

**VERMONT LONG TERM INDUSTRY PROJECTIONS
2014 - 2024**

NAICS Industry	2000 Employment	2014 Employment	2024 Employment	Annual Growth %	
				Actual 2000 - 2014	Projected 2014 - 2024
Private Industry					
Natural Resources and Mining					
111 Crop Production	532	673	897	1.7%	2.9%
112 Animal Production	1,017	1,741	2,197	3.9%	2.4%
113 Forestry and Logging	185	191	192	0.2%	0.1%
114 Fishing, Hunting and Trapping	n	n	n	na	na
115 Agriculture and Forestry Support Activities	346	336	336	-0.2%	0.0%
212 Mining (except Oil and Gas)	972	620	622	-3.2%	0.0%
213 Support Activities for Mining	na	n	n	na	na
Utilities					
221 Utilities	1,692	1,727	1,578	0.1%	-0.9%
Construction					
236 Construction of Buildings	4,216	3,936	4,547	-0.5%	1.5%
237 Heavy and Civil Engineering Construction	2,070	1,609	1,702	-1.8%	0.6%
238 Specialty Trade Contractors	8,614	9,200	10,357	0.5%	1.2%
Manufacturing					
311 Food Manufacturing	4,192	5,365	6,537	1.8%	2.0%
312 Beverage & Tobacco Product Manufacturing	244	630	1,258	7.0%	7.2%
313 Textile Mills	279	166	85	-3.6%	-6.5%
314 Textile Product Mills	287	87	93	-8.2%	0.7%
315 Apparel Manufacturing	701	280	346	-6.3%	2.1%
316 Leather and Allied Product Manufacturing	n	n	n	na	na
321 Wood Product Manufacturing	3,007	1,801	1,566	-3.6%	-1.4%
322 Paper Manufacturing	1,722	739	709	-5.9%	-0.4%
323 Printing and Related Support Activities	2,374	1,049	892	-5.7%	-1.6%
324 Petroleum and Coal Products Manufacturing	n	n	n	na	na
325 Chemical Manufacturing	1,044	1,318	1,609	1.7%	2.0%
326 Plastics and Rubber Products Manufacturing	1,849	1,201	1,113	-3.0%	-0.8%
327 Nonmetallic Mineral Product Manufacturing	2,191	1,636	1,593	-2.1%	-0.3%
331 Primary Metal Manufacturing	592	n	n	na	na
332 Fabricated Metal Product Manufacturing	2,621	2,211	2,223	-1.2%	0.1%
333 Machinery Manufacturing	4,439	2,904	2,920	-3.0%	0.1%
334 Computer and Electronic Product Mfg.	11,128	5,430	4,373	-5.0%	-2.1%
335 Electrical Equipment and Appliances Mfg.	1,407	1,292	1,172	-0.6%	-1.0%
336 Transportation Equipment Manufacturing	3,315	1,962	1,887	-3.7%	-0.4%
337 Furniture and Related Product Mfg.	3,295	1,488	1,361	-5.5%	-0.9%
339 Miscellaneous Manufacturing	1,585	1,519	1,527	-0.3%	0.1%
Wholesale Trade					
423 Merchant Wholesalers, Durable Goods	4,560	3,822	3,677	-1.3%	-0.4%
424 Merchant Wholesalers, Nondurable Goods	5,006	4,856	4,883	-0.2%	0.1%
425 Wholesale Electronic Markets, Agents, Brokers	85	600	1,171	15.0%	6.9%
Retail Trade					
441 Motor Vehicle and Parts Dealers	4,743	4,951	5,196	0.3%	0.5%
442 Furniture and Home Furnishings Stores	1,106	936	943	-1.2%	0.1%
443 Electronics and Appliance Stores	884	776	704	-0.9%	-1.0%

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444 Building Material and Garden Supply Stores	3,209	3,573	3,662	0.8%	0.2%
445 Food and Beverage Stores	9,774	9,976	10,220	0.1%	0.2%
446 Health and Personal Care Stores	1,836	2,018	1,927	0.7%	-0.5%
447 Gasoline Stations	3,640	3,709	3,764	0.1%	0.1%
448 Clothing and Clothing Accessories Stores	2,608	2,276	2,294	-1.0%	0.1%
451 Sporting Goods, Hobby, Book and Music Stores	2,158	1,851	1,861	-1.1%	0.1%
452 General Merchandise Stores	3,916	3,342	3,371	-1.1%	0.1%
453 Miscellaneous Store Retailers	3,132	2,131	1,928	-2.7%	-1.0%
454 Nonstore Retailers	2,719	2,318	2,234	-1.1%	-0.4%
Transportation & Warehousing					
481 Air Transportation	223	99	90	-5.6%	-0.9%
482 Rail Transportation	245	259	265	0.4%	0.2%
483 Water Transportation	n	n	n	na	na
484 Truck Transportation	2,760	2,255	1,986	-1.4%	-1.3%
485 Transit and Ground Passenger Transport	1,259	1,340	1,319	0.4%	-0.2%
487 Scenic and Sightseeing Transportation	42	30	31	-2.4%	0.3%
488 Support Activities for Transportation	438	439	473	0.0%	0.7%
492 Couriers and Messengers	1,184	1,055	1,158	-0.8%	0.9%
493 Warehousing and Storage	1,024	1,256	1,309	1.5%	0.4%
Information					
511 Publishing Industries (except Internet)	2,552	1,852	1,806	-2.3%	-0.3%
512 Motion Picture and Sound Recording Industries	534	315	317	-3.7%	0.1%
515 Broadcasting (except Internet)	803	697	662	-1.0%	-0.5%
517 Telecommunications	2,039	1,273	1,001	-3.3%	-2.4%
518 Data Processing, Hosting, and Related Services	518	225	223	-5.8%	-0.1%
519 Other Information Services	459	450	519	-0.1%	1.4%
Financial Activities					
522 Credit Intermediation and Related Activities	4,777	4,354	4,011	-0.7%	-0.8%
523 Securities, Commodity Contracts, & Investments	781	767	827	-0.1%	0.8%
524 Insurance Carriers and Related Activities	3,976	3,614	3,730	-0.7%	0.3%
531 Real Estate	1,708	2,176	2,351	1.7%	0.8%
532 Rental & Leasing Services	1,262	777	812	-3.4%	0.4%
533 Lessors of Nonfinancial Intangible Assets	46	17	16	-6.9%	-0.6%
Professional and Business Services					
541 Professional, Scientific & Technical Services	12,230	13,866	15,286	0.9%	1.0%
551 Management of Companies and Enterprises	n	2,079	2,164	na	0.4%
561 Administrative and Support Services	7,455	9,704	10,355	1.9%	0.7%
562 Waste Management and Remediation Services	787	978	1,030	1.6%	0.5%
Educational and Health Services					
611 Educational Services (incl. Public Education)	33,802	37,795	37,715	0.8%	0.0%
621 Ambulatory Health Care Services	13,602	16,324	18,063	1.3%	1.0%
622 Hospitals (incl. State Hospital)	9,859	13,284	14,085	2.2%	0.6%
623 Nursing and Residential Care Facilities	6,187	7,419	7,910	1.3%	0.6%
624 Social Assistance	5,463	12,420	13,568	6.0%	0.9%

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Leisure and Hospitality					
711 Perf. Arts, Spectator Sports, & Rel. Industries	564	830	868	2.8%	0.4%
712 Museums, Historical Sites, Zoos and Parks	364	496	551	2.2%	1.1%
713 Amusement, Gambling & Recreation	2,380	2,739	2,770	1.0%	0.1%
721 Accommodation	11,752	11,526	12,344	-0.1%	0.7%
722 Food Services and Drinking Places	17,949	19,582	20,166	0.6%	0.3%
Other Services					
811 Repair and Maintenance	2,932	2,653	2,815	-0.7%	0.6%
812 Personal and Laundry Services	2,180	2,041	2,115	-0.5%	0.4%
813 Religious, Grantmaking, Civic, & Prof. Orgs.	n	5,476	5,570	na	0.2%
814 Private Households	1,167	793	753	-2.7%	-0.5%
Total Private Industry Employment *	na	281,865	292,985	na	0.4%
Total Federal Government Employment	6,063	6,704	7,077	0.7%	0.5%
Federal Government (excl. Postal Service)	3,646	5,063	5,754	2.4%	1.3%
Postal Service	2,417	1,641	1,323	-2.7%	-2.1%
State Government (excl. Education, Hospitals)	8,895	9,928	10,025	0.8%	0.1%
Local Government (excl. Education)	7,897	9,307	9,941	1.2%	0.7%
Total Government Employment	22,855	25,939	27,043	0.9%	0.4%
Total Wage & Salary Employment **	na	307,804	320,028	na	0.4%
Self-Employed and Unpaid Family Workers	53,500	59,900	64,200	0.8%	0.7%
Total Employment **	na	367,704	384,228	na	0.4%

n - data do not meet disclosure standards

na - not available

** Total Private Industry employment includes public education and state hospital employment.*

*** Employment totals include suppressed values and do not equal the sum of the disclosed industry line items*

NAICS refers to the North American Industry Classification System.

Growth rates are compound average annual rates.

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Methodology & Technical Notes

Long term industry projections for Vermont are based on the Quarterly Census of Employment and Wages (QCEW). Twenty seven years of annual QCEW employment data from 1988 through 2014 were used for the dependent variables to estimate over 90 single-equation regression models, one for each 3-digit NAICS* industry. Key economic determinants for the state and the nation were used as the explanatory variables to project employment demand for each industry in Vermont to 2024.

The projections use the concept of “total employment” to attempt to account for all paid employment in the state. In addition to employment covered by the unemployment insurance (UI) program in Vermont, the employment numbers include estimates for self-employed workers, railroad workers, and other workers not covered by the UI program. The estimate for self-employment was based on data from the Vermont Department of Taxes and the U.S. Census Bureau.

All employment numbers shown are counts of jobs, both part-time and full-time, not counts of people. The number of jobs reported exceeds the number of people in the labor force because some workers hold two or more jobs. Average annual growth rates were calculated using a compounding formula.

Industries having too few employers or employees in the base year were suppressed to protect the confidentiality of employers and employees. Also, employment numbers for some industries were not published if they did not meet our standards for publication.

*North American Industry Classification System