The Economic & Labor Market Information Division

- Housed in the Vermont Department of Labor
- State partner to the Federal Government
- 100% federally funded
  - Thank you to the USDOL Employment & Training Administration!

Purpose: to produce, explain and disseminate economic data for the benefit of the State of Vermont, educational institutes, employers, students, job-seekers, researchers, and the general public.
The Vermont Economy Today

Available at www.vtlmi.info
Vermont Labor Force & Employment
January 2001 - Present
Seasonally Adjusted; Source: VDOL LAUS Program

Prior Employment Peak - Oct 2006: 342,892
Population estimate changes wedged back to Jan 2017
Current Labor Force Levels - Dec 2022: 343,969
Current Employment Levels - Dec 2022: 333,591
Employment Trough - April 2020: 311,439

Source: VT Dept. of Labor, www.VTLMI.info
Let’s dive in
How many... 

- know what career you might pursue someday?
- are considering different careers?
- have no idea what careers to consider?
Jobs vs. Careers

- A job is work you perform to earn money.
- A career is a long-term professional journey.

College is about building a life and career you love
At LMI...

We believe that data can help guide you as you pursue your career.
Will I be able to build a career as an “X”

Yes!
Tools to help guide your journey

Available at www.vtlmi.info
Occupational Projections

- Estimating the demand for occupations over the next decade
- Includes estimates for over 500 Vermont occupations

Electrical Power-Line Installers & Repairers

<table>
<thead>
<tr>
<th>Year</th>
<th>Employment</th>
<th>Annual percent change (compounded)</th>
<th>Annual projected job openings (due to change &amp; separation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>361</td>
<td>0.2%</td>
<td>32</td>
</tr>
<tr>
<td>2030</td>
<td>367</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Wage Estimates**

- Mean, Median and quartile wage estimates
- Includes estimates for over 500 Vermont occupations

<table>
<thead>
<tr>
<th>Percentile</th>
<th>Hourly</th>
<th>Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 %</td>
<td>$29.98</td>
<td>$62,350</td>
</tr>
<tr>
<td>25%</td>
<td>$37.60</td>
<td>$78,210</td>
</tr>
<tr>
<td>Median</td>
<td>$47.26</td>
<td>$98,290</td>
</tr>
<tr>
<td>75%</td>
<td>$47.62</td>
<td>$99,040</td>
</tr>
<tr>
<td>90%</td>
<td>$50.19</td>
<td>$104,400</td>
</tr>
</tbody>
</table>

Electrical Power-Line Installers & Repairers
Education & Experience

Forms of Education

- College, technical training, online certifications, apprenticeships, on-the-job training. Anything that expands your skills.

- Jobs requiring higher levels of education (greater specialization) tend to have higher wages.

- Jobs that involve higher levels of risk tend to have higher wages.

Electrical Power-Line Installers & Repairers

- Typical Education needed for entry
  High school diploma or equivalent

- Work experience in a related occupation
  None

- Typical on-the-job training needed to attain competency
  Long-term on-the-job-training

Based on BLS Education and Training Classifications
Occupation Profiles

Agricultural Engineers

(O*NET 17-2011.00, SOC 17-2021)

- Career Video
- Wages
- Projected Employment
- Industries of Employment
- Education and Experience
- Knowledge
- Work Styles
- Other Resources
- Job Zone
- Education
- Skills
- Work Activities
- Related Occupations
- Licensing
- Abilities
- Detailed Work Activities
- Interests
- Tasks

What they do

Apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products.

Also called:

Agricultural Engineer, Agricultural Systems Specialist, Conservation Engineer, Engineer, Product Engineer, Product Technology Scientist, Project Engineer, Research Agricultural Engineer

Wages

<table>
<thead>
<tr>
<th>Percentile</th>
<th>Hourly</th>
<th>Yearly</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>$22.82</td>
<td>$47,470</td>
</tr>
<tr>
<td>25%</td>
<td>$23.16</td>
<td>$48,160</td>
</tr>
<tr>
<td>Median</td>
<td>$29.35</td>
<td>$61,040</td>
</tr>
<tr>
<td>75%</td>
<td>$29.52</td>
<td>$61,400</td>
</tr>
<tr>
<td>90%</td>
<td>$36.14</td>
<td>$75,160</td>
</tr>
<tr>
<td>Average</td>
<td>$28.85</td>
<td>$60,010</td>
</tr>
</tbody>
</table>

1 What are Percentile Wages?

More at CareerOneStop

Career Video

Watch at CareerOneStop with transcript or at YouTube.

Projected Employment

Projected employment not available for Vermont but may be for the nation and other states at CareerOneStop

Education and Experience:

- Typical education needed for entry
  Bachelor's degree
- Work experience in a related occupation
  None
- Typical on-the-job training needed to attain competency
  None

Based on BLS Education and Training Classifications

Job Zone
Understanding Employer Needs

Available at www.vtlmi.info
Employer’s Hierarchy of Needs™

Level III
- Expertise in specialized skills
  - Advanced technical skills & competency – certificates and degrees
  - Show initiative
- Demonstrate responsibility
  - Good technical skills & problem solving
  - Basic level of competency – 3 R’s
  - Work well with others
  - Follow instructions
  - Show up on time & ready to work

Skills → Wages
What do Employers Tell Us They Need?

(it’s a seller’s market – Employers tell us they will train for the rest)

- Show up to work on time, ready to work
- Critical thinking skills
- Customer service skills
- Basic math and language skills

How can you demonstrate to employer that you fit these needs?
Thanks!
Q&A

"My internship really opened my eyes to what I want to do and how I can get there."

- TIPS STUDENT INTERN

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