's degree		None
	Meeting, Convention, and Event Planners	n FO	n	n	n	T	n	n	n 7	Bachelor's degree	None	None
13-1131	Fundraisers	58	69	11	19.0%	T	2	4	7	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	n	n 70	n 4	n	$\vdash$	n	n		Bachelor's degree	Less than 5 yrs.	None
13-1151	Training and Development Specialists	66	70	4	6.1%		2	4	6	Bachelor's degree	Less than 5 yrs.	None
13-1161	Market Research Analysts and Marketing Specialists	64	80	16	25.0%	<b>1</b>	2	5	9	Bachelor's degree	None	None

Lakes	Region Planning Commission					×				Long-term Occupati	onal Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	00	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Outlook	Exits <sup>1</sup>	Transfers <sup>2</sup>		Education	Experience	Job Training
13-1198	Project Management Specialists and Business Operations Specialists, All Other	Lotinated	Trojecteu	enange	enange	0	LAILS	Transfers	Openings	Lucation	Experience	Job Hump
		176	179	3	1.7%		4	9	13	Bachelor's degree	None	None
13-2000	Financial Specialists	618	665	47	7.6%		18	35	58		None	None
13-2000	Accountants and Auditors	324	356	32	9.9%		10	20	33	Bachelor's degree	None	None
13-2020	Property Appraisers and Assessors	66	70	4	6.1%	т	3	20	5	Bachelor's degree	None	Long-term OJT
13-2031	Budget Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
13-2041	Credit Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
13-2061	Financial Examiners	n	n	n	n		n	n	n	Bachelor's degree	None	Long-term OJT
13-2071	Credit Counselors	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
13-2072	Loan Officers	81	83	2	2.5%		2	4	6	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	n	n	n	n		n	n	n	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	41	44	3	7.3%		1	2	3	Bachelor's degree	None	None
15-0000	Computer and Mathematical Occupations	449	491	42	9.4%		9	23	36	5		
15-1200	Computer Occupations	446	488	42	9.4%		9	23	36			
15-1211	Computer Systems Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-1212	Information Security Analysts	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
15-1231	Computer Network Support Specialists	n	n	n	n		n	n	n	Associate's degree	None	None
15-1232	Computer User Support Specialists	103	116	13	12.6%	٠	2	6	9	Some college, no degree	None	None
15-1241	Computer Network Architects	n	n	n	n		n	n	n	Bachelor's degree	5 yrs.or more	None
15-1244	Network and Computer Systems Administrators	113	128	15	13.3%	٠	2	6	10	Bachelor's degree	None	None
15-1245	Database Administrators and Architects	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-1251	Computer Programmers	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	89	98	9	10.1%		2	5	8	Bachelor's degree	None	None
15-1257	Web Developers and Digital Interface Designers	n	n	n	n	Т	n	n	n	Bachelor's degree	None	None
15-1299	Computer Occupations, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
15-2000	Mathematical Science Occupations	3	3	0	0.0%		0	0	0	Bacheler e aegree		
15-2031	Operations Research Analysts	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-0000	Architecture and Engineering Occupations	432	460	28	6.5%		11	22	36			
17-1000	Architects, Surveyors, and Cartographers	34	35	1	2.9%		1	2	3			
17-1011	Architects, Except Landscape and Naval	n	n	n	o.,o		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	n	n	n	n		n	n	n	Bachelor's degree	None	Internship/residency
17-2000	Engineers	252	274	22	8.7%		5	11	18	Bacheler e aegree		Internetiep/recluency
17-2051	Civil Engineers	0 n	 n	 n	n		n	n	n	Bachelor's degree	None	None
17-2061	Computer Hardware Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2071	Electrical Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2081	Environmental Engineers	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	n	n	n	n		n	n	n	Bachelor's degree	None	None
17-2112	Industrial Engineers	90	100	10	11.1%		2	4	7	Bachelor's degree	None	None
17-2131	Materials Engineers	n	n	n	n	T	n	n	n	Bachelor's degree	None	None
	Mechanical Engineers	91	95	4	4.4%		2	4	6	Bachelor's degree	None	None
	Engineers, All Other	n	n	n 4	4.4 /0 n		n	n	n	Bachelor's degree	None	None
17-2199	Drafters, Engineering Technicians, and Mapping Technicians	146	151	5	3.4%		5	10	15			
	Architectural and Civil Drafters	36	38	2	5.6%		1	2	3	Associate's degree	None	None
	Electrical and Electronics Drafters	n	0	n n	5.0 %		n	n	n	Associate's degree	None	None
17-3012	Mechanical Drafters	n	n	n	n		n	n	n	Associate's degree	None	None
	Drafters, All Other	n	n	n	n		n	n	n	Associate's degree	None	None
	Civil Engineering Technicians				n			1	n	Associate's degree	None	None
	Electrical and Electronics Engineering Technicians	n	n	n			n	n		*		
-		n	n	n	n		n	n	n	Associate's degree	None	None
17-3025	Environmental Engineering Technicians	n	n	n	n		n	n	n	Associate's degree	None	None

Lakes	Region Planning Commission					×				Long-term Occupati	onal Projectio	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	Drt	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
17-3026	Industrial Engineering Technicians	35	38	3	8.6%	0	1	2	3	Associate's degree	None	None
17-3020	Mechanical Engineering Technicians	n	n	n	n.070		n	n	n	Associate's degree	None	None
17-3031	Surveying and Mapping Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All											
	Other	n	n	n	n		n	n	n	Associate's degree	None	None
19-0000	Life, Physical, and Social Science Occupations	124	133	9	7.3%		2	8	11			
19-1000	Life Scientists	12	13	1	8.3%		0	1	1			
19-1023	Zoologists and Wildlife Biologists	n	n	n	n		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	1	1	0	0.0%		0	0	0	Bachelor's degree	None	None
19-2000	Physical Scientists	31	34	3	9.7%		0	3	3			
19-2031	Chemists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2032	Materials Scientists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-2042	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
19-3000	Social Scientists and Related Workers	48	49	1	2.1%		1	3	4			
19-3031	Clinical, Counseling, and School Psychologists	n	n	n	n		n	n	n	Doctoral/professional 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
19-4000	Life, Physical, and Social Science Technicians	13	15	2	15.4%		0	1	1			
19-4031	Chemical Technicians	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
19-4042	Environmental Science and Protection Technicians, Including Health	n	n	n	n		n	n	n	Associate's degree	None	None
19-4045	Geological and Hydrologic Technicians	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT
19-4071	Forest and Conservation Technicians	n	n	n	n		n	n	n	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	20	22	2	10.0%		1	1	2			
19-5011	Occupational Health and Safety Specialists	n	n	n	n		n	n	n	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
21-0000	Community and Social Service Occupations	729	781	52	7.1%		26	49	80			
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists											
		588	646	58	9.9%		20	40	66			
21-1012	Educational, Guidance, School, and Vocational Counselors	93	98	5	5.4%		3	6	9	Master's degree	None	None
21-1015	Rehabilitation Counselors	n	n	n	n		n	n	n	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	127	147	20	15.7%	<b>A</b>	4	8	14	Bachelor's degree	None	None
21-1021	Child, Family, and School Social Workers	n	n	n	n		n	n	n	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	n	n	n	n		n	n	n	Master's degree	None	Internship/residency
21-1091	Health Educators	n	n	n	n		n	n	n	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	28	28	0	0.0%		1	2	3	Bachelor's degree	None	Short-term OJT
21-1093	Social and Human Service Assistants	125	138	13	10.4%	♠	5	10	16	HS diploma /equivalent	None	Short-term OJT
21-1094	Community Health Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
21-1099	Community and Social Service Specialists, All Other	36	43	7	19.4%	♠	1	3	5	Bachelor's degree	None	None
	Religious Workers	141	135	-6	-4.3%		6	9	14			
21-2011	0,	75	72	-3	-4.0%		3	4	7	Bachelor's degree	None	Moderate-term OJT
21-2021	Directors, Religious Activities and Education	49	47	-2	-4.1%	$\vdash$	2	4	6	Bachelor's degree	Less than 5 yrs.	None
21-2099		17	16	-1	-5.9%		1	1	2	Bachelor's degree	None	None
	Legal Occupations	204	199	-5	-2.5%		6	9	15			
	Lawyers, Judges, and Related Workers	94	92	-2	-2.1%		2	2	4		News	News
23-1011		85	83	-2	-2.4%		2	2	4	Doctoral/professional degree	None	None
23-1021		n	n	n	n		n	n	n	Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-1022	Arbitrators, Mediators, and Conciliators	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT

Lakes	Region Planning Commission					×				Long-term Occupati	onal Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	<u> </u>	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Outlook	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
23-1023		5	5	0	0.0%		0	0	0	Doctoral/professional degree	5 yrs.or more	Short-term OJT
23-2000	Legal Support Workers	110	107	-3	-2.7%		4	7	11	boccordi professional degree	5 915.01 11010	
23-2011	Paralegals and Legal Assistants	102	99	-3	-2.9%		4	7	11	Associate's degree	None	None
23-2091	Court Reporters	6	6	0	0.0%		0	0	0	Postsec. non-degree award	None	Short-term OJT
23-2099	Legal Support Workers, All Other	n	n	n	n		n	n	n	Associate's degree	None	None
25-0000	Education, Training, and Library Occupations	3,702	3,914	212	5.7%		153	172	346			
25-1000	Postsecondary Teachers	503	551	48	9.5%		24	24	53			
25-1011	Business Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1052		n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	n	n	n	n	<b>^</b>	n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
25-1072	Nursing Instructors and Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	Less than 5 yrs.	None
25-1081	Education Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	Less than 5 yrs.	None
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1113	Social Work Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1121	Art, Drama, and Music Teachers, Postsecondary	n	n	n	n		n	n	n	Master's degree	None	None
25-1122	Communications Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1123	English Language and Literature Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1124	Foreign Language and Literature Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1125	History Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1126	Philosophy and Religion Teachers, Postsecondary	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
25-1194	Vocational Education Teachers, Postsecondary	28	31	3	10.7%		1	1	2	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	1,768	1,845	77	4.4%		56	76	140			
25-2011	Preschool Teachers, Except Special Education	143	176	33	23.1%	<b>A</b>	6	9	18	Associate's degree	None	None
25-2012	Kindergarten Teachers, Except Special Education	43	44	1	2.3%		2	2	4	Bachelor's degree	None	None
25-2021	Elementary School Teachers, Except Special Education	704	723	19	2.7%		22	29	53	Bachelor's degree	None	None
25-2022	Middle School Teachers, Except Special and Career/Technical Education	228	234	6	2.6%		7	9	17	Bachelor's degree	None	None
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	424	436	12	2.8%		11	17	29	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
25-2051	Special Education Teachers, Preschool	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-2052	Special Education Teachers, Kindergarten and Elementary School	145	149	4	2.8%		5	6	11	Bachelor's degree	None	None
25-2057	Special Education Teachers, Middle School	29	30	1	3.4%		1	1	2	Bachelor's degree	None	None
25-2058	Special Education Teachers, Secondary School	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-3000	Other Teachers and Instructors	301	352	51	16.9%		20	18	43			
25-3021	Self-Enrichment Education Teachers	n	n	n	n	<b>^</b>	n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
25-3031	Substitute Teachers, Short-Term	187	201	14	7.5%		12	10	23	Bachelor's degree	None	None
25-3097		n	n	n	n		n	n	n	Bachelor's degree	None	None
	Librarians, Curators, and Archivists	139	143	4	2.9%		8	7	15			
	Archivists	n	n	n	n		n	n	n	Master's degree	None	None
	Curators	n	n	n	n		n	n	n	Master's degree	None	None
	Museum Technicians and Conservators	n	n	n	n		n	n	n	Bachelor's degree	None	None
25-4022	Librarians and Media Collections Specialists	72	75	3	4.2%		4	3	7	Master's degree	None	None
25-4031	Library Technicians	46	44	-2	-4.3%		4	3	7	Postsec. non-degree award	None	None
	Other Education, Training, and Library Occupations	991	1,023	32	3.2%		45	47	95			
25-9031	Instructional Coordinators	36	38	2	5.6%		2	2	4	Master's degree	5 yrs.or more	None

Lakes Region Planning Commission					×				Long-term Occupati	onal Projectio	ons, 2020 to 2030
SOC	2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code Occupation Title	Estimated	Projected	Change	Change	E	Exits <sup>1</sup>	Transfers <sup>2</sup>		Education	Experience	Job Training
25-9044 Teaching Assistants, Postsecondary	n	n	n	n	0	n	n	opennigs	Bachelor's degree	None	None
25-9044 Teaching Assistants, Postsecondary 25-9045 Teaching Assistants, Except Postsecondary	934	963	29	3.1%		42	44	89	Some college, no degree	None	None
25-9099 Education, Training, and Library Workers, All Other	934 n	903 n	29 n	5.1% n		42 n	44 n	09 n	Bachelor's degree	None	None
27-0000 Arts, Design, Entertainment, Sports, and Media Occupations	403	417	14	3.5%		16	27	44	Dachelor's degree	None	None
27-1000 Art and Design Workers	130	122	-8	-6.2%		4	8	11			
27-1012 Craft Artists	n	n	-o n	-0.2 /0 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
27-1021 Fashion Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1022 Floral Designers	n	n	n	n		n	n		HS diploma /equivalent	None	Moderate-term OJT
27-1024 Graphic Designers	33	30	-3	-9.1%		1	2	3	Bachelor's degree	None	None
27-1025 Interior Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1026 Merchandise Displayers and Window Trimmers	44	42	-2	-4.5%		1	3	4	HS diploma /equivalent	None	Short-term OJT
27-1027 Set and Exhibit Designers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-1029 Designers, All Other	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-2000 Entertainers and Performers, Sports and Related Workers	130	144	14	10.8%		8	10	19	Bachiolor e augree		
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	84	93	9	10.7%		5	7		Bachelor's degree	None	None
27-2041 Music Directors and Composers	10	10	0	0.0%		1	1		Bachelor's degree	Less than 5 yrs.	None
27-2042 Musicians and Singers	31	31	0	0.0%		2	2	4	No formal education	None	Long-term OJT
27-3000 Media and Communication Workers	101	105	4	4.0%		3	6	9			J. J
27-3011 Radio and Television Announcers	n	n	n	n		n	n	n	Bachelor's degree	None	None
27-3023 News Analysts, Reporters, and Journalists	n	n	n	n		n	n		Bachelor's degree	None	None
27-3031 Public Relations Specialists	50	59	9	18.0%	•	1	4		Bachelor's degree	None	None
27-3041 Editors	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	None
27-3042 Technical Writers	n	n	n	n		n	n	n	Bachelor's degree	Less than 5 yrs.	Short-term OJT
27-3043 Writers and Authors	32	33	1	3.1%		1	2	3	Bachelor's degree	None	Long-term OJT
27-3099 Media and Communication Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
27-4000 Media and Communication Equipment Workers	42	46	4	9.5%		1	3	4			
27-4011 Audio and Video Equipment Technicians	n	n	n	n		n	n	n	Postsec. non-degree award	None	Short-term OJT
27-4012 Broadcast Technicians	n	n	n	n		n	n	n	Associate's degree	None	Short-term OJT
27-4021 Photographers	25	27	2	8.0%		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
27-4098 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	2,478	2,666	188	7.6%		65	76	160			
29-1000 Health Diagnosing and Treating Practitioners	1,862	2,014	152	8.2%		47	49	111			
29-1011 Chiropractors	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1021 Dentists, General	n	n	n	n		n	n	n	Doctoral/professional degree	None	None
29-1031 Dietitians and Nutritionists	n	n	n	n		n	n		Bachelor's degree	None	Internship/residency
29-1051 Pharmacists	86	84	-2	-2.3%		2	2	4	Doctoral/professional degree	None	None
29-1071 Physician Assistants	39	48	9	23.1%		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	131	149	18	13.7%	<b>A</b>	3	5		Master's degree	None	None
29-1123 Physical Therapists	101	111	10	9.9%	♠	2	2	5	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	126	163	37	29.4%	♠	3	5		Master's degree	None	Internship/residency
29-1128 Exercise Physiologists	n	n	n	n		n	n		Bachelor's degree	None	None
29-1131 Veterinarians	40	49	9	22.5%		1	1		Doctoral/professional degree	None	None
29-1141 Registered Nurses	886	928	42	4.7%		24	23	51	Associate's degree	None	None
29-1151 Nurse Anesthetists	n	n	n	n		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 Practitioners	49	73	24	49.0%	<b>A</b>	1	2	5	Master's degree	None	None

Lakes	Region Planning Commission					×				Long-term Occupati	ional Projectio	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	d	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	Family Medicine Physicians	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	General Internal Medicine Physicians	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Obstetricians and Gynecologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Pediatricians, General	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Psychiatrists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Physicians, All Other; and Ophthalmologists, Except Pediatric	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
	Surgeons, Except Ophthalmologists	n	n	n	n		n	n	n	Doctoral/professional degree	None	Internship/residency
29-1292	Dental Hygienists	138	140	2	1.4%		5	4	9	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	605	639	34	5.6%		18	26	47			
29-2010	Clinical Laboratory Technologists and Technicians	n	n	n	n		n	n	n	Bachelor's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	n	n	n	n		n	n	n	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	n	n	n	n		n	n	n	Associate's degree	None	None
29-2034	Radiologic Technologists	n	n	n	n		n	n	n	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	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
29-2052	Pharmacy Technicians	94	96	2	2.1%		3	4	7	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	n	n	n	n		n	n	n	Postsec. non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	71	91	20	28.2%	♠	2	4	8	Associate's degree	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	128	132	4	3.1%		4	5	9	Postsec. non-degree award	None	None
	Opticians, Dispensing	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	69	70	1	1.4%		2	3	5	Postsec. non-degree award	None	None
29-9000	Other Healthcare Practitioners and Technical Occupations	11	13	2	18.2%		0	0	0	_		
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, and Healthcare Practitioners, All Other											
		n	n	n	n		n	n	n	Postsec. non-degree award	None	None
	Healthcare Support Occupations	2,368	2,713	345	14.6%		154	152	340			
31-1100	Home Health and Personal Care Aides; and Nursing Assistants, Orderlies, and Psychiatric Aides	1,859	2,151	292	15.7%		128	114	271			
31-1120	Home Health and Personal Care Aides	1,174	1,442	268	22.8%	♠	84	74	185	HS diploma /equivalent	None	Short-term OJT
31-1131	Nursing Assistants	675	698	23	3.4%		44	39	85	Postsec. non-degree award	None	None
31-1132	Orderlies	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-1133	Psychiatric Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	52	69	17	32.7%		3	4	9			
31-2011	Occupational Therapy Assistants	n	n	n	n	<b>A</b>	n	n	n	Associate's degree	None	None
	Physical Therapist Assistants	n	n	n	n		n	n	n	Associate's degree	None	None
	Physical Therapist Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Other Healthcare Support Occupations	457	493	36	7.9%		22	34	60			
	Massage Therapists	89	101	12	13.5%	•	6	5	12	Postsec. non-degree award	None	None
	Dental Assistants	122	125	3	2.5%		6	9	15	Postsec. non-degree award	None	None
	Medical Assistants	144	158	14	9.7%	<b>^</b>	6	11	18	Postsec. non-degree award	None	None
	Medical Equipment Preparers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Pharmacy Aides	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
	Veterinary Assistants and Laboratory Animal Caretakers	26	32	6	23.1%	♠	1	3	5	HS diploma /equivalent	None	Short-term OJT
	Phlebotomists	n	n	n	n	$\left  \right $	n	n	n	Postsec. non-degree award	None	None
	Healthcare Support Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	None
	Protective Service Occupations	933	998	65	7.0%		42	52	100			
	Supervisors of Protective Service Workers	124	132	8	6.5%		3	5	9			
	First-Line Supervisors of Correctional Officers	n	n	n	n 5.0%	┝─┤	n	n	n	HS diploma /equivalent	,	None
33-1012	First-Line Supervisors of Police and Detectives	57	60	3	5.3%		1	2	3	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT

Lakes	Region Planning Commission					×				Long-term Occupat	ional Projecti	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Averag	ge Annual O	penings		cupational Prep	
Code	Occupation Title	Estimated	Projected	Change	Change	ort	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	First-Line Supervisors of Fire Fighting and Prevention Workers	51	55	4	7.8%	0	1	2	3	Postsec. non-degree award		Moderate-term OJT
	Miscellaneous First-Line Supervisors, Protective Service Workers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
	Fire Fighting and Prevention Workers	333	352	19	5.7%		8	18	28			
	Firefighters	333	352	19	5.7%		8	18	28	Postsec. non-degree award	None	Long-term OJT
33-3000	Law Enforcement Workers	304	318	14	4.6%		8	16	25			
-	Bailiffs	9	9	0	0.0%		0	0	0	HS diploma /equivalent	None	Moderate-term OJT
33-3012	Correctional Officers and Jailers	22	21	-1	-4.5%		1	1	2	HS diploma /equivalent	None	Moderate-term OJT
33-3021	Detectives and Criminal Investigators	23	23	0	0.0%		1	1	2	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT
-	Police and Sheriff's Patrol Officers	250	265	15	6.0%		6	13	21	HS diploma /equivalent	None	Moderate-term OJT
33-9000	Other Protective Service Workers	172	196	24	14.0%		24	14	40			
	Animal Control Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
33-9032	Security Guards	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
33-9091	Crossing Guards	91	104	13	14.3%	•	14	5	20	No formal education	None	Short-term OJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	38	49	11	28.9%	1	6	5	12	No formal education	None	Short-term OJT
33-9098	School Bus Monitors and Protective Service Workers, All Other	14	13	-1	-7.1%		2	2	4	HS diploma /equivalent	None	Short-term OJT
35-0000	Food Preparation and Serving Related Occupations	4,353	5,226	873	20.1%		341	490	918			
-	Supervisors of Food Preparation and Serving Workers	417	503	86	20.6%		20	47	76			
	Chefs and Head Cooks	53	63	10	18.9%	•	2	6	9	HS diploma /equivalent	5 yrs.or more	None
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	364	440	76	20.9%	•	18	41	67	HS diploma /equivalent	Less than 5 yrs.	None
35-2000	Cooks and Food Preparation Workers	1,238	1,521	283	22.9%		87	120	235		1	
35-2011	Cooks, Fast Food	235	232	-3	-1.3%		14	20	34	No formal education	None	Short-term OJT
35-2012	Cooks, Institution and Cafeteria	130	135	5	3.8%		8	11	19	No formal education	None	Short-term OJT
35-2013	Cooks, Private Household	18	18	0	0.0%		1	2	3	Postsec. non-degree award	Less than 5 yrs.	None
35-2014	Cooks, Restaurant	488	736	248	50.8%	•	36	52	113	No formal education	Less than 5 yrs.	Moderate-term OJT
35-2015	Cooks, Short Order	n	n	n	n	<b>^</b>	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	295	321	26	8.8%	<b>^</b>	24	28	55	No formal education	None	Short-term OJT
35-3000	Food and Beverage Serving Workers	2,298	2,713	415	18.1%		195	284	521			
35-3011	Bartenders	326	434	108	33.1%	۰	17	46	74	No formal education	None	Short-term OJT
35-3023	Fast Food and Counter Workers	864	957	93	10.8%	•	88	96	193	No formal education	None	Short-term OJT
35-3031	Waiters and Waitresses	1,020	1,221	201	19.7%	•	82	134	236	No formal education	None	Short-term OJT
35-3041	Food Servers, Nonrestaurant	88	101	13	14.8%	1	8	7	16	No formal education	None	Short-term OJT
35-9000	Other Food Preparation and Serving Related Workers	400	489	89	22.3%		39	40	88			
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	86	107	21	24.4%	•	8	8	18	No formal education	None	Short-term OJT
35-9021	Dishwashers	224	267	43	19.2%	•	18	20	42	No formal education	None	Short-term OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	81	104	23	28.4%	•	11	10	23	No formal education	None	Short-term OJT
35-9099	Food Preparation and Serving Related Workers, All Other	9	11	2	22.2%		1	1	2	No formal education	None	Short-term OJT
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,797	3,067	270	9.7%		154	222	403			
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	301	326	25	8.3%		11	22	35			
	First-Line Supervisors of Housekeeping and Janitorial Workers	117	126	9	7.7%		5	8	14	HS diploma /equivalent	Less than 5 yrs.	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	184	200	16	8.7%	♠	6	14	22	HS diploma /equivalent	Less than 5 yrs.	None
37-2000	Building Cleaning and Pest Control Workers	1,364	1,457	93	6.8%		91	96	196			
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	808	863	55	6.8%		52	59	117	No formal education	None	Short-term OJT
37-2012	Maids and Housekeeping Cleaners	525	557	32	6.1%		37	35	75	No formal education	None	Short-term OJT
37-2019	Building Cleaning Workers, All Other	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
37-2021	Pest Control Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
37-3000	Grounds Maintenance Workers	1,132	1,284	152	13.4%		52	104	171			
37-3011	Landscaping and Groundskeeping Workers	1,120	1,271	151	13.5%	<b>^</b>	51	102	168	No formal education	None	Short-term OJT
37-3013	Tree Trimmers and Pruners	n	n	n	n		n	n	n	HS diploma /equivalent	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
	Personal Care and Service Occupations	1,378	1,608	230	16.7%		97	121	241			
39-0000	Personal Care and Service Occupations	1,070	1,000	200	10.770		51	121	241			

Lakes	Region Planning Commission					k				Long-term Occupat	ional Projection	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	d	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
39-1013	First-Line Supervisors of Gambling Services Workers	n	n	n	n	0	n	n	n	HS diploma /equivalent		None
39-1018	First-Line Supervisors of Personal Service & Entertainment and Recreation										Ecos than 5 yrs.	None
	Workers, Exc Gambling Services	98	114	16	16.3%		4	7	13	HS diploma /equivalent	Less than 5 yrs.	None
39-2000	Animal Care and Service Workers	98	124	26	26.5%	T	7	9	19		Less than 5 yrs.	None
39-2000	Animal Care and Service Workers	19	22	3	15.8%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
39-2021	Nonfarm Animal Caretakers	79	102	23	29.1%	٨	6	8	16	HS diploma /equivalent	None	Short-term OJT
39-3000	Entertainment Attendants and Related Workers	208	270	62	29.8%	Т	23	27	56		None	
39-3011	Gaming Dealers	0	n 270	n	n 20.070		 n	n	0	HS diploma /equivalent	None	Short-term OJT
39-3021	Motion Picture Projectionists	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
39-3091	Amusement and Recreation Attendants	200	261	61	30.5%		22	26	54	No formal education	None	Short-term OJT
39-4000	Funeral Service Workers	n	n	n	n	T	 n	n	n		1 tono	
39-4000	Embalmers	n	n	n	n		n	n	n	Associate's degree	None	Long-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	201	240	39	19.4%		11	12	27		None	
39-5011	Barbers	30	33	3	10.0%		1	2	3	Postsec. non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	166	200	34	20.5%	٨	10	10	23	Postsec. non-degree award	None	None
39-5094	Skincare Specialists	5	7	2	40.0%	Т	0	0	0	Postsec. non-degree award	None	None
39-6000	Baggage Porters, Bellhops, and Concierges	n	n	n	n		n	n	n		None	None
39-6012	Concierges	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
39-7000	Tour and Travel Guides	19	21	2	10.5%		1	2	3		None	Moderate-term Off
39-7000	Tour and Travel Guides	n	n zi	∠ n	10.5% n		n	2 n	n	HS diploma /equivalent	None	Moderate-term OJT
39-9000	Other Personal Care and Service Workers	747	831	84	11.2%		50	64	122		None	Moderate-term Off
39-9000	Childcare Workers	432	453	21	4.9%		30	31	63	HS diploma /equivalent	None	Short-term OJT
39-9011	Fitness Trainers and Aerobics Instructors	432 51	68	17	33.3%		4	6	12	HS diploma /equivalent	None	Short-term OJT
39-9032	Recreation Workers	248	292	44	17.7%	T	16	26	46	HS diploma /equivalent	None	Short-term OJT
39-9032 39-9041	Residential Advisors	240 n	2.92 n	-4-4 n		Т	n	20 n	-+0 n	HS diploma /equivalent	None	Short-term OJT
39-9041 39-9098	Crematory Operators and Personal Care and Service Workers, All Other	n			n n			n	n	HS diploma /equivalent	None	Short-term OJT
			n F FOO	n			n				None	
41-0000	Sales and Related Occupations	5,798	5,589	-209	-3.6%		331	467	777			
41-1000 41-1011	Supervisors of Sales Workers First-Line Supervisors of Retail Sales Workers	911 857	850 797	-61 -60	<u>-6.7%</u> -7.0%		31 29	60 57	85 80	HS diploma /equivalent	Less than 5 yrs.	None
41-1011	First-Line Supervisors of Non-Retail Sales Workers	54	53	-00	-1.9%		29	3	5	HS diploma /equivalent	,	None
	-		3,754	-182	-4.6%		266	340	588	HS diploma /equivalent	Less than 5 yrs.	None
41-2000 41-2011	Retail Sales Workers	3,936	3,754 1,792	-182			266 159	179	322	No formal advection	None	Shart torm OIT
	Cashiers	1,952 132	1,792		-8.2% 4.5%		6	9	16	No formal education	None	Short-term OJT
41-2021	Counter and Rental Clerks	132		6	4.5%		5	9	16	No formal education	None	Short-term OJT
41-2022	Parts Salespersons		119	-1				-		No formal education	None	Moderate-term OJT
41-2031	Retail Salespersons	1,732	1,705	-27	-1.6%		96	142	235	No formal education	None	Short-term OJT
41-3000	Sales Representatives, Services	286	309	23	8.0%		9	21	32		N1	
41-3011	Advertising Sales Agents	n 101	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
41-3021	Insurance Sales Agents	124	127	3	2.4%		4	7	11	HS diploma /equivalent	None	Moderate-term OJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	n	n	n	n		n	n	n	Bachelor's degree	None	Moderate-term OJT
41-3041	Travel Agents Salas Banzasantativas of Sanvisas, Event Advartiging, Insurance, Financial	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	407	4.00		10 001		-	10	4-			
		125	149	24	19.2%	•	3	12	17	HS diploma /equivalent	None	Moderate-term OJT
	Sales Representatives, Wholesale and Manufacturing	411	414	3	0.7%		12	28	40			
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products				0.651		_		-		l	
44 4040		56	56	0	0.0%		2	4	6	Bachelor's degree	None	Moderate-term OJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products											
		355	358	3	0.8%		10	24	34	HS diploma /equivalent	None	Moderate-term OJT
	Other Sales and Related Workers	254	262	8	3.1%		13	17	31			
	Demonstrators and Product Promoters	n	n	n	n	Ŷ	n	n	n	No formal education	None	Short-term OJT
41-9021	Real Estate Brokers	119	127	8	6.7%		5	5	11	HS diploma /equivalent	Less than 5 yrs.	None
41-9041	Telemarketers	62	55	-7	-11.3%		3	6	8	No formal education	None	Short-term OJT
41-9099	Sales and Related Workers, All Other	54	54	0	0.0%		2	4	6	HS diploma /equivalent	None	None

Lakes Region Planning Commission					k				Long-term Occupation	nal Projectic	ons, 2020 to 2030
SOC	2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level Occup		
Code Occupation Title	Estimated	Projected	Change	Change	Dut	Exits <sup>1</sup>	Transfers <sup>2</sup>	Onenings <sup>3</sup>	Education	Experience	Job Training
43-0000 Office and Administrative Support Occupations	5,997	5,748	-249	-4.2%		285	353	613			
43-1000 Supervisors of Office and Administrative Support Workers	491	485	-6	-1.2%		18	30	47			
43-1011 First-Line Supervisors of Office and Administrative Support Workers	491	485	-6	-1.2%		18	30	47	HS diploma /equivalent Le	ess than 5 yrs.	None
43-2000 Communications Equipment Operators	n	n	n	n		n	n	n			
43-2011 Switchboard Operators, Including Answering Service	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Short-term OJT
43-3000 Financial Clerks	965	904	-61	-6.3%		51	50	95			
43-3011 Bill and Account Collectors	13	12	-1	-7.7%		0	1	1	HS diploma /equivalent No	one	Moderate-term OJT
43-3021 Billing and Posting Clerks	31	31	0	0.0%		1	2	3	HS diploma /equivalent No	one	Moderate-term OJT
43-3031 Bookkeeping, Accounting, and Auditing Clerks	715	687	-28	-3.9%		41	36	74		one	Moderate-term OJT
43-3051 Payroll and Timekeeping Clerks	45	40	-5	-11.1%		2	2	4	HS diploma /equivalent No	one	Moderate-term OJT
43-3061 Procurement Clerks	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Moderate-term OJT
43-3071 Tellers	153	127	-26	-17.0%		6	9	12	HS diploma /equivalent No	one	Short-term OJT
43-4000 Information and Record Clerks	1,427	1,401	-26	-1.8%		68	102	167			
43-4031 Court, Municipal, and License Clerks	50	53	3	6.0%		2	3	5	HS diploma /equivalent No	one	Long-term OJT
43-4041 Credit Authorizers, Checkers, and Clerks	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Moderate-term OJT
43-4051 Customer Service Representatives	686	665	-21	-3.1%		32	53	83	HS diploma /equivalent No	one	Short-term OJT
43-4061 Eligibility Interviewers, Government Programs	42	43	1	2.4%		2	2	4	HS diploma /equivalent No	one	Moderate-term OJT
43-4071 File Clerks	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Short-term OJT
43-4081 Hotel, Motel, and Resort Desk Clerks	n	n	n	n	♠	n	n	n	HS diploma /equivalent No	one	Short-term OJT
43-4111 Interviewers, Except Eligibility and Loan	82	75	-7	-8.5%		4	5	8	HS diploma /equivalent No	one	Short-term OJT
43-4121 Library Assistants, Clerical	56	54	-2	-3.6%		5	4	9	HS diploma /equivalent No	one	Short-term OJT
43-4131 Loan Interviewers and Clerks	81	85	4	4.9%		2	5	7	HS diploma /equivalent No	one	Short-term OJT
43-4141 New Accounts Clerks	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Moderate-term OJT
43-4151 Order Clerks	n	n	n	n		n	n	n	Some college, no degree No	one	Short-term OJT
43-4161 Human Resources Assistants, Except Payroll and Timekeeping	36	35	-1	-2.8%		1	2	3	Associate's degree No	one	None
43-4171 Receptionists and Information Clerks	202	204	2	1.0%		11	14	25		one	Short-term OJT
43-4181 Reservation and Transportation Ticket Agents and Travel Clerks	49	54	5	10.2%	<b>A</b>	2	4	6		one	Short-term OJT
43-4199 Information and Record Clerks, All Other	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Short-term OJT
43-5000 Material Recording, Scheduling, Dispatching, and Distributing Workers	771	744	-27	-3.5%		28	40	65			
43-5011 Cargo and Freight Agents	n	n	n	n		n	n	n	1 7 1	one	Short-term OJT
43-5021 Couriers and Messengers	n	n	n	n		n	n	n		one	Short-term OJT
43-5031 Police, Fire, and Ambulance Dispatchers	n	n	n	n		n	n	n		one	Moderate-term OJT
43-5032 Dispatchers, Except Police, Fire, and Ambulance	n	n	n	n		n	n	n		one	Moderate-term OJT
43-5041 Meter Readers, Utilities	n	n	n	n		n	n	n		one	Short-term OJT
43-5051 Postal Service Clerks	79	70	-9	-11.4%		3	3	5	1 7 1	one	Short-term OJT
43-5052 Postal Service Mail Carriers	132	117	-15	-11.4%		4	4	6		one	Short-term OJT
43-5061 Production, Planning, and Expediting Clerks	88	94	6	6.8%		3	6	10		one	Moderate-term OJT
43-5071 Shipping, Receiving, and Traffic Clerks	256	252	-4	-1.6%		9	15	24		one	Short-term OJT
43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping	n	n	n	n		n	n	n	HS diploma /equivalent No	one	Short-term OJT
43-6000 Secretaries and Administrative Assistants	1,091	994	-97	-8.9%		53	58	101			
43-6011 Executive Secretaries and Executive Administrative Assistants	96	77	-19	-19.8%		4	5	7		ess than 5 yrs.	None
43-6012 Legal Secretaries	n	n	n	n		n	n	n		one	Moderate-term OJT
43-6013 Medical Secretaries 43-6014 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	197	202	5	2.5%	-	10	11	21	HS diploma /equivalent No	one	Moderate-term OJT
TO THE DEGRETATION AND AND AND AND AND AND AND AND AND AN	700	700	0.1	40.00/			40	70			
	789	708	-81	-10.3%		38	42	72	HS diploma /equivalent No	one	Short-term OJT
43-9000 Other Office and Administrative Support Workers	1,247	1,216	-31	-2.5%		66	73	136	US dialong / aguintent		Shart tarm OIT
43-9021 Data Entry Keyers 43-9022 Word Processors and Typists	19	16	-3	-15.8%		1	1	2	1 7 1	one one	Short-term OJT Short-term OJT
43-9022 Word Processors and Typists 43-9041 Insurance Claims and Policy Processing Clerks	n 45	n 44	n -1	n -2.2%		n 2	n 3	n 5			Short-term OJT Moderate-term OJT
43-9041 Insurance Claims and Policy Processing Clerks 43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service	45 n	44 n		-2.2% n		 n	3 n	5 n		one one	Short-term OJT
43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service 43-9061 Office Clerks, General	n 1,166	n 1,142	n -24	n -2.1%	-	63	68	n 129		one	Short-term OJT
43-9001 Office Machine Operators, Except Computer	n 1,100	n, 142	-24 n			03	n	129 n		one	Short-term OJT
				n			-				
43-9081 Proofreaders and Copy Markers	n	n	n	n		n	n	n	Bachelor's degree No	one	None

45-1000         Sup           45-1011         Firs           45-2000         Agri           45-2041         Gra           45-2091         Agri           45-2092         Farr           45-2093         Farr           45-4000         Fore           45-4011         Fore	Occupation Title ming, Fishing, and Forestry Occupations pervisors of Farming, Fishing, and Forestry Workers st-Line Supervisors of Farming, Fishing, and Forestry Workers	2020 Estimated	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level O	ccupational Prep	
45-0000         Farr           45-1000         Sup           45-1011         Firs           45-2000         Agri           45-2001         Gra           45-2002         Farr           45-2003         Farr           45-2004         Farr           45-2005         Farr           45-2006         Fore           45-2007         Fore           45-2008         Fore           45-4001         Fore	ming, Fishing, and Forestry Occupations pervisors of Farming, Fishing, and Forestry Workers	Estimated								Entry-ECVCI O	ccupational Frep	aration
45-0000         Farr           45-1000         Sup           45-1011         Firs           45-2000         Agri           45-2001         Gra           45-2002         Farr           45-2003         Farr           45-2004         Farr           45-2005         Farr           45-2006         Fore           45-2007         Fore           45-2008         Fore           45-4001         Fore	ming, Fishing, and Forestry Occupations pervisors of Farming, Fishing, and Forestry Workers		Projected	Change	Change	Dut	Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
45-1000         Sup           45-1011         Firs           45-2000         Agri           45-2041         Gra           45-2091         Agri           45-2092         Farr           45-2093         Farr           45-4000         Fore           45-4011         Fore	pervisors of Farming, Fishing, and Forestry Workers	313	333	20	6.4%		13	37	52			
45-1011 Firs 45-2000 Agri 45-2041 Gra 45-2091 Agri 45-2092 Farr 45-2093 Farr 45-2093 Farr 45-4000 Fore 45-4011 Fore		16	17	1	6.3%		1	2	3			
45-2000         Agri           45-2041         Gra           45-2091         Agri           45-2092         Farr           45-2093         Farr           45-4000         Fore           45-4011         Fore	st-Line Supervisors of Farming, Fishing, and Forestry workers	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	None
45-2041 Gra 45-2091 Agri 45-2092 Farr 45-2093 Farr 45-4000 Fore 45-4011 Fore	ricultural Workers	268	285	17	6.3%		12	32	46			
45-2091         Agri           45-2092         Farr           45-2093         Farr           45-4000         Fore           45-4011         Fore	aders and Sorters, Agricultural Products	4	4	0	0.0%		0	0	0	No formal education	None	Short-term OJT
45-2092 Farr 45-2093 Farr 45-4000 Fore 45-4011 Fore	ricultural Equipment Operators	19	23	4	21.1%		1	2	3	No formal education	None	Moderate-term OJT
45-4000 Fore 45-4011 Fore	mworkers and Laborers, Crop, Nursery, and Greenhouse	233	245	12	5.2%		10	27	38	No formal education	None	Short-term OJT
45-4011 Fore	mworkers, Farm, Ranch, and Aquacultural Animals	12	13	1	8.3%		0	1	1	No formal education	None	Short-term OJT
45-4011 Fore	rest, Conservation, and Logging Workers	29	31	2	6.9%		1	4	5			
45-4022 Log	rest and Conservation Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	nging Equipment Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
45-4023 Log	g Graders and Scalers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-0000 Con	nstruction and Extraction Occupations	2,368	2,530	162	6.8%		75	168	259			
47-1000 Sup	pervisors of Construction and Extraction Workers	284	303	19	6.7%		8	19	29			
47-1011 Firs	st-Line Supervisors of Construction Trades and Extraction Workers	284	303	19	6.7%		8	19	29	HS diploma /equivalent	5 yrs.or more	None
47-2000 Con	nstruction Trades Workers	1,674	1,804	130	7.8%		51	119	183			
47-2021 Bric	ckmasons and Blockmasons	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2022 Stor	nemasons	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2031 Car	rpenters	295	297	2	0.7%		9	18	27	HS diploma /equivalent	None	Apprenticeship
47-2051 Cen	ment Masons and Concrete Finishers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-2061 Con	nstruction Laborers	432	477	45	10.4%	<b>^</b>	13	31	48	No formal education	None	Short-term OJT
47-2071 Pav	ving, Surfacing, and Tamping Equipment Operators	n	n	n	n	•	n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-2072 Pile	e-Driver Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-2073 Ope	erating Engineers and Other Construction Equipment Operators	165	181	16	9.7%		6	12	20	HS diploma /equivalent	None	Moderate-term OJT
	ctricians	317	356	39	12.3%	•	10	25	39	HS diploma /equivalent	None	Apprenticeship
47-2121 Gla	aziers	n	n	n	n	_	n	n	n	HS diploma /equivalent	None	Apprenticeship
47-2131 Insu	ulation Workers, Floor, Ceiling, and Wall	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-2141 Pair	inters, Construction and Maintenance	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-2151 Pipe	elayers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-2152 Plur	mbers, Pipefitters, and Steamfitters	118	129	11	9.3%	•	4	9	14	HS diploma /equivalent	None	Apprenticeship
47-2181 Roo	ofers	n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
47-2221 Stru	uctural Iron and Steel Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Apprenticeship
47-3000 Help	Ipers, Construction Trades	93	96	3	3.2%		3	8	11			
47-3011 Help	IpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters											
		n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-3012 Helr	lpersCarpenters	n	n	n	n		n	n	n	No formal education	None	Short-term OJT
47-3013 Help	lpersElectricians	80	83	3	3.8%		2	7	9	HS diploma /equivalent	None	Short-term OJT
47-4000 Oth	ner Construction and Related Workers	287	294	7	2.4%		11	19	31			
47-4011 Con	nstruction and Building Inspectors	30	27	-3	-10.0%		2	2	4	HS diploma /equivalent	5 yrs.or more	Moderate-term OJT
47-4041 Haz	zardous Materials Removal Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
47-4051 High	hway Maintenance Workers	206	214	8	3.9%		8	13	22	HS diploma /equivalent	None	Moderate-term OJT
47-4071 Sep	ptic Tank Servicers and Sewer Pipe Cleaners	50	52	2	4.0%		2	4	6	HS diploma /equivalent	None	Moderate-term OJT
47-5000 Extr	traction Workers	30	33	3	10.0%		1	3	4			
47-5022 Exc	cavating 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
	IpersExtraction Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	rth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling perts, and Blasters	n	n	n	n		n	n	n	HS diploma /equivalent	Less than 5 yrs.	Long-term OJT
49-0000 Inst	tallation, Maintenance, and Repair Occupations	1,787	1,961	174	9.7%		60	120	197		· · · ·	
	pervisors of Installation, Maintenance, and Repair Workers	133	149	16	12.0%		4	8	14			
	st-Line Supervisors of Mechanics, Installers, and Repairers	133	149	16	12.0%		4	8	14	HS diploma /equivalent	Less than 5 yrs.	None
	ectrical and Electronic Equipment Mechanics, Installers, and Repairers	101	104	3	3.0%		3	7	10			
	mputer, Automated Teller, and Office Machine Repairers	n	n	n	n		n	n	n	Some college, no degree	None	Short-term OJT
	dio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n		n	n	n	Associate's degree	None	Moderate-term OJT

Lake	Region Planning Commission					×				Long-term Occupat	ional Projection	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	8	Avera	ge Annual O	penings	Entry-Level Oc	cupational Prep	aration
Code	Occupation Title	Estimated	Projected	Change	Change	Outlook	Exits <sup>1</sup>	Transfers <sup>2</sup>	Onenings <sup>3</sup>	Education	Experience	Job Training
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
49-2091	Avionics Technicians	n	n	n	n		n	n	n	Associate's degree	None	None
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	31	32	1	3.2%		1	2	3	Postsec. non-degree award	None	Long-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	456	466	10	2.2%		15	31	47			
49-3011	Aircraft Mechanics and Service Technicians	n	n	n	n <u>2.2</u> 70		n	n	n	Postsec. non-degree award	None	None
49-3021	Automotive Body and Related Repairers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-3023	Automotive Service Technicians and Mechanics	215	208	-7	-3.3%		6	14	19	Postsec. non-degree award	None	Short-term OJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	36	38	2	5.6%		1	2	3	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	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
49-3051	Motorboat Mechanics and Service Technicians	51	57	6	11.8%		2	4	7	HS diploma /equivalent	None	Long-term OJT
49-3052		n	n	n	n	T	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
49-3093	Tire Repairers and Changers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
49-9000	Other Installation, Maintenance, and Repair Occupations	1,097	1,242	145	13.2%		38	74	126		None	
49-9000	Control and Valve Installers and Repairers, Except Mechanical Door	1,097 n	n 1,242	145 n	n 13.2 %		n	n n	n 120	HS diploma /equivalent	None	Moderate-term OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	158	162	4	2.5%		4	11	15	Postsec. non-degree award	None	Long-term OJT
49-9031	Home Appliance Repairers	n	n	n 4	2.5 /0			n	n	HS diploma /equivalent	None	Moderate-term OJT
49-9031	Industrial Machinery Mechanics	166	212	46	27.7%	•	6	10	21	HS diploma /equivalent	None	Long-term OJT
49-9041	Maintenance Workers, Machinery	n	n	40 n	27.770 n	Т	n	n	n	HS diploma /equivalent	None	
49-9043	Electrical Power-Line Installers and Repairers				n		n	n	n	HS diploma /equivalent	None	Long-term OJT Long-term OJT
49-9051	Telecommunications Line Installers and Repairers	n	n	n n			n				None	
		n 472	n 549	77	n 16.3%			n 30	n	HS diploma /equivalent	-	Long-term OJT
49-9071	Maintenance and Repair Workers, General					♠	18		56	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	n	n	n	n	<b>↑</b>	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	3,033	2,964	-69	-2.3%		108	212	313			
51-1000	Supervisors of Production Workers	211	220	9	4.3%		6	14	21			
51-1011	First-Line Supervisors of Production and Operating Workers	211	220	9	4.3%		6	14	21	HS diploma /equivalent	Less than 5 yrs.	None
51-2000	Assemblers and Fabricators	522	469	-53	-10.2%		19	34	48			
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, Tapers, and Finishers			_			_					
54 0000		165	170	5	3.0%		7	11	18	HS diploma /equivalent	None	Moderate-term OJT
51-2090	Miscellaneous Assemblers and Fabricators	344	288	-56	-16.3%		12	23	29	HS diploma /equivalent	None	Moderate-term OJT
51-3000	Food Processing Workers	47	47	0	0.0%		2	3	5			
51-3011	Bakers	n	n	n	n		n	n	n	No formal education	None	Long-term OJT
51-3021	Butchers and Meat Cutters	34	32	-2	-5.9%		1	2	3	No formal education	None	Long-term OJT
51-3099		n	n	n	n		n	n	n	No formal education	None	Moderate-term OJT
51-4000		1,027	1,036	9	0.9%		34	70	105			
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	84	82	-2	-2.4%		3	6	9	HS diploma /equivalent	None	Moderate-term OJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and		52	-		╞─┤	v	Ť	Ŭ			
	Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT

Lakes	Region Planning Commission					<b>_</b>				Long-term Occupat	ional Projecti	ons, 2020 to 2030
SOC		2020	2030	Numeric	Percent	Outlook	Avera	ge Annual O	penings	Entry-Level O	cupational Pre	paration
Code	Occurrentian Title	Estimated		Change	Change	ntl	Exits <sup>1</sup>	1	Openings <sup>3</sup>	Education	Experience	Job Training
	Occupation Title Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	Estimateu	Filletieu	Change	Change	0	EXILS	Transfers	Openings	Education	Experience	JOD Hanning
	Tenders, Metal and Plastic	61	59	-2	-3.3%		3	4	7	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
51-4041	Machinists	245	272	27	11.0%	1	9	18	30	HS diploma /equivalent	None	Long-term OJT
51-4051	Metal-Refining Furnace Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4052	Pourers and Casters, Metal	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4061	Model Makers, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4062	Patternmakers, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4071	Foundry Mold and Coremakers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	151	139	-12	-7.9%		5	10	14	HS diploma /equivalent	None	Moderate-term OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	31	32	1	3.2%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT
51-4111	Tool and Die Makers	36	36	0	0.0%		1	2	3	Postsec. non-degree award	None	Long-term OJT
	Welders, Cutters, Solderers, and Brazers	68	76	8	11.8%	٠	2	6	9	HS diploma /equivalent	None	Moderate-term OJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic											
	· ····································	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4194	Tool Grinders, Filers, and Sharpeners	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-4199	Metal Workers and Plastic Workers, All Other	117	115	-2	-1.7%		4	8	12	HS diploma /equivalent	None	Moderate-term OJT
51-5100	Printing Workers	19	19	0	0.0%		1	1	2			
51-5112	Printing Press Operators	18	18	0	0.0%		1	1	2	HS diploma /equivalent	None	Moderate-term OJT
	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	128	133	5	3.9%		8	8	16			
51-6011	Laundry and Dry-Cleaning Workers	54	59	5	9.3%	•	4	4	8	No formal education	None	Short-term OJT
51-6031	Sewing Machine Operators	7	9	2	28.6%	-	0	0	0	No formal education	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
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-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
51-6099	Textile, Apparel, and Furnishings Workers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT
51-7000	Woodworkers	50	54	4	8.0%		2	4	6			
51-7011	Cabinetmakers and Bench Carpenters	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-7099	Woodworkers, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-8000	Plant and System Operators	97	88	-9	-9.3%		2	6	7			
51-8013	Power Plant Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
51-8021	Stationary Engineers and Boiler Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Long-term OJT
	Water and Wastewater Treatment Plant and System Operators	64	60	-4	-6.3%		2	4	6	HS diploma /equivalent	None	Long-term OJT
	Plant and System Operators, All Other	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Other Production Occupations	932	898	-34	-3.6%		33	71	101			
51-9000	Chemical Equipment Operators and Tenders	932 n	090 n	-34 n	-3.0%		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders											
F4 0004		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	21	23	2	9.5%	-	1	2	3	HS diploma /equivalent	None	Moderate-term OJT
	Mixing and Blending Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	340	299	-41	-12.1%		12	25	33	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

Lakes Region Planning Commission							Long-term Occupational Projections, 2020 to 2030					
SOC	2020	2030	Numeric	Percent	8	Average Annual Openings		penings	Entry-Level Occupational Preparation		aration	
Code Occupation Title	Estimated	Projected	Change	Change	Outlook	<b>Exits</b> <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	29	29	0	0.0%		1	2	3	HS diploma /equivalent	None	Moderate-term OJT	
51-9161 Computer Numerically Controlled Tool Operators	325	324	-1	-0.3%		11	24	35	HS diploma /equivalent	None	Moderate-term OJT	
51-9162 Computer Numerically Controlled Tool Programmers	n	n	n	n		n	n	n	Postsec. non-degree award	None	Moderate-term OJT	
51-9191 Adhesive Bonding Machine Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9196 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	64	56	-8	-12.5%		3	6	8	HS diploma /equivalent	None	Short-term OJT	
51-9199 Production Workers, All Other	39	43	4	10.3%		1	3	4	HS diploma /equivalent	None	Moderate-term OJT	
53-0000 Transportation and Material Moving Occupations	3,132	3,357	225	7.2%		159	252	433				
53-1000 Supervisors of Transportation and Material Moving Workers	137	141	4	2.9%		5	10	15				
53-1047 FirstLine Supervisors of Transportation & Material Moving Workers, Exc Aircraft												
Cargo Handling Supervisor	137	141	4	2.9%		5	10	15	HS diploma /equivalent	Less than 5 yrs.	None	
53-2000 Air Transportation Workers	n	n	n	n		n	n	n				
53-2012 Commercial Pilots	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-3000 Motor Vehicle Operators	1,357	1,513	156	11.5%		70	90	176				
53-3031 Driver/Sales Workers	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-3032 Heavy and Tractor-Trailer Truck Drivers	626	672	46	7.3%		27	44	76	Postsec. non-degree award	None	Short-term OJT	
53-3033 Light Truck or Delivery Services Drivers	297	305	8	2.7%		12	20	33	HS diploma /equivalent	None	Short-term OJT	
53-3058 Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	355	454	99	27.9%	<b>^</b>	27	20	57	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	n	n	n	n		n	n	n				
53-4041 Subway and Streetcar Operators	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-5000 Water Transportation Workers	n	n	n	n		n	n	n				
53-5022 Motorboat Operators	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	52	55	3	5.8%		2	5	7				
53-6011 Bridge and Lock Tenders	n	n	n	n		n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-6021 Parking Lot Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-6031 Automotive and Watercraft Service Attendants	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-6041 Traffic Technicians	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-6051 Transportation Inspectors	n	n	n	n		n	n	n	HS diploma /equivalent	None	Moderate-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	
53-7000 Material Moving Workers	1,572	1,628	56	3.6%		81	146	233				
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	108	110	2	1.9%		3	8	11	No formal education	None	Short-term OJT	
53-7061 Cleaners of Vehicles and Equipment	77	91	14	18.2%	<b>A</b>	4	8	13	No formal education	None	Short-term OJT	
53-7062 Laborers and Freight, Stock, and Material Movers, Hand	301	310	9	3.0%		13	27	41	No formal education	None	Short-term OJT	
53-7063 Machine Feeders and Offbearers	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-7064 Packers and Packagers, Hand	n	n	n	n		n	n	n	No formal education	None	Short-term OJT	
53-7065 Stockers and Order Fillers	769	815	46	6.0%		45	77	127	HS diploma /equivalent	None	Short-term OJT	
53-7081 Refuse and Recyclable Material Collectors	138	145	7	5.1%		6	13	20	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

Lakes Region Planning Commission						¥		Long-term Occupati	onal Projectio	ns, 2020 to 2030	
	SOC		2020	2030	Numeric	Percent	tloo	Average Annual Openings	Entry-Level Occupational Preparation		
	Code	Occupation Title	Estimated	Projected	Change	Change	o	Exits <sup>1</sup> Transfers <sup>2</sup> Openings <sup>3</sup>	Education	Experience	Job Training

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.