

# New Hampshire Employment Projections

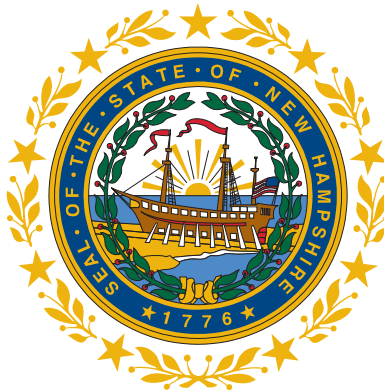
base year 2018, projected to 2028



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# **New Hampshire Employment Projections by Industry and Occupation**

***base year 2018 to projected year 2028***



**State of New Hampshire**  
Christopher T. Sununu, *Governor*

**New Hampshire Employment Security**  
George N. Copadis, *Commissioner*

**Economic and Labor Market Information Bureau**  
Brian Gottlob, *Director*

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### **Economic and Labor Market Information Bureau**

Michael Argiropolis, *Labor Market Analyst*

Annette Nielsen, *Economist*

### **Web Publishing, Layout and Printing Services**

NHES Reproduction Department

For further information about this analysis, contact:

Michael Argiropolis

603-229-4377 | [Michael.G.Argiropolis@nhes.nh.gov](mailto:Michael.G.Argiropolis@nhes.nh.gov)

Annette Nielsen

603-229-4427 | [Annette.Nielsen@nhes.nh.gov](mailto:Annette.Nielsen@nhes.nh.gov)

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# New Hampshire Employment Projections by Industry and Occupation

## Projections Highlights

Over a ten-year period from 2018 to 2028, total employment in New Hampshire is projected to grow by 5.3 percent. Estimated employment is expected to increase from 704,622 to 741,886, a gain of 37,264 jobs. Annually, 86,352 job openings are projected, from a combination of new job growth, labor force exits, and occupational transfers.<sup>1</sup>

- Projected employment gains by industry sector will be highest in the *Healthcare and social assistance* sector, an increase of 12,864 jobs by 2028, nearly one third of all new jobs. The *Professional, scientific, and technical services* sector (6,852 jobs) and *Accommodation and food services* (4,838) round up the top three sectors. Combined, these sectors account for two-thirds of all new jobs.
- The *Professional, scientific, and technical services* sector is expected to grow the fastest, with employment increasing by 18.1 percent over the ten-year projections period; followed by the *Healthcare and social assistance* sector, projected to grow by 13.8 percent.
- Employment in all but two of the 22 major occupational groups is projected to increase, led by *Food preparation and serving related occupations*, adding 5,400 jobs, and *Healthcare practitioners and technical occupations*, adding 5,100 jobs between 2018 and 2028. Both *Office and administrative support occupations* and *Production occupations* are expected to decline by at least 1,000 jobs during the projections period.
- *Personal care and service occupations* are projected to be the fastest-growing major occupational group, with an expected increase of 16.2 percent. *Community and social service occupations* (15.0 percent), and *Computer and mathematical occupations* (14.7 percent) round out the top three.
- Major occupational groups with the most openings include *Office and administrative support occupations* (13,000 annual openings), *Sales and related occupations* (11,800 openings) and *Food preparation and serving related occupations* (11,300 openings).

## COVID-19 Impact

Long-term projections for 2018-2028 were completed as New Hampshire, as well as the nation, faced the economic impacts of the COVID-19 pandemic. Upon discussion with the U.S. Bureau of Labor Statistics, it was decided that the best option would be to release the projections data as planned.

Keep in mind employment projections should be used as a general guideline for career outlook and are not intended to be a precise estimate. In general, employment projections make no assumptions about business cycle fluctuations, natural disasters, or other catastrophic events.

Long-term employment projections are intended to capture structural change in the economy. It is possible that the pandemic may cause structural changes, or accelerate or delay ongoing structural changes, but it is too early to determine.

<sup>1</sup> See page 5 for a detailed explanation of labor force exits and occupational transfers.

## Occupational Outlook Indicators

The occupational projections tables starting on page 6 include a symbol that indicates the expected employment prospects for an occupation. The outlook is based on two factors: the projected growth rate and the projected number of openings for the occupation from 2018 to 2028.

- ↑ **Very Favorable.** Occupations that combine a high rate of growth and a large number of annual job openings are described as *very favorable*. These occupations are expected to provide the best employment opportunities through 2028.
- ↗ **Favorable.** Occupations that have a low rate of growth combined with a very high or high number of job openings are considered *favorable*. An occupation may also be *favorable* if the growth rate is better than average but the number of job openings is below average; or the growth rate is average and the number of job openings is average or better.
- ↘ **Less Favorable.** Occupations considered *less favorable* have better expected opportunities than the least favorable category, either because of a higher growth rate or a larger number of projected job openings.
- ↓ **Not Favorable.** Occupations identified as *not favorable* have a negative rate of growth and few annual openings per year. These occupations are not expected to be significant sources of jobs through 2028.

## Entry-Level Education, Work Experience, and Post-Hire Training

For each occupation, the typical education, related work experience, and post-hire training expected of entry-level workers have been identified. The first two categories show the educational attainment and work experience in a related occupation expected before an individual is employed. The last category refers to on-the-job training, apprenticeship, internship, or residency typically conducted after the individual has entered into employment.

### Educational Attainment

These categories indicate the typical level of education most workers need for an entry-level position in the occupation:

- Doctoral (PhD) or professional degree (i.e., MD, DD, JD, DC)
- Master's degree (i.e., MA, MS, MEd)
- Bachelor's degree (i.e., BS, BA, BFA)
- Associate's degree (i.e., AS, AA)
- Postsecondary non-degree award (program completion, i.e., CNA, cosmetologist)
- Some college, no degree
- High school diploma or equivalent (GED)
- No formal educational credential

### Work Experience

Some occupations require work experience in a related occupation as an entry-level qualification. Frequently, these occupations are managerial or supervisory positions, where the worker performs the same job tasks as the workers under their supervision, such as *Retail supervisors*, *Marketing managers*, or *Construction managers*. Non-supervisory workers may also have an experience requirement, such as *Restaurant cooks* or *Industrial truck and tractor operators*. The work experience categories are: *less than five years*, *five years or more*, or *none*.

### Post-Hire Training

This category identifies additional training or preparation typically needed to gain competency in the occupation once the worker is employed. This type of training is occupation-specific, not job-specific, meaning skills can be transferred to another job in the same occupation. The job training categories are:

- Internship or residency
- Apprenticeship
- Long-term on-the-job training (over 12 months)
- Moderate-term on-the-job training (one to 12 months)
- Short-term on-the-job training (one month or less of informal training)
- None

## Projections Methodology: Annual Job Openings

U.S. Bureau of Labor Statistics has developed a methodology for estimating annual job openings that tries to incorporate workforce dynamics of the twenty-first century. This methodology recognizes that an individual may have several career changes throughout the course of their working life.

National separation rates, calculated by the U.S. Bureau of Labor Statistics, are used to estimate separations on a statewide basis, which are the number of workers in New Hampshire projected to leave an occupation to retire, leave the labor force for reasons other than retirement, or to transfer to a different occupation. Separation rates are used to estimate the number of workers who permanently leave an occupation and need to be replaced by a new entrant into that occupation. This is not a measure of turnover, referred to as movement within an occupation. An example of turnover is a Cashier leaving one retail establishment to take a job at another establishment.

Labor force **exits** are defined as workers that leave the workforce entirely to go to school, start a family, or retire, for example. Occupational **transfers** are defined as workers that leave one occupation to become employed in some other occupation in a different occupational group, due to promotion or simply a job change.

Total projected annual job openings are the combination of labor force exits, occupational transfers, and openings created from growth. As a worker departs a position, whether to exit the labor force or to change occupations, a job opening is created. Job openings are also created from new growth, which is simply the annualized difference between base year employment and projected employment. Growth occurs when there is demand for workers in an occupation, often due to increased demand for products and services produced by the industries that employ those workers. Growth for an occupation can be negative, such as when changes in technology result in fewer workers needed to achieve the same level of labor productivity.

The number of job openings projected for a specific occupation is correlated with the number of individuals currently employed in the occupation. Occupations with higher estimated employment usually have a large number of annual job openings, while occupations with fewer workers are expected to have fewer annual job openings.<sup>2</sup>

Some of the advantages of the new methodology are that it makes a distinction between the volume of workers who will be exiting the workforce as the baby boomer generation ages into retirement and workers who change careers and move from one occupation to another.

Projected job openings for an occupation should not be viewed as a precise estimate of the number of expected openings but more as a general guide to the magnitude of job openings in comparison to other occupations. In addition, long-term projections for prior periods should not be used as a comparison to determine how occupational demand has changed over time.

<sup>2</sup> Occupational Separations Methodology Frequently Asked Questions. U.S. Bureau of Labor Statistics.  
[www.bls.gov/emp/documentation/separations-faqs.htm](http://www.bls.gov/emp/documentation/separations-faqs.htm)

# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
	<b>Total, All Occupations</b>	<b>704,622</b>	<b>741,886</b>	<b>37,264</b>	<b>5.3%</b>	<b>31,750</b>	<b>50,876</b>	<b>86,352</b>		
11-0000	<b>Management Occupations</b>	<b>46,359</b>	<b>50,052</b>	<b>3,693</b>	<b>8.0%</b>	<b>1,253</b>	<b>2,799</b>	<b>4,421</b>		
11-1011	Chief Executives	824	788	-36	-4.4%	22	36	54	↗	Bachelor's   5+ yrs   none
11-1021	General and Operations Managers	13,272	14,326	1,054	7.9%	289	909	1,303	↑	Bachelor's   5+ yrs   none
11-1031	Legislators	351	371	20	5.7%	9	18	29	↗	Bachelor's   < 5 yrs   none
11-2011	Advertising and Promotions Managers	46	46	0	0.0%	1	3	4	↓	Bachelor's   < 5 yrs   none
11-2021	Marketing Managers	1,197	1,305	108	9.0%	25	86	122	↑	Bachelor's   5+ yrs   none
11-2022	Sales Managers	1,659	1,796	137	8.3%	35	118	167	↑	Bachelor's   < 5 yrs   none
11-2031	Public Relations and Fundraising Managers	484	533	49	10.1%	11	32	48	↗	Bachelor's   5+ yrs   none
11-3011	Administrative Services Managers	950	1,015	65	6.8%	27	55	88	↑	Bachelor's   < 5 yrs   none
11-3021	Computer and Information Systems Managers	2,495	2,804	309	12.4%	45	161	237	↑	Bachelor's   5+ yrs   none
11-3031	Financial Managers	3,698	4,331	633	17.1%	87	223	373	↑	Bachelor's   5+ yrs   none
11-3051	Industrial Production Managers	1,201	1,219	18	1.5%	26	62	90	↗	Bachelor's   5+ yrs   none
11-3061	Purchasing Managers	478	500	22	4.6%	12	29	43	↗	Bachelor's   5+ yrs   none
11-3071	Transportation, Storage, and Distribution Managers	468	494	26	5.6%	10	27	40	↗	High School   5+ yrs   none
11-3111	Compensation and Benefits Managers	78	80	2	2.6%	2	5	7	↘	Bachelor's   5+ yrs   none
11-3121	Human Resources Managers	700	758	58	8.3%	16	45	67	↗	Bachelor's   5+ yrs   none
11-3131	Training and Development Managers	157	164	7	4.5%	4	10	15	↘	Bachelor's   5+ yrs   none
11-9013	Farmers, Ranchers, and Other Agricultural Managers	3,989	3,922	-67	-1.7%	246	147	386	↗	High School   5+ yrs   none
11-9021	Construction Managers	1,907	2,095	188	9.9%	42	102	163	↑	Bachelor's   none   Moderate OJT
11-9031	Education Administrators, Preschool and Childcare Center/Program	473	507	34	7.2%	13	25	41	↗	Bachelor's   < 5 yrs   none
11-9032	Education Administrators, Elementary and Secondary School	1,458	1,479	21	1.4%	38	76	116	↗	Master's   5+ yrs   none
11-9033	Education Administrators, Postsecondary	810	861	51	6.3%	22	43	70	↗	Master's   < 5 yrs   none
11-9039	Education Administrators, All Other	74	85	11	14.9%	2	4	7	↗	Bachelor's   < 5 yrs   none

n = Employment data do not meet disclosure standards



# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
11-9041	Architectural and Engineering Managers	1,443	1,531	88	6.1%	26	81	116	↑	Bachelor's   5+ yrs   none
11-9051	Food Service Managers	1,489	1,650	161	10.8%	48	132	196	↑	High School   < 5 yrs   none
11-9061	Funeral Service Managers	74	78	4	5.4%	2	4	6	↘	Associate's   < 5 yrs   none
11-9071	Gaming Managers	n	n	n	n	n	n	n	↓	High School   < 5 yrs   none
11-9081	Lodging Managers	329	342	13	4.0%	11	24	36	↗	High School   < 5 yrs   none
11-9111	Medical and Health Services Managers	2,003	2,339	336	16.8%	53	119	206	↑	Bachelor's   < 5 yrs   none
11-9121	Natural Sciences Managers	185	205	20	10.8%	4	13	19	↗	Bachelor's   5+ yrs   none
11-9131	Postmasters and Mail Superintendents	155	126	-29	-18.7%	4	7	8	↓	High School   < 5 yrs   Moderate OJT
11-9141	Property, Real Estate, and Community Association Managers	1,077	1,176	99	9.2%	42	45	97	↑	High School   < 5 yrs   none
11-9151	Social and Community Service Managers	828	957	129	15.6%	27	51	91	↑	Bachelor's   < 5 yrs   none
11-9161	Emergency Management Directors	n	n	n	n	n	n	n	↓	Bachelor's   5+ yrs   none
11-9199	Managers, All Other	1,948	2,110	162	8.3%	51	102	169	↑	Bachelor's   < 5 yrs   none
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>30,830</b>	<b>33,254</b>	<b>2,424</b>	<b>7.9%</b>	<b>889</b>	<b>2,144</b>	<b>3,275</b>		
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n	n	n	n	n	n	n	↓	Bachelor's   < 5 yrs   none
13-1020	Buyers and Purchasing Agents	2,441	2,298	-143	-5.9%	75	172	233	↗	Bachelor's   none   Moderate OJT
13-1031	Claims Adjusters, Examiners, and Investigators	1,088	1,045	-43	-4.0%	26	64	86	↗	High School   none   Long OJT
13-1032	Insurance Appraisers, Auto Damage	n	n	n	n	n	n	n	↘	Postsecondary   none   Moderate OJT
13-1041	Compliance Officers	1,428	1,545	117	8.2%	41	89	142	↑	Bachelor's   none   Moderate OJT
13-1051	Cost Estimators	913	989	76	8.3%	24	70	102	↑	Bachelor's   none   Moderate OJT
13-1071	Human Resources Specialists	2,522	2,688	166	6.6%	70	192	279	↑	Bachelor's   none   none
13-1074	Farm Labor Contractors	n	n	n	n	n	n	n	↓	none   < 5 yrs   Short OJT
13-1075	Labor Relations Specialists	143	140	-3	-2.1%	4	10	14	↓	Bachelor's   < 5 yrs   none
13-1081	Logisticians	644	684	40	6.2%	16	48	68	↗	Bachelor's   none   none
13-1111	Management Analysts	2,844	3,264	420	14.8%	95	193	330	↑	Bachelor's   < 5 yrs   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
13-1121	Meeting, Convention, and Event Planners	581	626	45	7.7%	19	49	72	↗	Bachelor's   none   none
13-1131	Fundraisers	598	671	73	12.2%	21	45	73	↑	Bachelor's   none   none
13-1141	Compensation, Benefits, and Job Analysis Specialists	326	358	32	9.8%	11	21	35	↗	Bachelor's   < 5 yrs   none
13-1151	Training and Development Specialists	1,211	1,332	121	10.0%	38	98	148	↑	Bachelor's   < 5 yrs   none
13-1161	Market Research Analysts and Marketing Specialists	2,227	2,728	501	22.5%	58	195	303	↑	Bachelor's   none   none
13-1199	Business Operations Specialists, All Other	2,332	2,455	123	5.3%	65	165	242	↗	Bachelor's   none   none
13-2011	Accountants and Auditors	5,892	6,368	476	8.1%	173	398	619	↑	Bachelor's   none   none
13-2021	Appraisers and Assessors of Real Estate	412	442	30	7.3%	14	17	34	↗	Bachelor's   none   Long OJT
13-2031	Budget Analysts	73	80	7	9.6%	2	4	7	↘	Bachelor's   none   none
13-2041	Credit Analysts	152	161	9	5.9%	4	11	16	↘	Bachelor's   none   none
13-2051	Financial Analysts	750	813	63	8.4%	15	51	72	↗	Bachelor's   none   none
13-2052	Personal Financial Advisors	1,239	1,360	121	9.8%	30	69	111	↑	Bachelor's   none   Long OJT
13-2053	Insurance Underwriters	163	153	-10	-6.1%	4	10	13	↓	Bachelor's   none   Moderate OJT
13-2061	Financial Examiners	144	148	4	2.8%	3	8	11	↘	Bachelor's   none   Long OJT
13-2071	Credit Counselors	388	421	33	8.5%	10	24	37	↗	Bachelor's   none   Moderate OJT
13-2072	Loan Officers	1,362	1,468	106	7.8%	34	84	129	↑	Bachelor's   none   Moderate OJT
13-2081	Tax Examiners and Collectors, and Revenue Agents	317	326	9	2.8%	13	14	28	↗	Bachelor's   none   Moderate OJT
13-2082	Tax Preparers	357	385	28	7.8%	18	24	45	↗	High School   none   Moderate OJT
13-2099	Financial Specialists, All Other	250	271	21	8.4%	7	15	24	↗	Bachelor's   none   Moderate OJT
15-0000	Computer and Mathematical Occupations	22,313	25,590	3,277	14.7%	388	1,351	2,067		
15-1111	Computer and Information Research Scientists	31	38	7	22.6%	0	2	3	↘	Master's   none   none
15-1121	Computer Systems Analysts	2,630	2,902	272	10.3%	53	147	227	↑	Bachelor's   none   none
15-1122	Information Security Analysts	501	673	172	34.3%	8	33	58	↑	Bachelor's   < 5 yrs   none
15-1131	Computer Programmers	1,410	1,334	-76	-5.4%	22	74	88	↗	Bachelor's   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
15-1132	Software Developers, Applications	6,663	8,366	1,703	25.6%	104	425	699	↑	Bachelor's   none   none
15-1133	Software Developers, Systems Software	1,559	1,672	113	7.2%	22	91	124	↑	Bachelor's   none   none
15-1134	Web Developers	744	853	109	14.7%	14	47	72	↑	Associate's   none   none
15-1141	Database Administrators	351	389	38	10.8%	7	19	30	↑	Bachelor's   none   none
15-1142	Network and Computer Systems Administrators	2,414	2,540	126	5.2%	42	131	186	↗	Bachelor's   none   none
15-1143	Computer Network Architects	424	469	45	10.6%	6	25	35	↑	Bachelor's   5+ yrs   none
15-1151	Computer User Support Specialists	3,266	3,610	344	10.5%	63	219	316	↑	Some College   none   none
15-1152	Computer Network Support Specialists	497	502	5	1.0%	9	32	41	↗	Associate's   none   none
15-1199	Computer Occupations, All Other	1,041	1,234	193	18.5%	18	64	101	↑	Bachelor's   none   none
15-2011	Actuaries	71	84	13	18.3%	1	4	6	↗	Bachelor's   none   Long OJT
15-2021	Mathematicians	n	n	n	n	n	n	n	↘	Master's   none   none
15-2031	Operations Research Analysts	591	766	175	29.6%	16	28	62	↑	Bachelor's   none   none
15-2041	Statisticians	99	131	32	32.3%	2	7	12	↗	Master's   none   none
15-2090	Miscellaneous Mathematical Science Occupations	n	n	n	n	n	n	n	↘	Bachelor's   none   none
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>14,584</b>	<b>15,948</b>	<b>1,364</b>	<b>9.4%</b>	<b>363</b>	<b>833</b>	<b>1,332</b>		
17-1011	Architects, Except Landscape and Naval	322	387	65	20.2%	8	19	33	↑	Bachelor's   none   Intern/Residency
17-1012	Landscape Architects	n	n	n	n	n	n	n	↗	Bachelor's   none   Intern/Residency
17-1021	Cartographers and Photogrammetrists	127	157	30	23.6%	4	7	14	↗	Bachelor's   none   none
17-1022	Surveyors	241	300	59	24.5%	7	13	26	↑	Bachelor's   none   Intern/Residency
17-2011	Aerospace Engineers	n	n	n	n	n	n	n	↘	Bachelor's   none   none
17-2021	Agricultural Engineers	n	n	n	n	n	n	n	↓	Bachelor's   none   none
17-2031	Biomedical Engineers	36	38	2	5.6%	1	2	3	↓	Bachelor's   none   none
17-2041	Chemical Engineers	85	101	16	18.8%	2	4	8	↗	Bachelor's   none   none
17-2051	Civil Engineers	1,531	1,840	309	20.2%	34	97	162	↑	Bachelor's   none   none
17-2061	Computer Hardware Engineers	235	262	27	11.5%	5	13	21	↗	Bachelor's   none   none

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SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
17-2071	Electrical Engineers	2,029	2,165	136	6.7%	42	96	152	↑	Bachelor's   none   none
17-2072	Electronics Engineers, Except Computer	585	607	22	3.8%	12	27	41	↗	Bachelor's   none   none
17-2081	Environmental Engineers	245	287	42	17.1%	7	13	24	↑	Bachelor's   none   none
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	66	68	2	3.0%	1	3	4	↓	Bachelor's   none   none
17-2112	Industrial Engineers	1,774	1,945	171	9.6%	38	89	144	↑	Bachelor's   none   none
17-2121	Marine Engineers and Naval Architects	n	n	n	n	n	n	n	↘	Bachelor's   none   none
17-2131	Materials Engineers	73	76	3	4.1%	2	3	5	↓	Bachelor's   none   none
17-2141	Mechanical Engineers	2,501	2,676	175	7.0%	48	127	193	↑	Bachelor's   none   none
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	n	n	n	n	n	n	n	↓	Bachelor's   none   none
17-2161	Nuclear Engineers	n	n	n	n	n	n	n	↓	Bachelor's   none   none
17-2171	Petroleum Engineers	n	n	n	n	n	n	n	↓	Bachelor's   none   none
17-2199	Engineers, All Other	400	419	19	4.8%	8	20	30	↗	Bachelor's   none   none
17-3011	Architectural and Civil Drafters	749	856	107	14.3%	27	56	94	↑	Associate's   none   none
17-3012	Electrical and Electronics Drafters	181	196	15	8.3%	6	13	21	↘	Associate's   none   none
17-3013	Mechanical Drafters	336	336	0	0.0%	11	23	34	↗	Associate's   none   none
17-3019	Drafters, All Other	n	n	n	n	n	n	n	↓	Associate's   none   none
17-3022	Civil Engineering Technicians	n	n	n	n	n	n	n	↗	Associate's   none   none
17-3023	Electrical and Electronics Engineering Technicians	877	900	23	2.6%	29	57	88	↗	Associate's   none   none
17-3024	Electro-Mechanical Technicians	116	115	-1	-0.9%	4	7	11	↓	Associate's   none   none
17-3025	Environmental Engineering Technicians	66	79	13	19.7%	2	5	8	↗	Associate's   none   none
17-3026	Industrial Engineering Technicians	590	586	-4	-0.7%	19	38	57	↗	Associate's   none   none
17-3027	Mechanical Engineering Technicians	568	594	26	4.6%	19	37	59	↗	Associate's   none   none
17-3029	Engineering Technicians, Except Drafters, All Other	202	205	3	1.5%	7	13	20	↘	Associate's   none   none
17-3031	Surveying and Mapping Technicians	291	354	63	21.6%	9	29	44	↑	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
19-0000	Life, Physical, and Social Science Occupations	4,412	4,929	517	11.7%	88	362	502		
19-1012	Food Scientists and Technologists	n	n	n	n	n	n	n	↘	Bachelor's   none   none
19-1013	Soil and Plant Scientists	n	n	n	n	n	n	n	↘	Bachelor's   none   none
19-1021	Biochemists and Biophysicists	101	121	20	19.8%	2	8	12	↗	Doctorate/Prof   none   none
19-1022	Microbiologists	120	127	7	5.8%	2	9	12	↘	Bachelor's   none   none
19-1023	Zoologists and Wildlife Biologists	77	79	2	2.6%	1	6	7	↘	Bachelor's   none   none
19-1029	Biological Scientists, All Other	85	92	7	8.2%	1	7	9	↘	Bachelor's   none   none
19-1031	Conservation Scientists	59	62	3	5.1%	1	5	6	↘	Bachelor's   none   none
19-1032	Foresters	117	119	2	1.7%	2	10	12	↘	Bachelor's   none   none
19-1041	Epidemiologists	n	n	n	n	n	n	n	↘	Master's   none   none
19-1042	Medical Scientists, Except Epidemiologists	387	437	50	12.9%	6	31	42	↑	Doctorate/Prof   none   none
19-1099	Life Scientists, All Other	n	n	n	n	n	n	n	↘	Bachelor's   none   none
19-2011	Astronomers	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   none
19-2012	Physicists	108	120	12	11.1%	2	7	10	↗	Doctorate/Prof   none   none
19-2021	Atmospheric and Space Scientists	45	51	6	13.3%	1	4	6	↗	Bachelor's   none   none
19-2031	Chemists	212	246	34	16.0%	4	17	24	↑	Bachelor's   none   none
19-2032	Materials Scientists	79	80	1	1.3%	1	6	7	↘	Bachelor's   none   none
19-2041	Environmental Scientists and Specialists, Including Health	385	424	39	10.1%	8	36	48	↗	Bachelor's   none   none
19-2042	Geoscientists, Except Hydrologists and Geographers	107	128	21	19.6%	2	10	14	↗	Bachelor's   none   none
19-2043	Hydrologists	87	99	12	13.8%	2	8	11	↗	Bachelor's   none   none
19-2099	Physical Scientists, All Other	69	70	1	1.4%	1	5	6	↘	Bachelor's   none   none
19-3011	Economists	68	76	8	11.8%	1	4	6	↗	Master's   none   none
19-3022	Survey Researchers	n	n	n	n	n	n	n	↘	Master's   none   none
19-3031	Clinical, Counseling, and School Psychologists	577	665	88	15.3%	14	30	53	↑	Doctorate/Prof   none   Intern/Residency

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
19-3039	Psychologists, All Other	36	41	5	13.9%	1	2	3	↘	Master's   none   Intern/Residency
19-3041	Sociologists	n	n	n	n	n	n	n	↓	Master's   none   none
19-3051	Urban and Regional Planners	251	279	28	11.2%	4	20	27	↑	Master's   none   none
19-3091	Anthropologists and Archeologists	27	32	5	18.5%	1	2	3	↘	Master's   none   none
19-3092	Geographers	n	n	n	n	n	n	n	↓	Bachelor's   none   none
19-3093	Historians	n	n	n	n	n	n	n	↓	Master's   none   none
19-3094	Political Scientists	n	n	n	n	n	n	n	↓	Master's   none   none
19-3099	Social Scientists and Related Workers, All Other	48	50	2	4.2%	2	4	6	↘	Bachelor's   none   none
19-4011	Agricultural and Food Science Technicians	n	n	n	n	n	n	n	↓	Associate's   none   Moderate OJT
19-4021	Biological Technicians	497	561	64	12.9%	8	48	62	↑	Bachelor's   none   none
19-4031	Chemical Technicians	197	216	19	9.6%	4	17	23	↘	Associate's   none   Moderate OJT
19-4041	Geological and Petroleum Technicians	n	n	n	n	n	n	n	↘	Associate's   none   Moderate OJT
19-4051	Nuclear Technicians	n	n	n	n	n	n	n	↘	Associate's   none   Moderate OJT
19-4061	Social Science Research Assistants	55	63	8	14.5%	2	5	8	↗	Bachelor's   none   none
19-4091	Environmental Science and Protection Technicians, Including Health	230	272	42	18.3%	7	23	34	↑	Associate's   none   none
19-4092	Forensic Science Technicians	51	57	6	11.8%	2	5	8	↗	Bachelor's   none   Moderate OJT
19-4093	Forest and Conservation Technicians	83	87	4	4.8%	2	8	10	↘	Associate's   none   none
19-4099	Life, Physical, and Social Science Technicians, All Other	67	76	9	13.4%	2	6	9	↗	Associate's   none   none
21-0000	<b>Community and Social Service Occupations</b>	<b>10,453</b>	<b>12,019</b>	<b>1,566</b>	<b>15.0%</b>	<b>402</b>	<b>805</b>	<b>1,364</b>		
21-1012	Educational, Guidance, School, and Vocational Counselors	1,829	1,966	137	7.5%	62	133	209	↑	Master's   none   none
21-1013	Marriage and Family Therapists	90	118	28	31.1%	3	7	13	↗	Master's   none   Intern/Residency
21-1015	Rehabilitation Counselors	316	351	35	11.1%	11	23	38	↑	Master's   none   none
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	1,888	2,402	514	27.2%	70	150	271	↑	Bachelor's   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
21-1019	Counselors, All Other	n	n	n	n	n	n	n	↘	Master's   none   none
21-1021	Child, Family, and School Social Workers	693	768	75	10.8%	22	50	80	↑	Bachelor's   none   none
21-1022	Healthcare Social Workers	621	707	86	13.8%	20	45	74	↑	Master's   none   Intern/Residency
21-1023	Mental Health and Substance Abuse Social Workers	280	350	70	25.0%	9	21	37	↑	Master's   none   Intern/Residency
21-1029	Social Workers, All Other	n	n	n	n	n	n	n	↘	Bachelor's   none   none
21-1091	Health Educators	216	243	27	12.5%	9	17	29	↑	Bachelor's   none   none
21-1092	Probation Officers and Correctional Treatment Specialists	235	240	5	2.1%	5	15	20	↘	Bachelor's   none   Short OJT
21-1093	Social and Human Service Assistants	2,242	2,591	349	15.6%	97	191	323	↑	High School   none   Short OJT
21-1094	Community Health Workers	140	164	24	17.1%	6	12	20	↗	High School   none   Short OJT
21-1099	Community and Social Service Specialists, All Other	381	430	49	12.9%	15	31	51	↑	Bachelor's   none   none
21-2011	Clergy	739	824	85	11.5%	34	50	92	↑	Bachelor's   none   Moderate OJT
21-2021	Directors, Religious Activities and Education	503	557	54	10.7%	26	39	70	↑	Bachelor's   < 5 yrs   none
21-2099	Religious Workers, All Other	188	209	21	11.2%	12	14	28	↑	Bachelor's   none   none
<b>23-0000</b>	<b>Legal Occupations</b>	<b>3,993</b>	<b>4,294</b>	<b>301</b>	<b>7.5%</b>	<b>107</b>	<b>174</b>	<b>311</b>		
23-1011	Lawyers	2,304	2,459	155	6.7%	51	63	130	↑	Doctorate/Prof   none   none
23-1012	Judicial Law Clerks	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   none
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	122	125	3	2.5%	3	3	6	↘	Doctorate/Prof   5+ yrs   Short OJT
23-1022	Arbitrators, Mediators, and Conciliators	45	46	1	2.2%	1	1	2	↓	Bachelor's   < 5 yr   Moderate OJT
23-1023	Judges, Magistrate Judges, and Magistrates	96	97	1	1.0%	2	3	5	↓	Doctorate/Prof   5+ yrs   Short OJT
23-2011	Paralegals and Legal Assistants	1,181	1,326	145	12.3%	42	91	147	↑	Associate's   none   none
23-2091	Court Reporters	66	67	1	1.5%	2	4	6	↘	Postsecondary   none   Short OJT
23-2093	Title Examiners, Abstractors, and Searchers	85	81	-4	-4.7%	3	5	8	↓	High School   none   Moderate OJT
23-2099	Legal Support Workers, All Other	92	91	-1	-1.1%	3	5	8	↓	Associate's   none   none
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>43,828</b>	<b>45,243</b>	<b>1,415</b>	<b>3.2%</b>	<b>1,878</b>	<b>2,186</b>	<b>4,206</b>		

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
25-1011	Business Teachers, Postsecondary	568	657	89	15.7%	22	28	59	↑	Doctorate/Prof   none   none
25-1021	Computer Science Teachers, Postsecondary	111	115	4	3.6%	4	5	9	↘	Doctorate/Prof   none   none
25-1022	Mathematical Science Teachers, Postsecondary	161	168	7	4.3%	6	8	15	↘	Doctorate/Prof   none   none
25-1031	Architecture Teachers, Postsecondary	n	n	n	n	n	n	n	↘	Doctorate/Prof   none   none
25-1032	Engineering Teachers, Postsecondary	n	n	n	n	n	n	n	↘	Doctorate/Prof   none   none
25-1042	Biological Science Teachers, Postsecondary	281	312	31	11.0%	11	14	28	↑	Doctorate/Prof   none   none
25-1043	Forestry and Conservation Science Teachers, Postsecondary	n	n	n	n	n	n	n	↘	Doctorate/Prof   none   none
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	93	97	4	4.3%	4	4	8	↘	Doctorate/Prof   none   none
25-1052	Chemistry Teachers, Postsecondary	88	93	5	5.7%	3	4	7	↘	Doctorate/Prof   none   none
25-1053	Environmental Science Teachers, Postsecondary	171	180	9	5.3%	6	8	15	↘	Doctorate/Prof   none   none
25-1054	Physics Teachers, Postsecondary	86	91	5	5.8%	3	4	7	↘	Doctorate/Prof   none   none
25-1061	Anthropology and Archeology Teachers, Postsecondary	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   none
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	81	87	6	7.4%	3	4	8	↘	Doctorate/Prof   none   none
25-1063	Economics Teachers, Postsecondary	80	85	5	6.3%	3	4	7	↘	Doctorate/Prof   none   none
25-1064	Geography Teachers, Postsecondary	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   none
25-1065	Political Science Teachers, Postsecondary	89	95	6	6.7%	3	4	8	↘	Doctorate/Prof   none   none
25-1066	Psychology Teachers, Postsecondary	292	329	37	12.7%	11	14	29	↑	Doctorate/Prof   none   none
25-1067	Sociology Teachers, Postsecondary	81	86	5	6.2%	3	4	7	↘	Doctorate/Prof   none   none
25-1069	Social Sciences Teachers, Postsecondary, All Other	63	62	-1	-1.6%	2	3	5	↓	Doctorate/Prof   none   none
25-1071	Health Specialties Teachers, Postsecondary	742	896	154	20.8%	30	38	83	↑	Doctorate/Prof   < 5 yrs   none
25-1072	Nursing Instructors and Teachers, Postsecondary	268	323	55	20.5%	11	14	31	↑	Doctorate/Prof   < 5 yrs   none
25-1081	Education Teachers, Postsecondary	320	339	19	5.9%	12	15	29	↗	Doctorate/Prof   < 5 yrs   none
25-1082	Library Science Teachers, Postsecondary	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	37	40	3	8.1%	1	2	3	↘	Doctorate/Prof   none   none
25-1112	Law Teachers, Postsecondary	n	n	n	n	n	n	n	↓	Doctorate/Prof   < 5 yrs   none
25-1113	Social Work Teachers, Postsecondary	55	58	3	5.5%	2	3	5	↓	Doctorate/Prof   none   none
25-1121	Art, Drama, and Music Teachers, Postsecondary	328	350	22	6.7%	12	16	30	↗	Master's   none   none
25-1122	Communications Teachers, Postsecondary	71	76	5	7.0%	3	3	6	↘	Doctorate/Prof   none   none
25-1123	English Language and Literature Teachers, Postsecondary	313	328	15	4.8%	12	15	29	↗	Doctorate/Prof   none   none
25-1124	Foreign Language and Literature Teachers, Postsecondary	n	n	n	n	n	n	n	↘	Doctorate/Prof   none   none
25-1125	History Teachers, Postsecondary	106	113	7	6.6%	4	5	10	↘	Doctorate/Prof   none   none
25-1126	Philosophy and Religion Teachers, Postsecondary	97	106	9	9.3%	4	5	10	↘	Doctorate/Prof   none   none
25-1191	Graduate Teaching Assistants	n	n	n	n	n	n	n	↘	Bachelor's   none   none
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	61	64	3	4.9%	2	3	5	↓	Doctorate/Prof   none   none
25-1194	Vocational Education Teachers, Postsecondary	209	208	-1	-0.5%	8	10	18	↓	Bachelor's   < 5 yrs   none
25-1199	Postsecondary Teachers, All Other	167	172	5	3.0%	6	8	14	↘	Doctorate/Prof   none   none
25-2011	Preschool Teachers, Except Special Education	3,218	3,453	235	7.3%	132	203	359	↑	Associate's   none   none
25-2012	Kindergarten Teachers, Except Special Education	406	409	3	0.7%	16	25	41	↗	Bachelor's   none   none
25-2021	Elementary School Teachers, Except Special Education	5,577	5,608	31	0.6%	174	238	415	↗	Bachelor's   none   none
25-2022	Middle School Teachers, Except Special and Career/Technical Education	3,059	3,076	17	0.6%	95	131	228	↗	Bachelor's   none   none
25-2023	Career/Technical Education Teachers, Middle School	n	n	n	n	n	n	n	↘	Bachelor's   < 5 yrs   none
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	5,078	5,115	37	0.7%	142	215	361	↗	Bachelor's   none   none
25-2032	Career/Technical Education Teachers, Secondary School	328	326	-2	-0.6%	9	14	23	↓	Bachelor's   < 5 yrs   none
25-2051	Special Education Teachers, Preschool	n	n	n	n	n	n	n	↓	Bachelor's   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
25-2052	Special Education Teachers, Kindergarten and Elementary School	974	976	2	0.2%	32	41	73	↗	Bachelor's   none   none
25-2053	Special Education Teachers, Middle School	569	568	-1	-0.2%	19	24	43	↗	Bachelor's   none   none
25-2054	Special Education Teachers, Secondary School	662	666	4	0.6%	22	28	50	↗	Bachelor's   none   none
25-2059	Special Education Teachers, All Other	81	88	7	8.6%	3	4	8	↘	Bachelor's   none   none
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	376	343	-33	-8.8%	21	20	38	↗	Bachelor's   none   none
25-3021	Self-Enrichment Education Teachers	2,059	2,370	311	15.1%	128	125	284	↑	High School   < 5 yrs   none
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	690	729	39	5.7%	41	40	85	↗	Bachelor's   none   none
25-3098	Substitute Teachers	2,791	2,797	6	0.2%	161	157	319	↗	Bachelor's   none   none
25-4011	Archivists	n	n	n	n	n	n	n	↓	Master's   none   none
25-4012	Curators	n	n	n	n	n	n	n	↘	Master's   none   none
25-4013	Museum Technicians and Conservators	n	n	n	n	n	n	n	↘	Bachelor's   none   none
25-4021	Librarians	963	1,006	43	4.5%	53	45	102	↗	Master's   none   none
25-4031	Library Technicians	621	589	-32	-5.2%	54	39	90	↗	Postsecondary   none   none
25-9011	Audio-Visual and Multimedia Collections Specialists	33	34	1	3.0%	1	2	3	↓	Bachelor's   < 5 yrs   none
25-9021	Farm and Home Management Advisors	n	n	n	n	n	n	n	↓	Master's   none   none
25-9031	Instructional Coordinators	967	1,029	62	6.4%	42	51	99	↑	Master's   5+ yrs   none
25-9041	Teacher Assistants	9,324	9,453	129	1.4%	498	491	1,002	↗	Some College   none   none
25-9099	Education, Training, and Library Workers, All Other	341	348	7	2.1%	14	18	33	↗	Bachelor's   none   none
27-0000	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>9,651</b>	<b>10,000</b>	<b>349</b>	<b>3.6%</b>	<b>389</b>	<b>705</b>	<b>1,129</b>		
27-1011	Art Directors	227	231	4	1.8%	12	13	25	↗	Bachelor's   5+ yrs   none
27-1012	Craft Artists	107	106	-1	-0.9%	5	6	11	↓	none   none   Long OJT
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	146	146	0	0.0%	8	8	16	↘	Bachelor's   none   Long OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
27-1014	Multimedia Artists and Animators	31	34	3	9.7%	2	2	4	↘	Bachelor's   none   none
27-1019	Artists and Related Workers, All Other	30	30	0	0.0%	2	2	4	↓	none   none   Long OJT
27-1021	Commercial and Industrial Designers	129	137	8	6.2%	4	9	14	↘	Bachelor's   none   none
27-1022	Fashion Designers	103	102	-1	-1.0%	3	7	10	↓	Bachelor's   none   none
27-1023	Floral Designers	292	235	-57	-19.5%	9	18	21	↓	High School   none   Moderate OJT
27-1024	Graphic Designers	1,009	1,071	62	6.1%	34	70	110	↑	Bachelor's   none   none
27-1025	Interior Designers	199	211	12	6.0%	7	14	22	↘	Bachelor's   none   none
27-1026	Merchandise Displayers and Window Trimmers	554	583	29	5.2%	18	38	59	↗	High School   none   Short OJT
27-1027	Set and Exhibit Designers	n	n	n	n	n	n	n	↘	Bachelor's   none   none
27-1029	Designers, All Other	n	n	n	n	n	n	n	↓	Bachelor's   none   none
27-2011	Actors	106	107	1	0.9%	4	9	13	↘	Some College   none   Long OJT
27-2012	Producers and Directors	227	228	1	0.4%	5	17	22	↘	Bachelor's   < 5 yrs   none
27-2021	Athletes and Sports Competitors	n	n	n	n	n	n	n	↓	none   none   Long OJT
27-2022	Coaches and Scouts	1,269	1,458	189	14.9%	77	122	218	↑	Bachelor's   none   none
27-2023	Umpires, Referees, and Other Sports Officials	n	n	n	n	n	n	n	↗	High School   none   Moderate OJT
27-2031	Dancers	n	n	n	n	n	n	n	↓	none   none   Long OJT
27-2032	Choreographers	n	n	n	n	n	n	n	↘	High School   5+ yrs   Long OJT
27-2041	Music Directors and Composers	191	205	14	7.3%	11	12	24	↗	Bachelor's   < 5 yrs   none
27-2042	Musicians and Singers	415	439	24	5.8%	24	26	52	↗	none   none   Long OJT
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	n	n	n	n	n	n	n	↓	none   none   Short OJT
27-3011	Radio and Television Announcers	216	173	-43	-19.9%	8	14	18	↓	Bachelor's   none   none
27-3012	Public Address System and Other Announcers	n	n	n	n	n	n	n	↘	High School   none   Short OJT
27-3021	Broadcast News Analysts	n	n	n	n	n	n	n	↓	Bachelor's   none   none
27-3022	Reporters and Correspondents	184	141	-43	-23.4%	6	14	16	↓	Bachelor's   none   none
27-3031	Public Relations Specialists	1,257	1,381	124	9.9%	39	98	149	↑	Bachelor's   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
27-3041	Editors	457	441	-16	-3.5%	14	35	47	↗	Bachelor's   < 5 yrs   none
27-3042	Technical Writers	192	207	15	7.8%	6	13	21	↘	Bachelor's   < 5 yrs   Short OJT
27-3043	Writers and Authors	824	827	3	0.4%	35	51	86	↗	Bachelor's   none   Long OJT
27-3091	Interpreters and Translators	112	133	21	18.8%	5	7	14	↗	Bachelor's   none   none
27-3099	Media and Communication Workers, All Other	n	n	n	n	n	n	n	↓	High School   none   Short OJT
27-4011	Audio and Video Equipment Technicians	135	150	15	11.1%	5	10	17	↗	Postsecondary   none   Short OJT
27-4012	Broadcast Technicians	98	98	0	0.0%	3	7	10	↘	Associate's   none   Short OJT
27-4014	Sound Engineering Technicians	n	n	n	n	n	n	n	↓	Postsecondary   none   Short OJT
27-4021	Photographers	464	405	-59	-12.7%	17	26	37	↗	High School   none   Moderate OJT
27-4031	Camera Operators, Television, Video, and Motion Picture	174	182	8	4.6%	5	13	19	↘	Bachelor's   none   none
27-4032	Film and Video Editors	160	179	19	11.9%	4	12	18	↗	Bachelor's   none   none
27-4099	Media and Communication Equipment Workers, All Other	n	n	n	n	n	n	n	↘	High School   none   Short OJT
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>40,589</b>	<b>45,642</b>	<b>5,053</b>	<b>12.4%</b>	<b>1,103</b>	<b>1,278</b>	<b>2,886</b>		
29-1011	Chiropractors	146	156	10	6.8%	3	1	5	↘	Doctorate/Prof   none   none
29-1021	Dentists, General	578	622	44	7.6%	13	5	22	↘	Doctorate/Prof   none   none
29-1022	Oral and Maxillofacial Surgeons	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   Intern/ Residency
29-1023	Orthodontists	n	n	n	n	n	n	n	↘	Doctorate/Prof   none   Intern/ Residency
29-1024	Prosthodontists	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   Intern/ Residency
29-1029	Dentists, All Other Specialists	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   Intern/ Residency
29-1031	Dietitians and Nutritionists	321	363	42	13.1%	11	10	25	↑	Bachelor's   none   Intern/Residency
29-1041	Optometrists	193	208	15	7.8%	4	2	8	↘	Doctorate/Prof   none   none
29-1051	Pharmacists	1,137	1,149	12	1.1%	27	24	52	↗	Doctorate/Prof   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
29-1061	Anesthesiologists	162	170	8	4.9%	3	2	6	↘	Doctorate/Prof   none   Intern/ Residency
29-1062	Family and General Practitioners	1,055	1,162	107	10.1%	18	14	43	↑	Doctorate/Prof   none   Intern/ Residency
29-1063	Internists, General	153	157	4	2.6%	2	2	4	↓	Doctorate/Prof   none   Intern/ Residency
29-1064	Obstetricians and Gynecologists	87	89	2	2.3%	1	1	2	↓	Doctorate/Prof   none   Intern/ Residency
29-1065	Pediatricians, General	269	273	4	1.5%	4	4	8	↘	Doctorate/Prof   none   Intern/ Residency
29-1066	Psychiatrists	64	76	12	18.8%	1	1	3	↘	Doctorate/Prof   none   Intern/ Residency
29-1067	Surgeons	497	500	3	0.6%	8	6	14	↘	Doctorate/Prof   none   Intern/ Residency
29-1069	Physicians and Surgeons, All Other	1,446	1,578	132	9.1%	25	19	57	↗	Doctorate/Prof   none   Intern/ Residency
29-1071	Physician Assistants	725	972	247	34.1%	13	35	73	↑	Master's   none   none
29-1081	Podiatrists	n	n	n	n	n	n	n	↓	Doctorate/Prof   none   Intern/ Residency
29-1122	Occupational Therapists	915	1,057	142	15.5%	22	33	69	↑	Master's   none   none
29-1123	Physical Therapists	1,437	1,727	290	20.2%	29	37	95	↑	Doctorate/Prof   none   none
29-1124	Radiation Therapists	119	128	9	7.6%	2	4	7	↘	Associate's   none   none
29-1125	Recreational Therapists	79	88	9	11.4%	2	2	5	↘	Bachelor's   none   none
29-1126	Respiratory Therapists	383	463	80	20.9%	12	11	31	↑	Associate's   none   none
29-1127	Speech-Language Pathologists	643	769	126	19.6%	14	24	51	↑	Master's   none   Intern/Residency
29-1128	Exercise Physiologists	82	88	6	7.3%	2	3	6	↘	Bachelor's   none   none
29-1129	Therapists, All Other	n	n	n	n	n	n	n	↘	Bachelor's   none   none
29-1131	Veterinarians	519	626	107	20.6%	11	11	33	↑	Doctorate/Prof   none   none
29-1141	Registered Nurses	13,830	15,582	1,752	12.7%	408	377	960	↑	Associate's   none   none
29-1151	Nurse Anesthetists	226	265	39	17.3%	4	8	16	↗	Master's   none   none
29-1161	Nurse Midwives	63	75	12	19.0%	1	2	4	↘	Master's   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
29-1171	Nurse Practitioners	1,170	1,520	350	29.9%	26	45	106	↑	Master's   none   none
29-1181	Audiologists	68	82	14	20.6%	1	2	4	↘	Doctorate/Prof   none   none
29-1199	Health Diagnosing and Treating Practitioners, All Other	217	244	27	12.4%	6	4	13	↗	Master's   none   none
29-2010	Clinical Laboratory Technologists and Technicians	919	972	53	5.8%	26	34	65	↗	Bachelor's   none   none
29-2021	Dental Hygienists	1,380	1,520	140	10.1%	60	37	111	↑	Associate's   none   none
29-2031	Cardiovascular Technologists and Technicians	243	257	14	5.8%	6	8	15	↘	Associate's   none   none
29-2032	Diagnostic Medical Sonographers	262	310	48	18.3%	7	9	21	↗	Associate's   none   none
29-2033	Nuclear Medicine Technologists	58	61	3	5.2%	2	2	4	↓	Associate's   none   none
29-2034	Radiologic Technologists	1,008	1,098	90	8.9%	26	32	67	↗	Associate's   none   none
29-2035	Magnetic Resonance Imaging Technologists	259	281	22	8.5%	7	8	17	↘	Associate's   < 5 yrs   none
29-2041	Emergency Medical Technicians and Paramedics	1,248	1,338	90	7.2%	23	63	95	↑	Postsecondary   none   none
29-2051	Dietetic Technicians	108	117	9	8.3%	3	6	10	↘	Associate's   none   none
29-2052	Pharmacy Technicians	1,722	1,927	205	11.9%	53	94	167	↑	High School   none   Moderate OJT
29-2053	Psychiatric Technicians	n	n	n	n	n	n	n	↘	Postsecondary   < 5 yrs   Short OJT
29-2054	Respiratory Therapy Technicians	51	21	-30	-58.8%	2	2	1	↓	Associate's   none   none
29-2055	Surgical Technologists	460	498	38	8.3%	14	25	43	↗	Postsecondary   none   none
29-2056	Veterinary Technologists and Technicians	865	1,048	183	21.2%	28	50	96	↑	Associate's   none   none
29-2057	Ophthalmic Medical Technicians	333	386	53	15.9%	10	19	34	↑	Postsecondary   none   none
29-2061	Licensed Practical and Licensed Vocational Nurses	2,000	2,186	186	9.3%	71	88	178	↑	Postsecondary   none   none
29-2071	Medical Records and Health Information Technicians	859	950	91	10.6%	27	31	67	↑	Postsecondary   none   none
29-2081	Opticians, Dispensing	561	595	34	6.1%	23	23	49	↗	High School   none   Long OJT
29-2091	Orthotists and Prosthetists	35	42	7	20.0%	1	2	4	↘	Master's   none   Intern/Residency

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
29-2092	Hearing Aid Specialists	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
29-2099	Health Technologists and Technicians, All Other	318	367	49	15.4%	9	14	28	↑	Postsecondary   none   none
29-9011	Occupational Health and Safety Specialists	449	489	40	8.9%	11	16	31	↗	Bachelor's   none   none
29-9012	Occupational Health and Safety Technicians	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
29-9091	Athletic Trainers	234	283	49	20.9%	6	9	20	↗	Bachelor's   none   none
29-9092	Genetic Counselors	n	n	n	n	n	n	n	↘	Master's   none   none
29-9099	Healthcare Practitioners and Technical Workers, All Other	255	294	39	15.3%	6	9	19	↗	Postsecondary   none   none
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>17,514</b>	<b>19,743</b>	<b>2,229</b>	<b>12.7%</b>	<b>939</b>	<b>1,179</b>	<b>2,341</b>		
31-1011	Home Health Aides	563	789	226	40.1%	36	39	98	↑	High School   none   Short OJT
31-1013	Psychiatric Aides	352	384	32	9.1%	20	22	45	↗	High School   none   Short OJT
31-1014	Nursing Assistants	8,207	8,856	649	7.9%	459	498	1,022	↑	Postsecondary   none   none
31-1015	Orderlies	136	142	6	4.4%	8	8	17	↘	High School   none   Short OJT
31-2011	Occupational Therapy Assistants	192	237	45	23.4%	9	14	27	↑	Associate's   none   none
31-2012	Occupational Therapy Aides	n	n	n	n	n	n	n	↘	High School   none   Short OJT
31-2021	Physical Therapist Assistants	336	418	82	24.4%	16	30	54	↑	Associate's   none   none
31-2022	Physical Therapist Aides	158	188	30	19.0%	7	14	24	↑	High School   none   Short OJT
31-9011	Massage Therapists	1,559	1,767	208	13.3%	104	90	215	↑	Postsecondary   none   none
31-9091	Dental Assistants	1,348	1,489	141	10.5%	66	93	173	↑	Postsecondary   none   none
31-9092	Medical Assistants	2,577	3,128	551	21.4%	111	203	369	↑	Postsecondary   none   none
31-9093	Medical Equipment Preparers	301	318	17	5.6%	15	20	37	↗	High School   none   Moderate OJT
31-9094	Medical Transcriptionists	201	187	-14	-7.0%	12	15	26	↗	Postsecondary   none   none
31-9095	Pharmacy Aides	n	n	n	n	n	n	n	↓	High School   none   Short OJT
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	378	456	78	20.6%	23	45	76	↑	High School   none   Short OJT
31-9097	Phlebotomists	810	977	167	20.6%	33	61	111	↑	Postsecondary   none   none
31-9099	Healthcare Support Workers, All Other	258	273	15	5.8%	13	17	32	↗	High School   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
33-0000	Protective Service Occupations	11,972	12,362	390	3.3%	455	674	1,168		
33-1011	First-Line Supervisors of Correctional Officers	83	78	-5	-6.0%	2	3	5	↓	High School   < 5 yrs   none
33-1012	First-Line Supervisors of Police and Detectives	515	542	27	5.2%	13	20	36	↗	High School   < 5 yrs   Moderate OJT
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	383	404	21	5.5%	10	15	27	↗	Postsecondary   < 5 yrs   Moderate OJT
33-1099	First-Line Supervisors of Protective Service Workers, All Other	214	211	-3	-1.4%	8	13	21	↓	High School   < 5 yrs   none
33-2011	Firefighters	2,167	2,288	121	5.6%	40	112	164	↗	Postsecondary   none   Long OJT
33-2021	Fire Inspectors and Investigators	48	50	2	4.2%	2	2	4	↓	Postsecondary   5+ yrs   Moderate OJT
33-2022	Forest Fire Inspectors and Prevention Specialists	n	n	n	n	n	n	n	↗	High School   < 5 yrs   Moderate OJT
33-3011	Bailiffs	40	40	0	0.0%	2	2	4	↓	High School   none   Moderate OJT
33-3012	Correctional Officers and Jailers	1,166	1,097	-69	-5.9%	43	57	93	↗	High School   none   Moderate OJT
33-3021	Detectives and Criminal Investigators	344	357	13	3.8%	8	15	24	↗	High School   < 5 yrs   Moderate OJT
33-3031	Fish and Game Wardens	n	n	n	n	n	n	n	↓	Bachelor's   none   Moderate OJT
33-3041	Parking Enforcement Workers	85	58	-27	-31.8%	2	3	2	↓	High School   none   Short OJT
33-3051	Police and Sheriff's Patrol Officers	3,185	3,351	166	5.2%	78	151	246	↗	High School   none   Moderate OJT
33-9011	Animal Control Workers	59	63	4	6.8%	3	3	6	↘	High School   none   Moderate OJT
33-9021	Private Detectives and Investigators	175	189	14	8.0%	6	10	17	↘	High School   < 5 yrs   Moderate OJT
33-9032	Security Guards	2,370	2,414	44	1.9%	122	186	312	↗	High School   none   Short OJT
33-9091	Crossing Guards	419	441	22	5.3%	51	20	73	↗	none   none   Short OJT
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	254	274	20	7.9%	35	29	66	↗	none   none   Short OJT
33-9093	Transportation Security Screeners	122	122	0	0.0%	5	6	11	↘	High School   none   Short OJT
33-9099	Protective Service Workers, All Other	142	148	6	4.2%	19	16	36	↗	High School   none   Short OJT
35-0000	Food Preparation and Serving Related Occupations	60,151	65,548	5,397	9.0%	4,266	6,535	11,341		
35-1011	Chefs and Head Cooks	775	855	80	10.3%	25	82	115	↑	High School   5+ yrs   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	4,028	4,383	355	8.8%	183	459	678	↑	High School   < 5 yrs   none
35-2011	Cooks, Fast Food	1,648	1,491	-157	-9.5%	83	139	206	↗	none   none   Short OJT
35-2012	Cooks, Institution and Cafeteria	1,573	1,646	73	4.6%	85	142	234	↗	none   none   Short OJT
35-2014	Cooks, Restaurant	6,703	8,064	1,361	20.3%	392	653	1,181	↑	none   < 5 yrs   Moderate OJT
35-2015	Cooks, Short Order	1,912	1,857	-55	-2.9%	100	167	261	↗	none   none   Short OJT
35-2019	Cooks, All Other	n	n	n	n	n	n	n	↘	none   none   Moderate OJT
35-2021	Food Preparation Workers	2,815	3,046	231	8.2%	215	292	530	↑	none   none   Short OJT
35-3011	Bartenders	4,300	4,601	301	7.0%	208	575	813	↑	none   none   Short OJT
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	15,013	17,067	2,054	13.7%	1,279	1,577	3,061	↑	none   none   Short OJT
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,159	1,153	-6	-0.5%	130	121	250	↗	none   none   Short OJT
35-3031	Waiters and Waitresses	12,923	13,628	705	5.5%	921	1,627	2,618	↗	none   none   Short OJT
35-3041	Food Servers, Nonrestaurant	1,162	1,243	81	7.0%	88	99	195	↑	none   none   Short OJT
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,537	1,676	139	9.0%	132	142	288	↑	none   none   Short OJT
35-9021	Dishwashers	2,634	2,684	50	1.9%	198	224	427	↗	none   none   Short OJT
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,815	1,985	170	9.4%	212	223	452	↑	none   none   Short OJT
35-9099	Food Preparation and Serving Related Workers, All Other	149	163	14	9.4%	13	14	28	↗	none   none   Short OJT
37-0000	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	25,871	27,641	1,770	6.8%	1,452	2,018	3,647		
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	952	1,025	73	7.7%	42	71	120	↑	High School   < 5 yrs   none
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,445	1,585	140	9.7%	52	113	179	↑	High School   < 5 yrs   none
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	10,129	10,791	662	6.5%	640	738	1,444	↑	none   none   Short OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
37-2012	Maids and Housekeeping Cleaners	5,177	5,287	110	2.1%	370	334	715	↗	none   none   Short OJT
37-2019	Building Cleaning Workers, All Other	n	n	n	n	n	n	n	↗	none   none   Short OJT
37-2021	Pest Control Workers	253	271	18	7.1%	8	29	39	↗	High School   none   Moderate OJT
37-3011	Landscaping and Groundskeeping Workers	6,781	7,436	655	9.7%	291	629	986	↑	none   none   Short OJT
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	149	162	13	8.7%	6	14	21	↘	High School   none   Moderate OJT
37-3013	Tree Trimmers and Pruners	879	970	91	10.4%	38	82	129	↑	High School   none   Short OJT
37-3019	Grounds Maintenance Workers, All Other	n	n	n	n	n	n	n	↘	none   none   Short OJT
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>29,866</b>	<b>34,696</b>	<b>4,830</b>	<b>16.2%</b>	<b>2,222</b>	<b>2,527</b>	<b>5,232</b>		
39-1010	First-Line Supervisors of Gaming Workers	n	n	n	n	n	n	n	↓	High School   < 5 yrs   none
39-1021	First-Line Supervisors of Personal Service Workers	1,397	1,553	156	11.2%	59	84	159	↑	High School   < 5 yrs   none
39-2011	Animal Trainers	157	180	23	14.6%	10	15	27	↑	High School   none   Moderate OJT
39-2021	Nonfarm Animal Caretakers	1,502	1,787	285	19.0%	114	152	294	↑	High School   none   Short OJT
39-3011	Gaming Dealers	197	168	-29	-14.7%	11	17	25	↗	High School   none   Short OJT
39-3012	Gaming and Sports Book Writers and Runners	n	n	n	n	n	n	n	↓	High School   none   Short OJT
39-3021	Motion Picture Projectionists	n	n	n	n	n	n	n	↓	none   none   Short OJT
39-3031	Ushers, Lobby Attendants, and Ticket Takers	212	213	1	0.5%	28	24	52	↗	none   none   Short OJT
39-3091	Amusement and Recreation Attendants	1,853	2,019	166	9.0%	206	240	463	↑	none   none   Short OJT
39-3092	Costume Attendants	n	n	n	n	n	n	n	↘	High School   none   Short OJT
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	n	n	n	n	n	n	n	↗	High School   none   Short OJT
39-4021	Funeral Attendants	102	106	4	3.9%	10	7	17	↘	High School   none   Short OJT
39-4031	Morticians, Undertakers, and Funeral Directors	132	136	4	3.0%	7	9	16	↘	Associate's   none   Long OJT
39-5011	Barbers	597	642	45	7.5%	32	37	73	↗	Postsecondary   none   none
39-5012	Hairdressers, Hairstylists, and Cosmetologists	4,702	5,143	441	9.4%	299	314	657	↑	Postsecondary   none   none
39-5092	Manicurists and Pedicurists	476	529	53	11.1%	28	29	62	↑	Postsecondary   none   none

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
39-5093	Shampooers	n	n	n	n	n	n	n	↘	none   none   Short OJT
39-5094	Skincare Specialists	355	396	41	11.5%	21	22	47	↑	Postsecondary   none   none
39-6011	Baggage Porters and Bellhops	50	54	4	8.0%	3	5	8	↘	High School   none   Short OJT
39-6012	Concierges	34	35	1	2.9%	2	3	5	↓	High School   none   Moderate OJT
39-7010	Tour and Travel Guides	215	232	17	7.9%	17	22	41	↗	High School   none   Moderate OJT
39-9011	Childcare Workers	3,688	3,869	181	4.9%	279	284	581	↗	High School   none   Short OJT
39-9021	Personal Care Aides	9,001	11,805	2,804	31.2%	769	681	1,730	↑	High School   none   Short OJT
39-9031	Fitness Trainers and Aerobics Instructors	2,227	2,573	346	15.5%	143	256	434	↑	High School   none   Short OJT
39-9032	Recreation Workers	2,390	2,608	218	9.1%	149	266	437	↑	High School   none   Short OJT
39-9041	Residential Advisors	370	423	53	14.3%	22	38	65	↑	High School   none   Short OJT
39-9099	Personal Care and Service Workers, All Other	80	87	7	8.8%	5	7	13	↘	High School   none   Short OJT
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>82,601</b>	<b>82,736</b>	<b>135</b>	<b>0.2%</b>	<b>4,650</b>	<b>7,114</b>	<b>11,778</b>		
41-1011	First-Line Supervisors of Retail Sales Workers	8,490	8,435	-55	-0.6%	292	638	924	↗	High School   < 5 yrs   none
41-1012	First-Line Supervisors of Non-Retail Sales Workers	2,452	2,472	20	0.8%	80	156	238	↗	High School   < 5 yrs   none
41-2011	Cashiers	22,543	21,688	-855	-3.8%	1,974	2,198	4,086	↗	none   none   Short OJT
41-2012	Gaming Change Persons and Booth Cashiers	n	n	n	n	n	n	n	↓	none   none   Short OJT
41-2021	Counter and Rental Clerks	2,038	2,144	106	5.2%	106	162	279	↗	none   none   Short OJT
41-2022	Parts Salespersons	1,392	1,387	-5	-0.4%	57	110	167	↗	none   none   Moderate OJT
41-2031	Retail Salespersons	24,912	24,632	-280	-1.1%	1,424	2,195	3,591	↗	none   none   Short OJT
41-3011	Advertising Sales Agents	553	488	-65	-11.8%	16	54	64	↗	High School   none   Moderate OJT
41-3021	Insurance Sales Agents	2,882	3,145	263	9.1%	111	182	319	↑	High School   none   Moderate OJT
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,297	1,373	76	5.9%	34	92	134	↗	Bachelor's   none   Moderate OJT
41-3041	Travel Agents	335	332	-3	-0.9%	19	25	44	↗	High School   none   Moderate OJT
41-3099	Sales Representatives, Services, All Other	3,836	4,223	387	10.1%	119	391	549	↑	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	2,779	2,971	192	6.9%	88	214	321	↑	Bachelor's   none   Moderate OJT
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,349	6,630	281	4.4%	197	483	708	↗	High School   none   Moderate OJT
41-9011	Demonstrators and Product Promoters	264	288	24	9.1%	28	19	49	↗	none   none   Short OJT
41-9012	Models	n	n	n	n	n	n	n	↘	none   none   none
41-9021	Real Estate Brokers	257	279	22	8.6%	12	13	27	↗	High School   < 5 yrs   none
41-9022	Real Estate Sales Agents	695	752	57	8.2%	33	36	75	↑	High School   none   Moderate OJT
41-9031	Sales Engineers	424	457	33	7.8%	10	38	51	↗	Bachelor's   none   Moderate OJT
41-9041	Telemarketers	642	548	-94	-14.6%	29	65	85	↗	none   none   Short OJT
41-9099	Sales and Related Workers, All Other	446	477	31	7.0%	20	40	63	↗	High School   none   none
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>111,142</b>	<b>109,841</b>	<b>-1,301</b>	<b>-1.2%</b>	<b>5,461</b>	<b>7,626</b>	<b>12,957</b>		
43-1011	First-Line Supervisors of Office and Administrative Support Workers	8,030	8,095	65	0.8%	302	542	850	↗	High School   < 5 yrs   none
43-2011	Switchboard Operators, Including Answering Service	359	281	-78	-21.7%	18	21	31	↗	High School   none   Short OJT
43-2021	Telephone Operators	n	n	n	n	n	n	n	↓	High School   none   Short OJT
43-3011	Bill and Account Collectors	1,191	1,128	-63	-5.3%	45	93	132	↗	High School   none   Moderate OJT
43-3021	Billing and Posting Clerks	2,213	2,459	246	11.1%	96	158	279	↑	High School   none   Moderate OJT
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,636	8,437	-199	-2.3%	519	475	974	↗	Some College   none   Moderate OJT
43-3051	Payroll and Timekeeping Clerks	770	754	-16	-2.1%	36	48	82	↗	High School   none   Moderate OJT
43-3061	Procurement Clerks	340	322	-18	-5.3%	11	23	32	↗	High School   none   Moderate OJT
43-3071	Tellers	1,624	1,426	-198	-12.2%	75	109	164	↗	High School   none   Short OJT
43-3099	Financial Clerks, All Other	105	114	9	8.6%	4	8	13	↘	High School   none   Short OJT
43-4011	Brokerage Clerks	478	517	39	8.2%	24	28	56	↗	High School   none   Moderate OJT
43-4021	Correspondence Clerks	137	150	13	9.5%	6	10	17	↘	High School   none   Short OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
43-4031	Court, Municipal, and License Clerks	468	491	23	4.9%	22	23	47	↗	High School   none   Long OJT
43-4041	Credit Authorizers, Checkers, and Clerks	124	124	0	0.0%	4	8	12	↘	High School   none   Moderate OJT
43-4051	Customer Service Representatives	11,299	11,044	-255	-2.3%	536	952	1,462	↗	High School   none   Short OJT
43-4061	Eligibility Interviewers, Government Programs	607	631	24	4.0%	24	35	61	↗	High School   none   Moderate OJT
43-4071	File Clerks	877	777	-100	-11.4%	48	54	92	↗	High School   none   Short OJT
43-4081	Hotel, Motel, and Resort Desk Clerks	1,351	1,312	-39	-2.9%	73	152	221	↗	High School   none   Short OJT
43-4111	Interviewers, Except Eligibility and Loan	1,696	1,783	87	5.1%	88	126	223	↗	High School   none   Short OJT
43-4121	Library Assistants, Clerical	903	862	-41	-4.5%	70	63	129	↗	High School   none   Short OJT
43-4131	Loan Interviewers and Clerks	880	958	78	8.9%	34	59	101	↑	High School   none   Short OJT
43-4141	New Accounts Clerks	558	516	-42	-7.5%	23	40	59	↗	High School   none   Moderate OJT
43-4151	Order Clerks	536	528	-8	-1.5%	22	39	60	↗	High School   none   Short OJT
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	599	588	-11	-1.8%	22	46	67	↗	Associate's   none   none
43-4171	Receptionists and Information Clerks	5,320	5,584	264	5.0%	317	415	758	↗	High School   none   Short OJT
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	331	346	15	4.5%	14	24	40	↗	High School   none   Short OJT
43-4199	Information and Record Clerks, All Other	422	441	19	4.5%	21	29	52	↗	High School   none   Short OJT
43-5011	Cargo and Freight Agents	273	312	39	14.3%	10	17	31	↑	High School   none   Short OJT
43-5021	Couriers and Messengers	279	303	24	8.6%	12	16	30	↗	High School   none   Short OJT
43-5031	Police, Fire, and Ambulance Dispatchers	702	739	37	5.3%	25	43	72	↗	High School   none   Moderate OJT
43-5032	Dispatchers, Except Police, Fire, and Ambulance	599	587	-12	-2.0%	21	35	55	↗	High School   none   Moderate OJT
43-5041	Meter Readers, Utilities	86	76	-10	-11.6%	3	4	6	↓	High School   none   Short OJT
43-5051	Postal Service Clerks	536	486	-50	-9.3%	21	18	34	↗	High School   none   Short OJT
43-5052	Postal Service Mail Carriers	1,546	1,399	-147	-9.5%	54	56	95	↗	High School   none   Short OJT
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	626	538	-88	-14.1%	27	21	39	↗	High School   none   Short OJT
43-5061	Production, Planning, and Expediting Clerks	1,636	1,704	68	4.2%	55	119	181	↗	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
43-5071	Shipping, Receiving, and Traffic Clerks	2,841	2,889	48	1.7%	96	189	290	↗	High School   none   Short OJT
43-5081	Stock Clerks and Order Fillers	14,031	14,568	537	3.8%	724	1,180	1,958	↗	High School   none   Short OJT
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	207	221	14	6.8%	10	15	26	↗	High School   none   Short OJT
43-6011	Executive Secretaries and Executive Administrative Assistants	1,612	1,301	-311	-19.3%	75	88	132	↗	High School   < 5 yrs   none
43-6012	Legal Secretaries	740	584	-156	-21.1%	34	40	58	↗	High School   none   Moderate OJT
43-6013	Medical Secretaries	3,089	3,609	520	16.8%	172	203	427	↑	High School   none   Moderate OJT
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	12,130	11,138	-992	-8.2%	596	706	1,203	↗	High School   none   Short OJT
43-9011	Computer Operators	210	171	-39	-18.6%	9	14	19	↓	High School   none   Moderate OJT
43-9021	Data Entry Keyers	1,296	1,050	-246	-19.0%	53	82	110	↗	High School   none   Short OJT
43-9022	Word Processors and Typists	89	58	-31	-34.8%	4	4	5	↓	High School   none   Short OJT
43-9031	Desktop Publishers	128	98	-30	-23.4%	5	8	10	↓	Associate's   none   Short OJT
43-9041	Insurance Claims and Policy Processing Clerks	1,321	1,352	31	2.3%	49	84	136	↗	High School   none   Moderate OJT
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	316	321	5	1.6%	15	20	35	↗	High School   none   Short OJT
43-9061	Office Clerks, General	16,109	15,793	-316	-2.0%	892	1,018	1,878	↗	High School   none   Short OJT
43-9071	Office Machine Operators, Except Computer	405	364	-41	-10.1%	23	26	45	↗	High School   none   Short OJT
43-9081	Proofreaders and Copy Markers	44	42	-2	-4.5%	3	3	6	↓	Bachelor's   none   none
43-9111	Statistical Assistants	73	83	10	13.7%	3	6	10	↗	Bachelor's   none   none
43-9199	Office and Administrative Support Workers, All Other	361	384	23	6.4%	16	28	46	↗	High School   none   Short OJT
45-0000	<b>Farming, Fishing, and Forestry Occupations</b>	<b>1,850</b>	<b>1,851</b>	<b>1</b>	<b>0.1%</b>	<b>73</b>	<b>227</b>	<b>300</b>		
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	89	94	5	5.6%	3	10	13	↘	High School   < 5 yrs   none
45-2011	Agricultural Inspectors	n	n	n	n	n	n	n	↓	Bachelor's   none   Moderate OJT
45-2021	Animal Breeders	n	n	n	n	n	n	n	↘	High School   none   Short OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
45-2041	Graders and Sorters, Agricultural Products	16	17	1	6.3%	1	2	3	↘	none   none   Short OJT
45-2091	Agricultural Equipment Operators	83	95	12	14.5%	4	11	16	↗	none   none   Moderate OJT
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	788	817	29	3.7%	32	99	134	↗	none   none   Short OJT
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	410	423	13	3.2%	16	52	69	↗	none   none   Short OJT
45-2099	Agricultural Workers, All Other	n	n	n	n	n	n	n	↓	none   none   Short OJT
45-4011	Forest and Conservation Workers	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
45-4021	Fallers	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
45-4022	Logging Equipment Operators	243	214	-29	-11.9%	9	28	34	↗	High School   none   Moderate OJT
45-4023	Log Graders and Scalers	106	91	-15	-14.2%	4	12	14	↓	High School   none   Moderate OJT
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>25,621</b>	<b>27,892</b>	<b>2,271</b>	<b>8.9%</b>	<b>868</b>	<b>2,064</b>	<b>3,159</b>		
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,802	3,034	232	8.3%	87	216	326	↑	High School   5+ yrs   none
47-2011	Boilermakers	n	n	n	n	n	n	n	↘	High School   none   Apprenticeship
47-2021	Brickmasons and Blockmasons	435	475	40	9.2%	13	32	49	↗	High School   none   Apprenticeship
47-2022	Stonemasons	183	204	21	11.5%	6	14	22	↗	High School   none   Apprenticeship
47-2031	Carpenters	4,732	5,039	307	6.5%	153	353	537	↑	High School   none   Apprenticeship
47-2041	Carpet Installers	74	73	-1	-1.4%	2	5	7	↓	none   none   Short OJT
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	n	n	n	n	n	n	n	↗	none   none   Moderate OJT
47-2043	Floor Sanders and Finishers	89	99	10	11.2%	3	6	10	↗	none   none   Moderate OJT
47-2044	Tile and Marble Setters	170	202	32	18.8%	5	13	21	↗	none   none   Long OJT
47-2051	Cement Masons and Concrete Finishers	159	179	20	12.6%	5	13	20	↗	none   none   Moderate OJT
47-2061	Construction Laborers	4,000	4,399	399	10.0%	140	327	507	↑	none   none   Short OJT
47-2071	Paving, Surfacing, and Tamping Equipment Operators	225	248	23	10.2%	11	19	32	↑	High School   none   Moderate OJT
47-2072	Pile-Driver Operators	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
47-2073	Operating Engineers and Other Construction Equipment Operators	899	985	86	9.6%	32	77	118	↑	High School   none   Moderate OJT
47-2081	Drywall and Ceiling Tile Installers	442	448	6	1.4%	13	31	45	↗	none   none   Moderate OJT
47-2082	Tapers	n	n	n	n	n	n	n	↘	none   none   Moderate OJT
47-2111	Electricians	2,507	2,778	271	10.8%	81	225	333	↑	High School   none   Apprenticeship
47-2121	Glaziers	222	243	21	9.5%	8	19	29	↗	High School   none   Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	342	351	9	2.6%	8	32	41	↗	none   none   Short OJT
47-2132	Insulation Workers, Mechanical	n	n	n	n	n	n	n	↓	High School   none   Apprenticeship
47-2141	Painters, Construction and Maintenance	1,211	1,287	76	6.3%	43	83	134	↑	none   none   Moderate OJT
47-2142	Paperhangers	n	n	n	n	n	n	n	↓	none   none   Long OJT
47-2151	Pipelayers	127	139	12	9.4%	4	11	16	↘	none   none   Short OJT
47-2152	Plumbers, Pipefitters, and Steamfitters	1,787	2,031	244	13.7%	56	156	236	↑	High School   none   Apprenticeship
47-2161	Plasterers and Stucco Masons	n	n	n	n	n	n	n	↓	none   none   Long OJT
47-2171	Reinforcing Iron and Rebar Workers	n	n	n	n	n	n	n	↓	High School   none   Apprenticeship
47-2181	Roofers	314	352	38	12.1%	8	26	38	↑	none   none   Moderate OJT
47-2211	Sheet Metal Workers	535	580	45	8.4%	16	44	64	↗	High School   none   Apprenticeship
47-2221	Structural Iron and Steel Workers	280	316	36	12.9%	8	27	39	↑	High School   none   Apprenticeship
47-2231	Solar Photovoltaic Installers	n	n	n	n	n	n	n	↗	High School   none   Moderate OJT
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	100	111	11	11.0%	4	11	16	↗	none   none   Short OJT
47-3012	Helpers--Carpenters	104	116	12	11.5%	4	11	16	↗	none   none   Short OJT
47-3013	Helpers--Electricians	56	60	4	7.1%	2	6	8	↘	High School   none   Short OJT
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	n	n	n	n	n	n	n	↓	none   none   Short OJT
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	159	184	25	15.7%	6	18	26	↑	High School   none   Short OJT
47-3016	Helpers--Roofers	n	n	n	n	n	n	n	↘	none   none   Short OJT
47-3019	Helpers, Construction Trades, All Other	67	71	4	6.0%	2	7	9	↘	none   none   Short OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
47-4011	Construction and Building Inspectors	417	458	41	9.8%	24	30	58	↗	High School   5+ yrs   Moderate OJT
47-4021	Elevator Installers and Repairers	n	n	n	n	n	n	n	↗	High School   none   Apprenticeship
47-4031	Fence Erectors	n	n	n	n	n	n	n	↗	none   none   Moderate OJT
47-4041	Hazardous Materials Removal Workers	n	n	n	n	n	n	n	↑	High School   none   Moderate OJT
47-4051	Highway Maintenance Workers	1,733	1,800	67	3.9%	71	125	203	↗	High School   none   Moderate OJT
47-4061	Rail-Track Laying and Maintenance Equipment Operators	38	44	6	15.8%	1	3	5	↘	High School   none   Moderate OJT
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	218	247	29	13.3%	7	20	30	↑	High School   none   Moderate OJT
47-4090	Miscellaneous Construction and Related Workers	115	123	8	7.0%	4	11	16	↘	High School   none   Moderate OJT
47-5021	Earth Drillers, Except Oil and Gas	81	88	7	8.6%	3	8	12	↘	High School   none   Moderate OJT
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	n	n	n	n	n	n	n	↓	High School   < 5 yrs   Long OJT
47-5042	Mine Cutting and Channeling Machine Operators	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
47-5051	Rock Splitters, Quarry	n	n	n	n	n	n	n	↘	none   none   Short OJT
47-5081	Helpers--Extraction Workers	70	78	8	11.4%	2	7	10	↗	High School   none   Moderate OJT
49-0000	<b>Installation, Maintenance, and Repair Occupations</b>	26,223	27,689	1,466	5.6%	833	1,810	2,790		
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	2,449	2,566	117	4.8%	78	152	242	↗	High School   < 5 yrs   none
49-2011	Computer, Automated Teller, and Office Machine Repairers	642	646	4	0.6%	18	50	68	↗	High School   none   Short OJT
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n	n	n	n	↘	Associate's   none   Moderate OJT
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	1,080	1,124	44	4.1%	31	91	126	↗	Postsecondary   none   Moderate OJT
49-2091	Avionics Technicians	n	n	n	n	n	n	n	↘	Associate's   none   none
49-2092	Electric Motor, Power Tool, and Related Repairers	n	n	n	n	n	n	n	↘	High School   < 5 yrs   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
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49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	n	n	n	n	n	n	n	↓	Postsecondary   none   Long OJT
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	384	418	34	8.9%	7	28	38	↗	Postsecondary   none   Long OJT
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	99	100	1	1.0%	2	7	9	↘	Postsecondary   < 5 yrs   Moderate OJT
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	136	139	3	2.2%	3	12	15	↘	Postsecondary   none   Short OJT
49-2098	Security and Fire Alarm Systems Installers	341	381	40	11.7%	10	33	47	↑	High School   none   Moderate OJT
49-3011	Aircraft Mechanics and Service Technicians	275	318	43	15.6%	8	16	28	↑	Postsecondary   none   none
49-3021	Automotive Body and Related Repairers	606	660	54	8.9%	20	40	65	↗	High School   none   Long OJT
49-3022	Automotive Glass Installers and Repairers	167	185	18	10.8%	4	13	19	↗	High School   none   Moderate OJT
49-3023	Automotive Service Technicians and Mechanics	4,092	4,178	86	2.1%	112	290	411	↗	Postsecondary   none   Short OJT
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,205	1,297	92	7.6%	35	81	125	↑	High School   none   Long OJT
49-3041	Farm Equipment Mechanics and Service Technicians	63	68	5	7.9%	2	4	6	↘	High School   none   Long OJT
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	575	589	14	2.4%	18	40	59	↗	High School   none   Long OJT
49-3043	Rail Car Repairers	n	n	n	n	n	n	n	↘	High School   none   Long OJT
49-3051	Motorboat Mechanics and Service Technicians	218	237	19	8.7%	9	14	25	↗	High School   none   Long OJT
49-3052	Motorcycle Mechanics	147	162	15	10.2%	6	9	17	↗	Postsecondary   none   Short OJT
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	287	305	18	6.3%	12	18	32	↗	High School   none   Moderate OJT
49-3091	Bicycle Repairers	157	171	14	8.9%	5	13	19	↘	High School   none   Moderate OJT
49-3092	Recreational Vehicle Service Technicians	138	154	16	11.6%	4	12	18	↗	High School   none   Long OJT
49-3093	Tire Repairers and Changers	556	532	-24	-4.3%	16	43	57	↗	High School   none   Short OJT
49-9011	Mechanical Door Repairers	75	84	9	12.0%	2	5	8	↗	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	117	120	3	2.6%	3	7	10	↘	High School   none   Moderate OJT
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,047	2,188	141	6.9%	58	149	221	↑	Postsecondary   none   Long OJT
49-9031	Home Appliance Repairers	275	280	5	1.8%	13	17	30	↗	High School   none   Moderate OJT
49-9041	Industrial Machinery Mechanics	2,272	2,447	175	7.7%	74	142	234	↑	High School   none   Long OJT
49-9043	Maintenance Workers, Machinery	162	170	8	4.9%	6	9	16	↘	High School   none   Long OJT
49-9044	Millwrights	114	124	10	8.8%	3	7	11	↘	High School   none   Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	632	665	33	5.2%	16	39	58	↗	High School   none   Long OJT
49-9052	Telecommunications Line Installers and Repairers	522	566	44	8.4%	13	48	65	↗	High School   none   Long OJT
49-9061	Camera and Photographic Equipment Repairers	n	n	n	n	n	n	n	↓	High School   none   Long OJT
49-9062	Medical Equipment Repairers	141	144	3	2.1%	6	9	15	↘	Associate's   none   Moderate OJT
49-9063	Musical Instrument Repairers and Tuners	n	n	n	n	n	n	n	↘	High School   none   Apprenticeship
49-9069	Precision Instrument and Equipment Repairers, All Other	75	81	6	8.0%	3	5	9	↘	High School   none   Long OJT
49-9071	Maintenance and Repair Workers, General	4,832	5,191	359	7.4%	176	310	522	↑	High School   none   Moderate OJT
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	86	86	0	0.0%	4	7	11	↘	High School   none   Short OJT
49-9092	Commercial Divers	92	95	3	3.3%	4	6	10	↘	Postsecondary   none   Moderate OJT
49-9093	Fabric Menders, Except Garment	n	n	n	n	n	n	n	↓	High School   none   Long OJT
49-9094	Locksmiths and Safe Repairers	n	n	n	n	n	n	n	↓	High School   none   Long OJT
49-9095	Manufactured Building and Mobile Home Installers	46	39	-7	-15.2%	1	2	2	↓	High School   none   Short OJT
49-9096	Riggers	49	55	6	12.2%	1	4	6	↗	High School   none   Moderate OJT
49-9097	Signal and Track Switch Repairers	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
49-9098	Helpers--Installation, Maintenance, and Repair Workers	482	527	45	9.3%	27	38	69	↗	High School   none   Short OJT

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# **OCCUPATIONAL PROJECTIONS, 2018 to 2028**

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
49-9099	Installation, Maintenance, and Repair Workers, All Other	258	274	16	6.2%	10	18	30	↗	High School   none   Moderate OJT
<b>51-0000</b>	<b>Production Occupations</b>	<b>46,975</b>	<b>45,275</b>	<b>-1,700</b>	<b>-3.6%</b>	<b>1,838</b>	<b>3,508</b>	<b>5,176</b>		
51-1011	First-Line Supervisors of Production and Operating Workers	3,120	3,163	43	1.4%	100	221	325	↗	High School   < 5 yrs   none
51-2021	Coil Winders, Tapers, and Finishers	66	52	-14	-21.2%	2	4	5	↓	High School   none   Moderate OJT
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	3,482	3,412	-70	-2.0%	148	244	385	↗	High School   none   Moderate OJT
51-2031	Engine and Other Machine Assemblers	93	78	-15	-16.1%	2	8	8	↓	High School   none   Moderate OJT
51-2041	Structural Metal Fabricators and Fitters	210	187	-23	-11.0%	5	16	19	↓	High School   none   Moderate OJT
51-2091	Fiberglass Laminators and Fabricators	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
51-2098	Assemblers and Fabricators, All Other, Including Team Assemblers	5,913	4,973	-940	-15.9%	223	411	540	↗	High School   none   Moderate OJT
51-3011	Bakers	802	860	58	7.2%	48	66	120	↑	none   none   Long OJT
51-3021	Butchers and Meat Cutters	497	521	24	4.8%	21	42	65	↗	none   none   Long OJT
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	81	87	6	7.4%	3	7	11	↘	none   none   Short OJT
51-3023	Slaughterers and Meat Packers	n	n	n	n	n	n	n	↘	none   none   Short OJT
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	175	187	12	6.9%	10	15	26	↗	none   none   Moderate OJT
51-3092	Food Batchmakers	385	405	20	5.2%	24	35	61	↗	High School   none   Moderate OJT
51-3093	Food Cooking Machine Operators and Tenders	48	50	2	4.2%	3	4	7	↘	High School   none   Moderate OJT
51-3099	Food Processing Workers, All Other	n	n	n	n	n	n	n	↘	none   none   Moderate OJT
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	3,156	2,952	-204	-6.5%	88	226	294	↗	High School   none   Moderate OJT
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	298	363	65	21.8%	10	24	40	↑	Postsecondary   none   Moderate OJT
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	469	428	-41	-8.7%	13	43	52	↗	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	78	60	-18	-23.1%	2	5	5	↓	High School   none   Moderate OJT
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	47	42	-5	-10.6%	1	3	4	↓	High School   none   Moderate OJT
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	673	614	-59	-8.8%	24	48	66	↗	High School   none   Moderate OJT
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	72	57	-15	-20.8%	2	4	4	↓	High School   none   Moderate OJT
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	794	734	-60	-7.6%	32	55	81	↗	High School   none   Moderate OJT
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	274	249	-25	-9.1%	12	17	27	↗	High School   none   Moderate OJT
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	141	119	-22	-15.6%	4	9	11	↓	High School   none   Moderate OJT
51-4041	Machinists	2,094	2,188	94	4.5%	71	146	226	↗	High School   none   Long OJT
51-4051	Metal-Refining Furnace Operators and Tenders	78	74	-4	-5.1%	3	6	9	↓	High School   none   Moderate OJT
51-4052	Pourers and Casters, Metal	29	25	-4	-13.8%	1	2	3	↓	High School   none   Moderate OJT
51-4061	Model Makers, Metal and Plastic	28	29	1	3.6%	1	2	3	↓	High School   none   Moderate OJT
51-4062	Patternmakers, Metal and Plastic	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
51-4071	Foundry Mold and Coremakers	251	212	-39	-15.5%	7	18	21	↓	High School   none   Moderate OJT
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,028	933	-95	-9.2%	30	77	97	↗	High School   none   Moderate OJT
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	748	761	13	1.7%	26	53	80	↗	High School   none   Moderate OJT
51-4111	Tool and Die Makers	216	205	-11	-5.1%	8	13	20	↓	Postsecondary   none   Long OJT
51-4121	Welders, Cutters, Solderers, and Brazers	904	951	47	5.2%	24	78	107	↗	High School   none   Moderate OJT
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	275	255	-20	-7.3%	7	22	27	↗	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	113	102	-11	-9.7%	4	8	11	↓	High School   none   Moderate OJT
51-4192	Layout Workers, Metal and Plastic	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	117	103	-14	-12.0%	3	8	10	↓	High School   none   Moderate OJT
51-4194	Tool Grinders, Filers, and Sharpeners	53	53	0	0.0%	4	4	8	↘	High School   none   Moderate OJT
51-4199	Metal Workers and Plastic Workers, All Other	373	337	-36	-9.7%	12	25	33	↗	High School   none   Moderate OJT
51-5111	Prepress Technicians and Workers	115	96	-19	-16.5%	4	9	11	↓	Postsecondary   none   none
51-5112	Printing Press Operators	866	848	-18	-2.1%	33	60	91	↗	High School   none   Moderate OJT
51-5113	Print Binding and Finishing Workers	267	256	-11	-4.1%	17	19	35	↗	High School   none   Moderate OJT
51-6011	Laundry and Dry-Cleaning Workers	1,123	1,130	7	0.6%	70	80	151	↗	none   none   Short OJT
51-6021	Pressers, Textile, Garment, and Related Materials	146	116	-30	-20.5%	7	8	12	↓	none   none   Short OJT
51-6031	Sewing Machine Operators	519	516	-3	-0.6%	30	28	58	↗	none   none   Short OJT
51-6041	Shoe and Leather Workers and Repairers	99	92	-7	-7.1%	7	4	10	↓	High School   none   Moderate OJT
51-6042	Shoe Machine Operators and Tenders	n	n	n	n	n	n	n	↓	High School   none   Short OJT
51-6051	Sewers, Hand	n	n	n	n	n	n	n	↓	none   none   Moderate OJT
51-6052	Tailors, Dressmakers, and Custom Sewers	102	94	-8	-7.8%	8	5	12	↓	none   none   Moderate OJT
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	84	78	-6	-7.1%	5	6	10	↓	High School   none   Short OJT
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	91	90	-1	-1.1%	4	4	8	↓	High School   none   Moderate OJT
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	320	304	-16	-5.0%	18	16	32	↗	High School   none   Short OJT
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	86	83	-3	-3.5%	3	6	9	↓	High School   none   Moderate OJT
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
51-6092	Fabric and Apparel Patternmakers	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
51-6093	Upholsterers	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
51-6099	Textile, Apparel, and Furnishings Workers, All Other	70	65	-5	-7.1%	4	5	9	↓	High School   none   Short OJT
51-7011	Cabinetmakers and Bench Carpenters	337	316	-21	-6.2%	14	20	32	↗	High School   none   Moderate OJT
51-7021	Furniture Finishers	40	42	2	5.0%	2	3	5	↓	High School   none   Short OJT
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	99	89	-10	-10.1%	3	8	10	↓	High School   none   Moderate OJT
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	684	643	-41	-6.0%	36	57	89	↗	High School   none   Moderate OJT
51-8011	Nuclear Power Reactor Operators	n	n	n	n	n	n	n	↓	High School   none   Long OJT
51-8012	Power Distributors and Dispatchers	60	61	1	1.7%	1	4	5	↓	High School   none   Long OJT
51-8013	Power Plant Operators	143	136	-7	-4.9%	3	10	12	↓	High School   none   Long OJT
51-8021	Stationary Engineers and Boiler Operators	113	117	4	3.5%	4	8	12	↘	High School   none   Long OJT
51-8031	Water and Wastewater Treatment Plant and System Operators	450	429	-21	-4.7%	13	26	37	↗	High School   none   Long OJT
51-8092	Gas Plant Operators	49	45	-4	-8.2%	1	4	5	↓	High School   none   Long OJT
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
51-8099	Plant and System Operators, All Other	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
51-9011	Chemical Equipment Operators and Tenders	125	138	13	10.4%	3	12	16	↗	High School   none   Moderate OJT
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	510	561	51	10.0%	14	48	67	↗	High School   none   Moderate OJT
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	225	223	-2	-0.9%	7	19	26	↗	High School   none   Moderate OJT
51-9022	Grinding and Polishing Workers, Hand	125	99	-26	-20.8%	3	10	10	↓	none   none   Moderate OJT
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	409	442	33	8.1%	13	37	53	↗	High School   none   Moderate OJT
51-9031	Cutters and Trimmers, Hand	54	38	-16	-29.6%	2	4	4	↓	none   none   Short OJT
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	368	372	4	1.1%	15	30	45	↗	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	522	538	16	3.1%	21	37	60	↗	High School   none   Moderate OJT
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	40	39	-1	-2.5%	2	2	4	↓	High School   none   Moderate OJT
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,833	3,152	-681	-17.8%	139	292	363	↗	High School   none   Moderate OJT
51-9071	Jewelers and Precious Stone and Metal Workers	122	108	-14	-11.5%	7	8	14	↓	High School   none   Long OJT
51-9081	Dental Laboratory Technicians	194	216	22	11.3%	9	16	27	↑	High School   none   Moderate OJT
51-9082	Medical Appliance Technicians	36	41	5	13.9%	2	3	5	↘	High School   none   Moderate OJT
51-9083	Ophthalmic Laboratory Technicians	87	96	9	10.3%	4	7	12	↗	High School   none   Moderate OJT
51-9111	Packaging and Filling Machine Operators and Tenders	1,468	1,540	72	4.9%	66	108	181	↗	High School   none   Moderate OJT
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	559	562	3	0.5%	17	44	61	↗	High School   none   Moderate OJT
51-9122	Painters, Transportation Equipment	88	96	8	9.1%	3	7	11	↘	High School   none   Moderate OJT
51-9123	Painting, Coating, and Decorating Workers	51	53	2	3.9%	2	4	6	↘	none   none   Moderate OJT
51-9141	Semiconductor Processors	81	79	-2	-2.5%	3	6	9	↓	High School   none   Moderate OJT
51-9151	Photographic Process Workers and Processing Machine Operators	46	31	-15	-32.6%	2	4	4	↓	High School   none   Short OJT
51-9191	Adhesive Bonding Machine Operators and Tenders	40	42	2	5.0%	1	4	5	↓	High School   none   Moderate OJT
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	130	129	-1	-0.8%	8	12	20	↓	High School   none   Moderate OJT
51-9193	Cooling and Freezing Equipment Operators and Tenders	92	96	4	4.3%	4	7	11	↘	High School   none   Moderate OJT
51-9194	Etchers and Engravers	56	55	-1	-1.8%	3	4	7	↓	High School   none   Moderate OJT
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	255	271	16	6.3%	10	19	31	↗	High School   none   Long OJT
51-9196	Paper Goods Machine Setters, Operators, and Tenders	111	100	-11	-9.9%	3	8	10	↓	High School   none   Moderate OJT
51-9197	Tire Builders	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT

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# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
51-9198	Helpers--Production Workers	2,487	2,831	344	13.8%	141	250	425	↑	High School   none   Short OJT
51-9199	Production Workers, All Other	1,240	1,276	36	2.9%	47	98	149	↗	High School   none   Moderate OJT
53-0000	Transportation and Material Moving Occupations	37,824	39,641	1,817	4.8%	1,832	2,959	4,973		
53-1011	Aircraft Cargo Handling Supervisors	n	n	n	n	n	n	n	↓	High School   < 5 yrs   none
53-1048	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling	1,247	1,341	94	7.5%	41	97	147	↑	High School   < 5 yrs   none
53-2011	Airline Pilots, Copilots, and Flight Engineers	29	33	4	13.8%	1	2	3	↘	Bachelor's   < 5 yr   Moderate OJT
53-2012	Commercial Pilots	273	308	35	12.8%	8	21	33	↑	High School   none   Moderate OJT
53-2021	Air Traffic Controllers	400	406	6	1.5%	10	28	39	↗	Associate's   none   Long OJT
53-2022	Airfield Operations Specialists	n	n	n	n	n	n	n	↘	High School   none   Long OJT
53-2031	Flight Attendants	n	n	n	n	n	n	n	↘	High School   < 5 yrs   Moderate OJT
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
53-3021	Bus Drivers, Transit and Intercity	376	404	28	7.4%	30	19	52	↗	High School   none   Moderate OJT
53-3022	Bus Drivers, School or Special Client	2,488	2,666	178	7.2%	200	125	343	↑	High School   none   Short OJT
53-3031	Driver/Sales Workers	2,439	2,389	-50	-2.1%	99	175	269	↗	High School   none   Short OJT
53-3032	Heavy and Tractor-Trailer Truck Drivers	7,333	7,790	457	6.2%	311	548	905	↑	Postsecondary   none   Short OJT
53-3033	Light Truck or Delivery Services Drivers	4,307	4,563	256	5.9%	183	322	531	↗	High School   none   Short OJT
53-3041	Taxi Drivers and Chauffeurs	2,612	3,105	493	18.9%	154	156	359	↑	none   none   Short OJT
53-3099	Motor Vehicle Operators, All Other	121	133	12	9.9%	13	8	22	↘	none   none   Short OJT
53-4011	Locomotive Engineers	21	24	3	14.3%	1	2	3	↘	High School   < 5 yrs   Moderate OJT
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
53-4021	Railroad Brake, Signal, and Switch Operators	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
53-4031	Railroad Conductors and Yardmasters	n	n	n	n	n	n	n	↘	High School   none   Moderate OJT
53-4099	Rail Transportation Workers, All Other	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT

n = Employment data do not meet disclosure standards

# OCCUPATIONAL PROJECTIONS, 2018 to 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
53-5011	Sailors and Marine Oilers	n	n	n	n	n	n	n	↘	none   none   Moderate OJT
53-5021	Captains, Mates, and Pilots of Water Vessels	82	92	10	12.2%	2	6	9	↗	Postsecondary   < 5 yrs   none
53-5022	Motorboat Operators	n	n	n	n	n	n	n	↓	Postsecondary   < 5 yrs   none
53-5031	Ship Engineers	n	n	n	n	n	n	n	↓	Postsecondary   < 5 yrs   none
53-6011	Bridge and Lock Tenders	30	30	0	0.0%	1	2	3	↓	High School   none   Short OJT
53-6021	Parking Lot Attendants	201	213	12	6.0%	11	21	33	↗	none   none   Short OJT
53-6031	Automotive and Watercraft Service Attendants	476	525	49	10.3%	22	52	79	↑	none   none   Short OJT
53-6041	Traffic Technicians	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
53-6051	Transportation Inspectors	60	65	5	8.3%	2	4	6	↘	High School   none   Moderate OJT
53-6061	Transportation Attendants, Except Flight Attendants	n	n	n	n	n	n	n	↗	High School   none   Short OJT
53-6099	Transportation Workers, All Other	n	n	n	n	n	n	n	↘	High School   none   Short OJT
53-7011	Conveyor Operators and Tenders	36	37	1	2.8%	1	3	4	↓	none   none   Short OJT
53-7021	Crane and Tower Operators	139	155	16	11.5%	5	12	19	↗	High School   < 5 yrs   Moderate OJT
53-7032	Excavating and Loading Machine and Dragline Operators	480	501	21	4.4%	18	40	60	↗	High School   < 5 yrs   Moderate OJT
53-7033	Loading Machine Operators, Underground Mining	n	n	n	n	n	n	n	↓	none   none   Short OJT
53-7041	Hoist and Winch Operators	n	n	n	n	n	n	n	↘	none   none   Short OJT
53-7051	Industrial Truck and Tractor Operators	1,278	1,373	95	7.4%	40	109	159	↑	none   none   Short OJT
53-7061	Cleaners of Vehicles and Equipment	1,451	1,585	134	9.2%	76	145	234	↑	none   none   Short OJT
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	6,241	6,536	295	4.7%	288	599	917	↗	none   none   Short OJT
53-7063	Machine Feeders and Offbearers	333	356	23	6.9%	17	28	47	↗	none   none   Short OJT
53-7064	Packers and Packagers, Hand	4,119	3,662	-457	-11.1%	233	328	515	↗	none   none   Short OJT
53-7071	Gas Compressor and Gas Pumping Station Operators	n	n	n	n	n	n	n	↓	High School   none   Moderate OJT
53-7072	Pump Operators, Except Wellhead Pumps	171	183	12	7.0%	6	15	22	↘	High School   none   Moderate OJT

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## OCCUPATIONAL PROJECTIONS, 2018 TO 2028

SOC Code	Occupation Title	2018 Estimated	2028 Projected	Numeric Change	Percent Change	Average Annual Openings			Outlook	Education/ Experience/ Training
						Exits	Transfers	Total		
53-7081	Refuse and Recyclable Material Collectors	790	836	46	5.8%	44	68	117	↗	none   none   Short OJT
53-7121	Tank Car, Truck, and Ship Loaders	n	n	n	n	n	n	n	↓	none   none   Short OJT
53-7199	Material Moving Workers, All Other	n	n	n	n	n	n	n	↓	none   none   Short OJT

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**INDUSTRY PROJECTIONS, 2018 To 2028**

New Hampshire Long-term Industry Projections 2018 to 2028		2018 Estimated	2028 Projected	Numeric Change	Percent Change
	<b>Total Employment</b>	<b>704,622</b>	<b>741,886</b>	<b>37,264</b>	<b>5.3%</b>
	<b>Goods-Producing Industries</b>	<b>100,028</b>	<b>99,922</b>	<b>-106</b>	<b>-0.1%</b>
11	<b>Agriculture, Forestry, Fishing and Hunting</b>	<b>2,048</b>	<b>2,104</b>	<b>56</b>	<b>2.7%</b>
111	Crop Production	1,001	1,071	70	7.0%
112	Animal Production	470	499	29	6.2%
113	Forestry and Logging	423	371	-52	-12.3%
114	Fishing Hunting and Trapping	n	n	n	n
115	Agriculture and Forestry Support Activities	n	n	n	n
21	<b>Mining</b>	<b>564</b>	<b>558</b>	<b>-6</b>	<b>-1.1%</b>
212	Mining (except oil and gas)	462	460	-2	-0.4%
213	Support Activities for Mining	102	98	-4	-3.9%
23	<b>Construction</b>	<b>26,929</b>	<b>29,456</b>	<b>2,527</b>	<b>9.4%</b>
236	Construction of Buildings	5,748	6,152	404	7.0%
237	Heavy and Civil Engineering Construction	3,450	3,722	272	7.9%
238	Specialty Trade Contractors	17,731	19,582	1,851	10.4%
31-33	<b>Manufacturing</b>	<b>70,487</b>	<b>67,804</b>	<b>-2,683</b>	<b>-3.8%</b>
311	Food Manufacturing	2,758	2,874	116	4.2%
312	Beverage and Tobacco Product Manufacturing	1,055	1,111	56	5.3%
313	Textile Mills	1,900	1,774	-126	-6.6%
314	Textile Product Mills	238	253	15	6.3%
315	Apparel Manufacturing	458	417	-41	-9.0%
316	Leather and Allied Product Manufacturing	194	168	-26	-13.4%
321	Wood Product Manufacturing	1,656	1,466	-190	-11.5%
322	Paper Manufacturing	817	664	-153	-18.7%
323	Printing and Related Support Activities	2,395	2,227	-168	-7.0%
324	Petroleum and Coal Products Manufacturing	254	244	-10	-3.9%
325	Chemical Manufacturing	2,278	2,645	367	16.1%
326	Plastics and Rubber Products Manufacturing	5,556	5,297	-259	-4.7%
327	Nonmetallic Mineral Product Manufacturing	1,977	2,030	53	2.7%
331	Primary Metal Manufacturing	2,351	2,080	-271	-11.5%
332	Fabricated Metal Product Manufacturing	11,806	11,506	-300	-2.5%
333	Machinery Manufacturing	6,933	6,177	-756	-10.9%
334	Computer and Electronic Product Manufacturing	16,072	15,335	-737	-4.6%
335	Electrical Equipment, Appliance, and Component Manufacturing	4,114	3,886	-228	-5.5%
336	Transportation Equipment Manufacturing	2,457	2,608	151	6.1%
337	Furniture and Related Product Manufacturing	935	819	-116	-12.4%
339	Miscellaneous Manufacturing	4,283	4,223	-60	-1.4%
	<b>Service-Providing Industries</b>	<b>566,848</b>	<b>601,842</b>	<b>34,994</b>	<b>6.2%</b>
22	<b>Utilities</b>	<b>2,045</b>	<b>1,981</b>	<b>-64</b>	<b>-3.1%</b>
221	Utilities	2,045	1,981	-64	-3.1%
42	<b>Wholesale Trade</b>	<b>28,055</b>	<b>28,863</b>	<b>808</b>	<b>2.9%</b>
423	Merchant Wholesalers, Durable Goods	11,533	11,326	-207	-1.8%
424	Merchant Wholesalers, Nondurable Goods	7,762	8,239	477	6.1%
425	Wholesale Electronic Markets and Agents/Brokers	8,760	9,298	538	6.1%

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**INDUSTRY PROJECTIONS, 2018 To 2028**

New Hampshire Long-term Industry Projections 2018 to 2028		2018 Estimated	2028 Projected	Numeric Change	Percent Change
<b>44-45</b>	<b>Retail Trade</b>	<b>94,439</b>	<b>93,768</b>	<b>-671</b>	<b>-0.7%</b>
441	Motor Vehicle and Parts Dealers	12,586	12,906	320	2.5%
442	Furniture and Home Furnishings Stores	2,674	2,796	122	4.6%
443	Electronics and Appliance Stores	3,084	2,722	-362	-11.7%
444	Building Material and Garden Supply Stores	9,677	9,998	321	3.3%
445	Food and Beverage Stores	21,731	21,521	-210	-1.0%
446	Health and Personal Care Stores	4,244	4,454	210	4.9%
447	Gasoline Stations	4,442	4,553	111	2.5%
448	Clothing and Clothing Accessories Stores	6,111	5,153	-958	-15.7%
451	Sporting Goods, Hobby, Book, and Music Stores	4,173	3,835	-338	-8.1%
452	General Merchandise Stores	14,690	14,568	-122	-0.8%
453	Miscellaneous Store Retailers	5,435	5,277	-158	-2.9%
454	Non-store Retailers	5,592	5,985	393	7.0%
<b>48-49</b>	<b>Transportation and Warehousing</b>	<b>17,938</b>	<b>19,043</b>	<b>1,105</b>	<b>6.2%</b>
481	Air Transportation	504	539	35	6.9%
482	Rail Transportation	n	n	n	n
484	Truck Transportation	3,115	3,334	219	7.0%
485	Transit and Ground Passenger Transport	3,545	3,760	215	6.1%
486	Pipeline Transportation	n	n	n	n
487	Scenic and Sightseeing Transportation	296	337	41	13.9%
488	Support Activities for Transportation	1,413	1,701	288	20.4%
4911	Postal Service, Federal Government	3,246	2,893	-353	-10.9%
492	Couriers and Messengers	2,917	3,136	219	7.5%
493	Warehousing and Storage	2,796	3,237	441	15.8%
<b>51</b>	<b>Information</b>	<b>12,388</b>	<b>12,308</b>	<b>-80</b>	<b>-0.6%</b>
511	Publishing Industries	4,992	5,072	80	1.6%
512	Motion Picture and Sound Recording Industries	964	1,008	44	4.6%
515	Broadcasting (except Internet)	624	488	-136	-21.8%
517	Telecommunications	3,862	3,534	-328	-8.5%
518	Data Processing, Hosting, and Related Services	1,457	1,683	226	15.5%
519	Other Information Services	489	523	34	7.0%
<b>52</b>	<b>Finance and Insurance</b>	<b>27,472</b>	<b>28,481</b>	<b>1,009</b>	<b>3.7%</b>
522	Credit Intermediation and Related Activities	8,025	8,081	56	0.7%
523	Financial Investment and Related Activities	6,412	6,806	394	6.1%
524	Insurance Carriers and Related Activities	13,001	13,551	550	4.2%
525	Funds, Trusts, and Other Financial Vehicles	34	43	9	26.5%
<b>53</b>	<b>Real Estate and Rental and Leasing</b>	<b>7,138</b>	<b>7,621</b>	<b>483</b>	<b>6.8%</b>
531	Real Estate	4,958	5,307	349	7.0%
532	Rental and Leasing Services	2,153	2,285	132	6.1%
533	Lessors of Non-financial Intangible Assets	27	29	2	7.4%
<b>54</b>	<b>Professional, Scientific, and Technical Services</b>	<b>37,882</b>	<b>44,734</b>	<b>6,852</b>	<b>18.1%</b>
541	Professional, Scientific, and Technical Services	37,882	44,734	6,852	18.1%
5411	Legal Services	3,900	3,902	2	0.1%
5412	Accounting, Tax Prep., Bookkeeping, and Payroll Services	3,987	4,144	157	3.9%

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**INDUSTRY PROJECTIONS, 2018 To 2028**

New Hampshire Long-term Industry Projections 2018 to 2028		2018 Estimated	2028 Projected	Numeric Change	Percent Change
5413	Architectural, Engineering, and Related Services	6,426	8,092	1,666	25.9%
5414	Specialized Design Services	429	467	38	8.9%
5415	Computer Systems Design and Related Services	11,896	14,934	3,038	25.5%
5416	Management, Scientific, and Technical Consulting Services	4,537	5,476	939	20.7%
5417	Scientific Research and Development Services	1,873	2,219	346	18.5%
5418	Advertising and Related Services	1,595	1,794	199	12.5%
5419	Other Professional, Scientific, and Technical Services	3,239	3,706	467	14.4%
<b>55</b>	<b>Management of Companies and Enterprises</b>	<b>9,095</b>	<b>9,517</b>	<b>422</b>	<b>4.6%</b>
551	Management of Companies and Enterprises	9,095	9,517	422	4.6%
<b>56</b>	<b>Administrative and Support and Waste Management Services</b>	<b>35,830</b>	<b>38,692</b>	<b>2,862</b>	<b>8.0%</b>
561	Administrative and Support Services	33,809	36,565	2,756	8.2%
5611	Office Administrative Services	4,387	5,310	923	21.0%
5612	Facilities Support Services	n	n	n	n
5613	Employment Services	11,764	12,249	485	4.1%
5614	Business Support Services	3,044	3,231	187	6.1%
5615	Travel Arrangement and Reservation	840	812	-28	-3.3%
5616	Investigation and Security	2,242	2,379	137	6.1%
5617	Services to Buildings and Dwellings	9,852	10,814	962	9.8%
5619	Other Support Services	n	n	n	n
562	Waste Management and Remediation Services	2,021	2,127	106	5.2%
<b>61</b>	<b>Educational Services</b>	<b>63,784</b>	<b>65,101</b>	<b>1,317</b>	<b>2.1%</b>
611	Educational Services	63,784	65,101	1,317	2.1%
6111	Elementary and Secondary Schools	41,450	41,160	-290	-0.7%
6112	Junior Colleges	n	n	n	n
6113	Colleges and Universities	16,839	17,874	1,035	6.1%
6114	Business Schools and Computer and Management Training	446	421	-25	-5.6%
6115	Technical and Trade Schools	372	362	-10	-2.7%
6116	Other Schools and Instruction	2,567	3,230	663	25.8%
6117	Educational Support Services	n	n	n	n
<b>62</b>	<b>Health Care and Social Assistance</b>	<b>92,901</b>	<b>105,765</b>	<b>12,864</b>	<b>13.8%</b>
621	Ambulatory Health Care Services	33,452	40,816	7,364	22.0%
622	Hospitals	29,829	31,509	1,680	5.6%
623	Nursing and Residential Care Facilities	14,211	15,210	999	7.0%
624	Social Assistance	15,409	18,230	2,821	18.3%
<b>71</b>	<b>Arts, Entertainment, and Recreation</b>	<b>12,293</b>	<b>13,119</b>	<b>826</b>	<b>6.7%</b>
711	Performing Arts, Spectator Sports, and Related Industries	1,484	1,550	66	4.4%
712	Museums, Historical Sites, and Similar Institutions	606	649	43	7.1%
713	Amusements, Gambling, and Recreation	10,203	10,920	717	7.0%
<b>72</b>	<b>Accommodation and Food Services</b>	<b>59,662</b>	<b>64,500</b>	<b>4,838</b>	<b>8.1%</b>
721	Accommodation	9,519	9,868	349	3.7%
722	Food Services and Drinking Places	50,143	54,632	4,489	9.0%
<b>81</b>	<b>Other Services (Except Government)</b>	<b>25,826</b>	<b>27,692</b>	<b>1,866</b>	<b>7.2%</b>
811	Repair and Maintenance	6,965	7,571	606	8.7%
812	Personal and Laundry	7,188	7,759	571	7.9%

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**INDUSTRY PROJECTIONS, 2018 TO 2028**

<b>New Hampshire Long-term Industry Projections 2018 to 2028</b>		<b>2018 Estimated</b>	<b>2028 Projected</b>	<b>Numeric Change</b>	<b>Percent Change</b>
813	Religious, Grantmaking, Civic, Professional, and Similar Org.	10,865	11,627	762	7.0%
814	Private Households	808	735	-73	-9.0%
	<b>Government</b>	<b>40,100</b>	<b>40,657</b>	<b>557</b>	<b>1.4%</b>
	Federal Government, excluding Postal Service	4,522	4,522	0	0.0%
	State Government, excluding Education and Hospitals <sup>1,2</sup>	12,685	12,569	-116	-0.9%
	Local Government, excluding Education <sup>1</sup>	22,893	23,566	673	2.9%
	<b>Self-employed Workers</b>	<b>37,746</b>	<b>40,122</b>	<b>2,376</b>	<b>6.3%</b>

<sup>1</sup> Employment for public schools and colleges is included in sector 61, Educational Services

<sup>2</sup> Employment at the State Hospital is included in subsector 622, Hospitals

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