

Vermont

Short Term Employment Projections 2017 - 2019

Background

Every year, the Vermont Department of Labor produces the state's short term employment projections. These projections use historical and current industry employment and occupational survey data to project how employment will change over a two-year period. 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 2017-2019 short term employment projections are based on Vermont historical data from 1990 through the first quarter of 2017. The primary data sources used were the Quarterly Census of Employment and Wages and the Occupational Employment Statistics survey.

The results of the 2017–2019 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.

Vermont
Short Term Occupational Projections: 2017 - 2019
Occupations with the Most Openings

Occupation	2017 Base Year Employment	2019 Projected Employment	Total Annual Openings	Average Annual Growth Rate*
1 Cashiers	9,809	9,793	1810	-0.1%
2 Personal Care Aides	7,444	7,862	1280	2.8%
3 Retail Salespersons	9,630	9,443	1267	-1.0%
4 Combined Food Preparation and Serving Workers, Including Fast Food	6,256	6,452	1248	1.6%
5 Waiters and Waitresses	5,727	5,841	1141	1.0%
6 Janitors and Cleaners, Except Maids and Housekeeping Cleaners	5,559	5,697	789	1.2%
7 Bookkeeping, Accounting, and Auditing Clerks	5,970	5,977	661	0.1%
8 Landscaping and Groundskeeping Workers	4,945	5,079	659	1.3%
9 Carpenters	6,679	6,726	626	0.4%
10 Maids and Housekeeping Cleaners	4,479	4,537	615	0.6%
11 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	5,972	5,911	602	-0.5%
12 Teacher Assistants	4,989	4,989	502	0.0%
13 Teachers and Instructors, All Other	4,306	4,328	478	0.3%
14 First-Line Supervisors of Retail Sales Workers	4,718	4,682	472	-0.4%
15 Farmers, Ranchers, and Other Agricultural Managers	5,771	5,821	450	0.4%
16 Registered Nurses	6,055	6,326	447	2.2%
17 Customer Service Representatives	3,456	3,475	447	0.3%
18 Nursing Assistants	3,532	3,610	436	1.1%
19 Heavy and Tractor-Trailer Truck Drivers	4,188	4,173	432	-0.2%
20 Childcare Workers	2,908	2,896	411	-0.2%
21 Laborers and Freight, Stock, and Material Movers, Hand	2,810	2,852	403	0.7%
22 Cooks, Restaurant	2,624	2,692	402	1.3%
23 Accountants and Auditors	3,689	3,773	366	1.1%
24 Receptionists and Information Clerks	2,540	2,575	347	0.7%
25 Stock Clerks and Order Fillers	2,666	2,686	346	0.4%
26 Bartenders	1,986	2,006	335	0.5%
27 Social and Human Service Assistants	2,536	2,604	333	1.3%
28 Maintenance and Repair Workers, General	2,947	3,006	318	1.0%
29 Food Preparation Workers	1,764	1,804	316	1.1%
30 First-Line Supervisors of Food Preparation and Serving Workers	1,938	1,979	295	1.1%
31 Coaches and Scouts	2,092	2,125	293	0.8%
32 Light Truck or Delivery Services Drivers	2,601	2,609	278	0.2%
33 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,537	2,572	273	0.7%

Vermont
Short Term Occupational Projections: 2017 - 2019
Occupations with the Most Openings

Occupation	2017 Base Year Employment	2019 Projected Employment	Total Annual Openings	Average Annual Growth Rate*
34 Recreation Workers	1,438	1,477	262	1.3%
35 Construction Laborers	2,423	2,455	262	0.7%
36 General and Operations Managers	2,860	2,918	261	1.0%
37 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,152	1,167	258	0.6%
38 Elementary School Teachers, Except Special Education	3,566	3,558	246	-0.1%
39 Dishwashers	1,471	1,488	236	0.6%
40 Automotive Service Technicians and Mechanics	2,591	2,586	236	-0.1%
41 Taxi Drivers and Chauffeurs	1,897	1,944	216	1.2%
42 Hairdressers, Hairstylists, and Cosmetologists	1,798	1,807	214	0.2%
43 Compliance Officers	2,214	2,282	211	1.5%
44 Market Research Analysts and Marketing Specialists	1,680	1,762	205	2.4%
45 Hotel, Motel, and Resort Desk Clerks	1,213	1,243	205	1.2%
46 Office Clerks, General	1,733	1,739	205	0.2%
47 Fitness Trainers and Aerobics Instructors	1,153	1,176	204	1.0%
48 First-Line Supervisors of Office and Administrative Support Workers	2,064	2,072	204	0.2%
49 Dining Room and Cafeteria Attendants and Bartender Helpers	1,103	1,118	195	0.7%
50 Executive Secretaries and Executive Administrative Assistants	2,156	2,090	192	-1.5%
 Total, All Occupations	 369,446	 373,768	 42,131	 0.6%

NOTES AND METHODS:

The 2018 short term occupational projections were based on Vermont historical data from 1990 through 2017, 1st quarter. Time series forecasting methods were used to predict employment movements through 1st quarter, 2019. 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, 2018

VERMONT
Short Term Occupational Projections: 2017 - 2019
Fastest Growing Occupations

Occupation	2017 Base Year Employment	2019 Projected Employment	Average Annual Growth Rate*	Total Annual Openings
1 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	119	130	4.5%	20
2 Operations Research Analysts	58	63	4.2%	5
3 Diagnostic Medical Sonographers	79	85	3.7%	7
4 Home Health Aides	568	611	3.7%	88
5 Physician Assistants	323	346	3.5%	30
6 Software Developers, Applications	1,095	1,168	3.3%	108
7 Physical Therapist Aides	77	82	3.2%	12
8 Respiratory Therapists	218	232	3.2%	18
9 Dental Laboratory Technicians	177	188	3.1%	26
10 Nurse Practitioners	551	585	3.0%	44
11 Nurse Midwives	49	52	3.0%	5
12 Helpers--Production Workers	508	539	3.0%	94
13 Security and Fire Alarm Systems Installers	69	73	2.9%	10
14 Food Cooking Machine Operators and Tenders	52	55	2.8%	9
15 Physical Therapist Assistants	159	168	2.8%	23
16 Urban and Regional Planners	178	188	2.8%	20
17 Personal Care Aides	7,444	7,862	2.8%	1,280
18 Recreational Therapists	36	38	2.7%	3
19 First-Line Supervisors of Fire Fighting and Prevention Workers	56	59	2.6%	6
20 Physical Therapists	906	954	2.6%	62
21 Dietetic Technicians	38	40	2.6%	5
22 Magnetic Resonance Imaging Technologists	39	41	2.5%	3
23 Veterinary Assistants and Laboratory Animal Caretakers	120	126	2.5%	22
24 Statisticians	40	42	2.5%	4
25 Occupational Therapy Assistants	81	85	2.4%	12
26 Veterinary Technologists and Technicians	407	427	2.4%	42
27 Market Research Analysts and Marketing Specialists	1,680	1,762	2.4%	205
28 Medical Assistants	663	695	2.4%	88
29 Court, Municipal, and License Clerks	746	782	2.4%	82
30 Firefighters	230	241	2.4%	22
31 Medical Equipment Preparers	106	111	2.3%	15
32 Healthcare Social Workers	449	470	2.3%	55

VERMONT
Short Term Occupational Projections: 2017 - 2019
Fastest Growing Occupations

Occupation	2017 Base Year Employment	2019 Projected Employment	Average Annual Growth Rate*	Total Annual Openings
33 Electrical and Electronics Drafters	43	45	2.3%	5
34 Phlebotomists	237	248	2.3%	30
35 Radiologic Technologists	416	435	2.3%	31
36 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	44	46	2.2%	7
37 Registered Nurses	6,055	6,326	2.2%	447
38 Farmworkers and Laborers, Crop, Nursery, and Greenhouse	676	706	2.2%	120
39 Detectives and Criminal Investigators	228	238	2.2%	19
40 Medical and Health Services Managers	847	884	2.2%	84
41 Medical and Clinical Laboratory Technicians	253	264	2.2%	22
42 Healthcare Practitioners and Technical Workers, All Other	70	73	2.1%	6
43 Medical Secretaries	1,004	1,047	2.1%	131
44 Health Technologists and Technicians, All Other	188	196	2.1%	16
45 Occupational Therapists	332	346	2.1%	24
46 Substance Abuse and Behavioral Disorder Counselors	427	445	2.1%	53
47 Appraisers and Assessors of Real Estate	240	250	2.1%	20
48 Geoscientists, Except Hydrologists and Geographers	48	50	2.1%	6
49 Cardiovascular Technologists and Technicians	49	51	2.0%	4
50 Mental Health Counselors	845	878	1.9%	104
 Total, All Occupations	 369,446	 373,768	 0.6%	 42,131

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**VERMONT SHORT TERM INDUSTRY PROJECTIONS
2017 - 2019**

NAICS Industry		2017 Employment	2019 Projected Employment	2017- 2019 Change	Average Annual Growth Rate *
Natural Resources and Mining					
111	Crop Production	689	729	40	2.9%
112	Animal Production	1,784	1,860	76	2.1%
113	Forestry and Logging	183	176	-7	-1.9%
115	Support Activities for Agriculture and Forestry	326	324	-2	-0.3%
212	Mining (except Oil and Gas)	519	513	-6	-0.6%
213	Support Activities for Mining	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
Utilities					
221	Utilities	1,266	1,255	-11	-0.4%
Construction					
236	Construction of Buildings	3,735	3,835	100	1.3%
237	Heavy and Civil Engineering Construction	1,077	1,052	-25	-1.2%
238	Specialty Trade Contractors	8,389	8,716	327	1.9%
Manufacturing					
311	Food Manufacturing	5,280	5,385	105	1.0%
312	Beverage and Tobacco Product Manufacturing	819	942	123	7.2%
313	Textile Mills	103	107	4	1.9%
314	Textile Product Mills	81	80	-1	-0.6%
315	Apparel Manufacturing	343	311	-32	-4.8%
316	Leather and Allied Product Manufacturing	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
321	Wood Product Manufacturing	1,539	1,474	-65	-2.1%
322	Paper Manufacturing	707	701	-6	-0.4%
323	Printing and Related Support Activities	1,035	1,031	-4	-0.2%
324	Petroleum and Coal Products Manufacturing	39	42	3	3.8%
325	Chemical Manufacturing	1,449	1,396	-53	-1.8%
326	Plastics and Rubber Products Manufacturing	1,202	1,217	15	0.6%
327	Nonmetallic Mineral Product Manufacturing	1,397	1,355	-42	-1.5%
331	Primary Metal Manufacturing	<i>n</i>	<i>n</i>	<i>n</i>	<i>n</i>
332	Fabricated Metal Product Manufacturing	1,881	1,822	-59	-1.6%
333	Machinery Manufacturing	2,778	2,627	-151	-2.8%
334	Computer and Electronic Product Manufacturing	4,741	4,657	-84	-0.9%
335	Electrical Equipment, Appliance, and Component Mfg	1,136	1,134	-2	-0.1%
336	Transportation Equipment Manufacturing	1,694	1,657	-37	-1.1%
337	Furniture and Related Product Manufacturing	1,315	1,293	-22	-0.8%
339	Miscellaneous Manufacturing	1,542	1,588	46	1.5%
Wholesale Trade					
423	Merchant Wholesalers, Durable Goods	3,747	3,754	7	0.1%
424	Merchant Wholesalers, Nondurable Goods	4,769	4,831	62	0.6%
425	Wholesale Electronic Mkts, Agents and Brokers	666	714	48	3.5%

NAICS Industry		2017	2019	2017-	Average
		Employment	Projected Employment	2019 Change	Annual Growth Rate *
Retail Trade					
441	Motor Vehicle and Parts Dealers	4,990	4,971	-19	-0.2%
442	Furniture and Home Furnishings Stores	892	869	-23	-1.3%
443	Electronics and Appliance Stores	749	708	-41	-2.8%
444	Building Material and Garden Supplies Dealers	3,398	3,429	31	0.5%
445	Food and Beverage Stores	9,803	9,931	128	0.7%
446	Health and Personal Care Stores	1,962	1,903	-59	-1.5%
447	Gasoline Stations	3,926	4,043	117	1.5%
448	Clothing and Clothing Accessories Stores	2,152	2,005	-147	-3.5%
451	Sporting Goods, Hobby, Book, and Music Stores	1,867	1,784	-83	-2.2%
452	General Merchandise Stores	3,400	3,284	-116	-1.7%
453	Miscellaneous Store Retailers	1,948	1,863	-85	-2.2%
454	Nonstore Retailers	2,300	2,319	19	0.4%
Transportation & Warehousing					
481	Air Transportation	123	127	4	1.6%
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	1,997	1,926	-71	-1.8%
485	Transit and Ground Passenger Transport	1,397	1,399	2	0.1%
487	Scenic and Sightseeing Transportation	16	16	0	0.0%
488	Support Activities for Transportation	503	507	4	0.4%
492	Couriers and Messengers	1,099	1,137	38	1.7%
493	Warehousing and Storage	1,260	1,278	18	0.7%
Information					
511	Publishing Industries	1,814	1,748	-66	-1.8%
512	Motion Picture and Sound Recording Industries	353	356	3	0.4%
515	Broadcasting (except Internet)	694	688	-6	-0.4%
517	Telecommunications	1,002	843	-159	-8.3%
518	Data Processing, Hosting and Related Services	232	234	2	0.4%
519	Other Information Services	488	491	3	0.3%
Financial Activities					
522	Credit Intermediation and Related Activities	4,221	4,119	-102	-1.2%
523	Securities, Commodity Contracts, & Other Investments	814	852	38	2.3%
524	Insurance Carriers and Related Activities	3,976	3,989	13	0.2%
531	Real Estate	2,145	2,181	36	0.8%
532	Rental and Leasing Services	718	708	-10	-0.7%
533	Lessors of Nonfinancial Intangible Assets	13	14	1	3.8%
Professional and Business Services					
541	Professional, Scientific, and Technical Services	14,291	14,812	521	1.8%
551	Management of Companies and Enterprises	2,060	2,093	33	0.8%
561	Administrative and Support Services	9,592	10,146	554	2.8%
562	Waste Management and Remediation Service	1,027	1,063	36	1.7%

NAICS Industry		2017	2019	2017-	Average
		Employment	Projected Employment	2019 Change	Annual Growth Rate *
Educational and Health Services					
611	Educational Services (includes public education)	38,481	38,424	-57	-0.1%
621	Ambulatory Health Care Services	16,952	17,530	578	1.7%
622	Hospitals (includes state hospital)	14,376	15,113	737	2.5%
623	Nursing and Residential Care Facilities	7,487	7,590	103	0.7%
624	Social Assistance	12,314	12,727	413	1.7%
Leisure and Hospitality					
711	Perf. Arts, Spectator Sports, and Rel. Industries	692	722	30	2.1%
712	Museums, Historical Sites, and Similar Institution	421	435	14	1.6%
713	Amusement, Gambling, and Recreation Industries	2,758	2,833	75	1.4%
721	Accommodation	15,351	15,733	382	1.2%
722	Food Services and Drinking Places	19,773	20,162	389	1.0%
Other Services					
811	Repair and Maintenance	2,635	2,629	-6	-0.1%
812	Personal and Laundry Services	2,012	2,007	-5	-0.1%
813	Religious, Grantmaking, Civic, Prof, and Similar Org's	5,318	5,352	34	0.3%
814	Private Households	623	551	-72	-6.0%
Government					
	Total Federal Government Employment	6,873	6,959	86	0.6%
	Federal Government, Excluding Post Office	5,260	5,380	120	1.1%
	Postal Service	1,613	1,579	-34	-1.1%
	State Government, Excluding Education and Hospitals	9,657	9,770	113	0.6%
	Local Government, Excluding Education and Hospitals	9,734	10,187	453	2.3%
	Total Wage and Salary Employment**	309,346	313,568	4,222	0.7%
	Total Self-Employed and Unpaid Family Workers	60,100	60,200	100	0.1%
	Total Employment, All Jobs**	369,446	373,768	4,322	0.6%

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 2017 and 2019 is for first quarter, Jan--Mar.

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