

Vermont

Short Term Employment Projections 2019 - 2021

Background

Short term employment projections are produced annually using historical and current industry employment and occupational survey data to project how employment will change in the near term. The projection results reflect short term business cycle activity, such as periods of recession or rapid growth. Consequently, the short term employment projections are helpful for those looking for immediate employment, whether temporary, part-time or full-time.

In contrast, Vermont's long term (ten-year) employment projections are designed to assist the educational community, workforce development specialists and individuals planning for the future. The long term occupational employment projections can be used to identify occupations that will show stability, growth and good incomes over the long run. The methods used to produce long term projections ignore the peaks and valleys of business cycles and focus on the fundamental elements that affect the demand for a particular occupation.

Short Term Employment Projections Tables:

Occupations with the Most Openings

Fastest Growing Occupations

Industry Projections

For more Vermont information, including projections, go to Occupations or Industries at www.vtLmi.info.

Methods

The 2019-2021 short term employment projections are based on Vermont historical data from 1990 through the first quarter of 2019. The primary data sources used were the Quarterly Census of Employment and Wages and the Occupational Employment Statistics survey.

The results of the 2019–2021 occupational employment projections provide a general guide for the direction and relative strength of occupational demand but are not intended to indicate absolute levels of employment in an occupation.

New Separations Methodology

The Bureau of Labor Statistics (BLS) has implemented a new methodology to measure occupational separations starting with the 2017-2019 projections. The old Replacement methodology, developed in the early 1990s, reflected the once-traditional career path of workers who stayed in the same industry or occupation until retirement. The new Separations methodology includes a broader range of reasons for exiting the occupation, including promotions, changing careers, and completing a retraining program. The purpose of both methods remains the same: to provide estimates of workers who permanently leave their occupation and need to be replaced by new workers. Note that this still does not include openings due to a worker leaving a job for another job in the same occupation. The other component of job openings, of course, is projected overall growth or decline of employment in each industry that uses that occupation.

For more information about the Separations methodology, visit:
www.bls.gov/emp/ep_separations.htm.

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Vermont
Short Term Occupational Projections: 2019 - 2021
Occupations with the Most Openings

Occupation	2019 Base Year Employment	2021 Projected Employment	Total Annual Openings	Average Annual Growth Rate*
1 Cashiers	9,387	9,229	1,676	-0.8%
2 Personal Care Aides	7,308	7,745	1,267	2.9%
3 Waiters and Waitresses	6,065	6,140	1,210	0.6%
4 Combined Food Preparation and Serving Workers, Including Fast Food	6,186	6,323	1,181	1.1%
5 Retail Salespersons	8,516	8,334	1,139	-1.1%
6 Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,422	5,481	748	0.5%
7 Bookkeeping, Accounting, and Auditing Clerks	5,564	5,523	626	-0.4%
8 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	5,781	5,688	596	-0.8%
9 Farmers, Ranchers, and Other Agricultural Managers	5,279	5,313	544	0.3%
10 Maids and Housekeeping Cleaners	3,855	3,873	530	0.2%
11 Customer Service Representatives	4,060	4,033	525	-0.3%
12 Landscaping and Groundskeeping Workers	3,470	3,551	495	1.2%
13 Cooks, Restaurant	3,004	3,123	493	2.0%
14 Carpenters	4,568	4,584	481	0.2%
15 First-Line Supervisors of Retail Sales Workers	4,683	4,593	465	-1.0%
16 Teacher Assistants	4,817	4,725	457	-1.0%
17 Laborers and Freight, Stock, and Material Movers, Hand	3,023	3,041	430	0.3%
18 Heavy and Tractor-Trailer Truck Drivers	3,797	3,790	427	-0.1%
19 Childcare Workers	2,852	2,846	421	-0.1%
20 Registered Nurses	6,797	6,886	410	0.7%
21 Bartenders	2,202	2,239	409	0.8%
22 Stock Clerks and Order Fillers	2,885	2,886	384	0.0%
23 Nursing Assistants	3,261	3,285	379	0.4%
24 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,661	1,662	361	0.0%
25 Receptionists and Information Clerks	2,747	2,733	361	-0.3%
26 Coaches and Scouts	2,251	2,271	340	0.4%
27 General and Operations Managers	3,563	3,599	329	0.5%
28 Accountants and Auditors	3,275	3,305	322	0.5%
29 Substitute Teachers	2,979	2,940	317	-0.7%
30 Maintenance and Repair Workers, General	2,988	3,024	310	0.6%
31 Social and Human Service Assistants	2,364	2,390	296	0.5%
32 Construction Laborers	2,538	2,560	294	0.4%
33 Light Truck or Delivery Services Drivers	2,481	2,476	280	-0.1%

Vermont
Short Term Occupational Projections: 2019 - 2021
Occupations with the Most Openings

Occupation	2019 Base Year Employment	2021 Projected Employment	Total Annual Openings	Average Annual Growth Rate*
34 Recreation Workers	1,493	1,519	263	0.9%
35 Elementary School Teachers, Except Special Education	4,149	4,065	261	-1.0%
36 First-Line Supervisors of Food Preparation and Serving Workers	1,604	1,628	258	0.7%
37 Food Preparation Workers	1,260	1,276	227	0.6%
38 Automotive Service Technicians and Mechanics	2,266	2,273	226	0.2%
39 First-Line Supervisors of Office and Administrative Support Workers	2,187	2,175	222	-0.3%
40 Fitness Trainers and Aerobics Instructors	1,217	1,247	220	1.2%
41 Medical Secretaries	1,934	1,936	218	0.1%
42 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,012	2,022	217	0.2%
43 Compliance Officers	2,151	2,199	214	1.1%
44 Market Research Analysts and Marketing Specialists	1,677	1,743	207	1.9%
45 Amusement and Recreation Attendants	847	868	207	1.2%
46 Hairdressers, Hairstylists, and Cosmetologists	1,609	1,611	202	0.1%
47 Farmworkers, Farm, Ranch, and Aquacultural Animals	1,183	1,185	194	0.1%
48 Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,046	1,082	192	1.7%
49 Dishwashers	1,177	1,183	191	0.3%
50 Food Service Managers	1,533	1,552	187	0.6%
Total, All Occupations	357,334	358,814	41,205	0.2%

NOTES AND METHODS:

The 2020 short term occupational projections were based on Vermont historical data from 1990 through 2019, 1st quarter. Time series forecasting methods were used to predict employment movements through 1st quarter, 2021. The results provide a general guide for the direction and relative strength of occupational demand but are not intended to indicate an absolute level of job openings.

* The average annual growth rate, using a compounding formula.

Last updated March, 2020

Vermont
Short Term Occupational Projections: 2019 - 2021
Fastest Growing Occupations

Occupation	2019 Base Year Employment	2021 Projected Employment	Average Annual Growth Rate*	Total** Annual Openings
1 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	207	225	4.3%	35
2 Computer-Controlled Machine Tool Operators, Metal and Plastic	1,202	1,276	3.0%	165
3 Personal Care Aides	7,308	7,745	2.9%	1267
4 Information Security Analysts	139	147	2.8%	14
5 Veterinary Assistants and Laboratory Animal Caretakers	84	88	2.4%	15
6 Software Developers, Applications	967	1,012	2.3%	92
7 Respiratory Therapists	198	207	2.2%	15
8 Veterinary Technologists and Technicians	471	492	2.2%	49
9 Taxi Drivers and Chauffeurs	1,374	1,430	2.0%	180
10 Agricultural Equipment Operators	149	155	2.0%	28
11 Cooks, Restaurant	3,004	3,123	2.0%	493
12 Veterinarians	304	316	2.0%	18
13 Market Research Analysts and Marketing Specialists	1,677	1,743	1.9%	207
14 Home Health Aides	621	645	1.9%	83
15 Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	79	82	1.9%	10
16 Software Developers, Systems Software	936	970	1.8%	84
17 Tree Trimmers and Pruners	583	604	1.8%	86
18 Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,046	1,082	1.7%	192
19 Physician Assistants	302	312	1.6%	21
20 Refuse and Recyclable Material Collectors	471	486	1.6%	74
21 First-Line Supervisors of Protective Service Workers, All Other	97	100	1.5%	12
22 Sales Engineers	97	100	1.5%	12
23 Management Analysts	1,172	1,208	1.5%	130
24 Tool and Die Makers	197	203	1.5%	23
25 Medical Equipment Preparers	99	102	1.5%	13
26 Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	136	140	1.5%	20
27 Paralegals and Legal Assistants	729	750	1.4%	88
28 Nurse Practitioners	556	572	1.4%	38
29 Media and Communication Workers, All Other	215	221	1.4%	25
30 Technical Writers	110	113	1.4%	14
31 Security and Fire Alarm Systems Installers	74	76	1.3%	10

Vermont
Short Term Occupational Projections: 2019 - 2021
Fastest Growing Occupations

Occupation	2019 Base Year Employment	2021 Projected Employment	Average Annual Growth Rate*	Total** Annual Openings
32 Financial Specialists, All Other	149	153	1.3%	15
33 Electronics Engineers, Except Computer	115	118	1.3%	10
34 Aircraft Mechanics and Service Technicians	156	160	1.3%	14
35 Electrical Engineers	667	684	1.3%	53
36 Weighers, Measurers, Checkers, and Samplers, Recordkeeping	157	161	1.3%	21
37 Baggage Porters and Bellhops	119	122	1.3%	19
38 Biological Technicians	120	123	1.2%	15
39 Amusement and Recreation Attendants	847	868	1.2%	207
40 Fitness Trainers and Aerobics Instructors	1,217	1,247	1.2%	220
41 Cooling and Freezing Equipment Operators and Tenders	123	126	1.2%	16
42 Environmental Engineers	123	126	1.2%	12
43 Healthcare Support Workers, All Other	82	84	1.2%	11
44 Physical Therapist Assistants	209	214	1.2%	28
45 Detectives and Criminal Investigators	210	215	1.2%	15
46 Production Workers, All Other	339	347	1.2%	44
47 Computer User Support Specialists	1,404	1,437	1.2%	132
48 Industrial Machinery Mechanics	639	654	1.2%	67
49 Plumbers, Pipefitters, and Steamfitters	684	700	1.2%	84
50 Landscaping and Groundskeeping Workers	3,470	3,551	1.2%	495
Total, All Occupations	357,334	358,814	0.2%	41,205

NOTES AND METHODS:

The 2020 short term occupational projections were based on Vermont historical data from 1990 through 2019, 1st quarter. Time series forecasting methods were used to predict employment movements through 1st quarter, 2021. The results provide a general guide for the direction and relative strength of occupational demand but are not intended to indicate an absolute level of job openings.

*The average annual growth rate, using a compounding formula.

**Fastest growing occupations with annual openings of at least 10.

Last updated March, 2020

Vermont
Short Term Industry Projections: 2019 - 2021

NAICS Industry		2019	2021	2019-	Average
		Employment	Projected Employment	2021 Change	Annual Growth Rate *
Natural Resources and Mining					
111	Crop Production	841	894	53	3.1%
112	Animal Production	1,772	1,783	11	0.3%
113	Forestry and Logging	208	204	-4	-1.0%
115	Support Activities for Agriculture and Forestry	273	272	-1	-0.2%
212	Mining (except Oil and Gas)	531	519	-12	-1.1%
213	Support Activities for Mining	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
Utilities					
221	Utilities	1,222	1,196	-26	-1.1%
Construction					
236	Construction of Buildings	3,921	3,937	16	0.2%
237	Heavy and Civil Engineering Construction	1,060	1,037	-23	-1.1%
238	Specialty Trade Contractors	8,604	8,821	217	1.3%
Manufacturing					
311	Food Manufacturing	5,223	5,091	-132	-1.3%
312	Beverage and Tobacco Product Manufacturing	1,023	1,194	171	8.0%
313	Textile Mills	147	150	3	1.0%
314	Textile Product Mills	75	74	-1	-0.7%
315	Apparel Manufacturing	377	420	43	5.5%
316	Leather and Allied Product Manufacturing	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
321	Wood Product Manufacturing	1,492	1,439	-53	-1.8%
322	Paper Manufacturing	697	654	-43	-3.1%
323	Printing and Related Support Activities	1,029	998	-31	-1.5%
324	Petroleum and Coal Products Manufacturing	38	39	1	1.3%
325	Chemical Manufacturing	1,373	1,421	48	1.7%
326	Plastics and Rubber Products Manufacturing	1,191	1,250	59	2.4%
327	Nonmetallic Mineral Product Manufacturing	1,425	1,412	-13	-0.5%
331	Primary Metal Manufacturing	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
332	Fabricated Metal Product Manufacturing	1,901	1,858	-43	-1.1%
333	Machinery Manufacturing	2,764	2,767	3	0.1%
334	Computer and Electronic Product Manufacturing	4,722	4,719	-3	0.0%
335	Electrical Equipment, Appliance, and Component Mfg	1,118	1,006	-112	-5.1%
336	Transportation Equipment Manufacturing	1,889	2,089	200	5.2%
337	Furniture and Related Product Manufacturing	1,289	1,215	-74	-2.9%
339	Miscellaneous Manufacturing	1,652	1,588	-64	-2.0%
Wholesale Trade					
423	Merchant Wholesalers, Durable Goods	3,912	3,914	2	0.0%
424	Merchant Wholesalers, Nondurable Goods	4,802	4,804	2	0.0%
425	Wholesale Electronic Mkts, Agents and Brokers	347	329	-18	-2.6%

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Short Term Industry Projections: 2019 - 2021

NAICS Industry		2019	2021	2019-	Average
		Employment	Projected Employment	2021 Change	Annual Growth Rate *
Retail Trade					
441	Motor Vehicle and Parts Dealers	5,190	5,226	36	0.3%
442	Furniture and Home Furnishings Stores	882	847	-35	-2.0%
443	Electronics and Appliance Stores	608	559	-49	-4.1%
444	Building Material and Garden Supplies Dealers	3,344	3,323	-21	-0.3%
445	Food and Beverage Stores	9,793	9,853	60	0.3%
446	Health and Personal Care Stores	1,842	1,712	-130	-3.6%
447	Gasoline Stations	3,805	3,745	-60	-0.8%
448	Clothing and Clothing Accessories Stores	1,890	1,769	-121	-3.3%
451	Sporting Goods, Hobby, Book, and Music Stores	1,776	1,756	-20	-0.6%
452	General Merchandise Stores	3,263	3,206	-57	-0.9%
453	Miscellaneous Store Retailers	1,995	1,913	-82	-2.1%
454	Nonstore Retailers	2,273	2,207	-66	-1.5%
Transportation & Warehousing					
481	Air Transportation	114	106	-8	-3.6%
482	Rail Transportation	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
483	Water Transportation	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
484	Truck Transportation	2,087	2,057	-30	-0.7%
485	Transit and Ground Passenger Transport	1,411	1,431	20	0.7%
487	Scenic and Sightseeing Transportation	15	15	0	0.0%
488	Support Activities for Transportation	499	507	8	0.8%
492	Couriers and Messengers	1,132	1,151	19	0.8%
493	Warehousing and Storage	1,360	1,379	19	0.7%
Information					
511	Publishing Industries	1,618	1,559	-59	-1.8%
512	Motion Picture and Sound Recording Industries	338	323	-15	-2.2%
515	Broadcasting (except Internet)	619	621	2	0.2%
517	Telecommunications	851	792	-59	-3.5%
518	Data Processing, Hosting and Related Services	371	389	18	2.4%
519	Other Information Services	468	467	-1	-0.1%
Financial Activities					
522	Credit Intermediation and Related Activities	4,159	4,103	-56	-0.7%
523	Securities, Commodity Contracts, & Other Investments	856	881	25	1.4%
524	Insurance Carriers and Related Activities	4,101	4,153	52	0.6%
525	Funds, Trusts, and Other Financial Vehicles	28	25	-3	-5.5%
531	Real Estate	2,274	2,332	58	1.3%
532	Rental and Leasing Services	713	710	-3	-0.2%
533	Lessors of Nonfinancial Intangible Assets	24	24	0	0.0%

Vermont
Short Term Industry Projections: 2019 - 2021

NAICS Industry		2019 Employment	2021 Projected Employment	2019- 2021 Change	Average Annual Growth Rate *
Professional and Business Services					
541	Professional, Scientific, and Technical Services	14,817	15,299	482	1.6%
551	Management of Companies and Enterprises	1,943	1,964	21	0.5%
561	Administrative and Support Services	10,321	10,792	471	2.3%
562	Waste Management and Remediation Service	1,056	1,091	35	1.6%
Educational and Health Services					
611	Educational Services (includes public education)	40,621	39,843	-778	-1.0%
621	Ambulatory Health Care Services	17,376	17,409	33	0.1%
622	Hospitals (includes state hospital)	14,785	14,956	171	0.6%
623	Nursing and Residential Care Facilities	7,394	7,418	24	0.2%
624	Social Assistance	12,855	13,310	455	1.8%
Leisure and Hospitality					
711	Perf. Arts, Spectator Sports, and Rel. Industries	735	771	36	2.4%
712	Museums, Historical Sites, and Similar Institution	459	480	21	2.3%
713	Amusement, Gambling, and Recreation Industries	2,957	3,045	88	1.5%
721	Accommodation	14,558	14,833	275	0.9%
722	Food Services and Drinking Places	20,509	20,847	338	0.8%
Other Services					
811	Repair and Maintenance	2,770	2,831	61	1.1%
812	Personal and Laundry Services	1,960	1,955	-5	-0.1%
813	Religious, Grantmaking, Civic, Prof, and Similar Org's	5,386	5,425	39	0.4%
814	Private Households	543	550	7	0.6%
Government					
	Total Federal Government Employment	7,042	7,159	117	0.8%
	Federal Government, Excluding Post Office	5,464	5,612	148	1.3%
	Postal Service	1,578	1,547	-31	-1.0%
	State Government, Excluding Education and Hospitals	9,476	9,365	-111	-0.6%
	Local Government, Excluding Education and Hospitals	8,131	8,214	83	0.5%
	Total Wage and Salary Employment**	312,774	314,254	1,480	0.2%
	Total Self-Employed Workers, All Jobs	44,560	44,560	0	0.0%
	Total Employment, All Jobs**	357,334	358,814	1,480	0.2%

NOTES AND METHODS

n Data do not meet disclosure standards

* Growth rates are compound average annual rates

** Total Employment includes suppressed values and does not equal the sum of the disclosed industry line items
 NAICS refers to the North American Industry Classification System.
 Employment shown in 2019 and 2021 is for first quarter, Jan--Mar.

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