

Written & Researched by Public Assets Institute

2021 REPORT



IS NOW.

We are Vermonters with disabilities who are ready, willing, and qualified to work. Put our passion and expertise to work for Vermont.







PREPARED IN PARTNERSHIP WITH:

Vermont Developmental Disabilities Council
Vermont Division of Vocational Rehabilitation
Vermont Division for the Blind
and Visually Impaired

Vermont State Independent Living Council

Cover photos, from left to right:

Row 1 // Tricia Badeau; Alicia Kane

Row 2 // Randy Gonyo; Julia Goldstein

Row 3 // Alicia Guilford; Findlay Wilkinson

Row 4 // Dylan Snyder; Sefakor Komabu-Pomeyie and her son, Edonusem, at the Association of University Centers on Disabilities We All Belong Here! Conference, Washington, November 2018; Jen Keppel

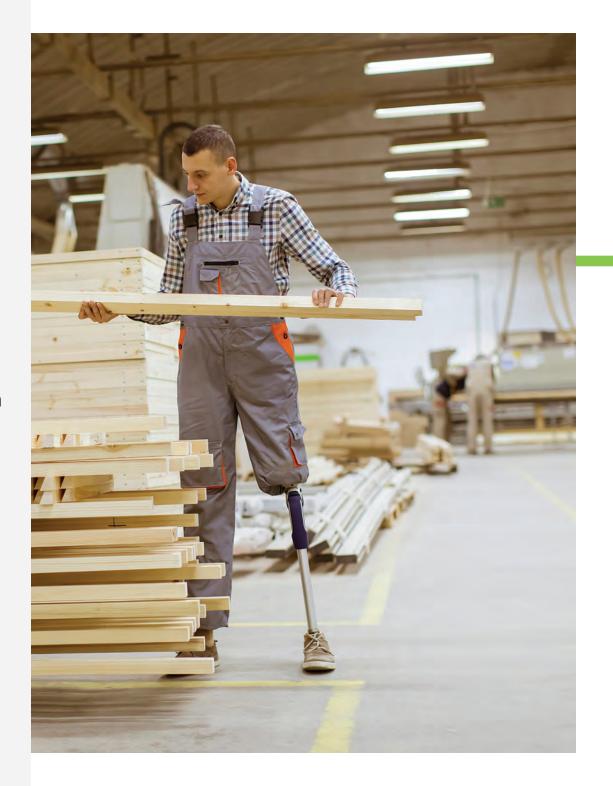


TABLE OF CONTENTS

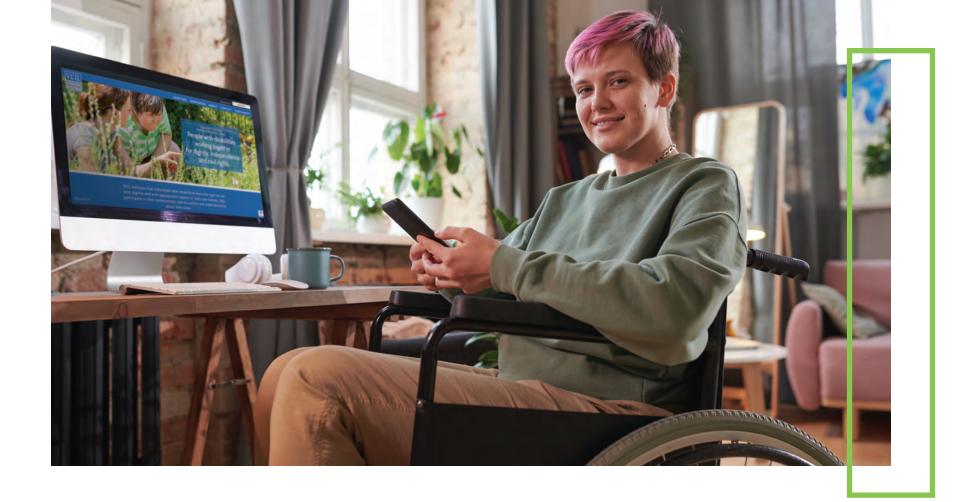
Vermont, We Have a Problem	04
Vermonters With Disabilities Are Working	08
Challenges and Barriers Remain	12
A More Inclusive Workforce Benefits All Vermonters	16
What Vermont Is Doing — And What Needs To Be Done	18
Gaining Access: A Timeline of Legal Progress	20
Resources	24
Acknowledgments	26
Endnotes	27

VERMONT, WE HAVE A PROBLEM...

Even before the coronavirus pandemic, Vermont's labor force was shrinking. But there is a group of Vermonters who can and want to work and who can help the economy recover from COVID-19. These are the 44,000 working-age residents with disabilities. Only about half of them are working.

And half still are not. That's because barriers and challenges remain, including physical inaccessibility of some jobs and workplaces, technological obstacles to the use of assistive software, employers' misperceptions of the costs of accommodations, and "benefit cliffs" that can mean the loss of needed assistance when higher earnings trigger ineligibility for public benefits. For Vermonters of color with disabilities, there is the added challenge of systemic racism, which already limits their opportunities.

Over the last 50 years, people with disabilities have fought for rights and access in employment—and won a lot. The federal Rehabilitation Act of 1973 outlawed discrimination based on disability in any job supported by federal dollars. The 1990 Americans with Disabilities Act expanded that prohibition to all workplaces and required employers to make "reasonable accommodations" for employees with disabilities. Federal law also banned discrimination in hiring.



But prohibiting discrimination is not the same as maximizing inclusion. Vermont has led the states in enacting policies to advance employment equity for people with disabilities. Yet several things still need to improve:

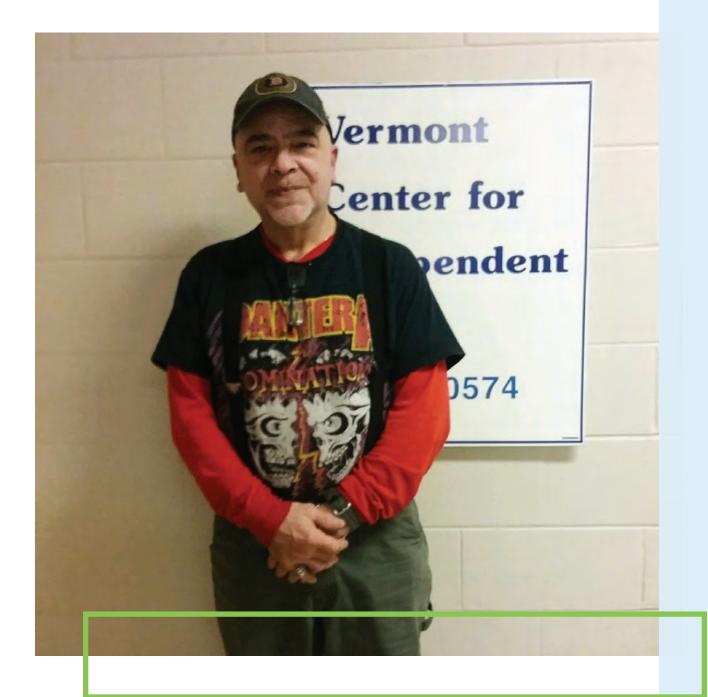
- 1 People need to be able to meet their basic needs, including housing, health care, and nutrition.
- **2** People need opportunities for training and education, especially post-secondary education.
- **3** People need to be able to access the workplace, physically, technologically, and culturally.

- **People can be born with disabilities or acquire them later in life.** Disability can be the result of exposure to environmental toxins (more likely for people in poverty), trauma, or an accident at work. A disability can be a visual or hearing impairment; it can be a developmental, physical, or mental health issue. Regardless of any individual's disabilities, employment policies must enable everyone who wants to work to find suitable employment and stay and thrive in the workplace.
- All Vermonters benefit from a more inclusive labor force. People with disabilities increase their incomes, which improves their quality of life. More income increases state tax revenues and is good for local businesses. Accommodative design and technology make workplaces more accessible and comfortable for all employees. Connecting more people to meaningful work allows talents and energies to be shared and community connections to grow. Fully including people with disabilities in the labor force moves Vermont closer to being a state that works for all and where all can work productively.

THE AMERICANS WITH DISABILITIES ACT (1990)

The ADA prohibits discrimination against individuals with disabilities in the workplace, schools, transportation, telecommunications, and all spaces open to the general public.

The ADA requires employers with 15 or more employees to provide "reasonable accommodations" to qualified applicants or employees so they can do their jobs and it established enforceable design guidelines to ensure access to the built environment.





HUMAN AGAIN

Even though I'm not working nowheres near like what I did, going back to work, it made me feel human again, like I was contributing. I can't even describe how much it did for my self-worth. And there's a depression side of that. I was bad for a while. So [working] helped me be better for the people around me as well. I can't put a premium on that.

DEAN MARCHAND

RESTAURANT COOK | BENNINGTON. VT

VERMONTERS WITH DISABILITIES ARE WORKING

People with disabilities are an important part of Vermont's labor force. They work in all industries and occupations, at all wage levels, as janitors, cashiers, engineers, and lawyers.

That wasn't always the case. Prior to 2002, Vermont, like other states, had segregated workspaces called sheltered workshops for people with intellectual and developmental disabilities. Vermont was the first state to close these—and eliminate the (still federally legal) "subminimum" wages they paid. Increased state investment in supported employment² for Vermonters with intellectual and developmental disabilities brought them into integrated spaces with wages comparable to their coworkers'.

BY THE NUMBERS:

VERMONTERS WITH DISABILITIES

Total	93,688
Male	50.1%
Female	49.9%
Under Age 18	7.8%
Age 18-64	50.2%
Age 65+	42.1%
White	94.3%
Black ¹	0.8%
Native American ¹	1.1%
Asian¹	1.0%
Other races ¹	2.8%
Type of Disability ²	
Deaf and Hard of Hearing	31.8%
Vision	15.9%
Cognitive	39.3%
Ambulatory	46.8%
Self-care	20.1%
Independent Living ³	35.6%
Total Working-age (18-64)	43,895
Married	40.7%
Living alone	21.3%
Living with minor children	21.6%
Homeowners	60.7%

¹ The numbers of Vermonters of color with disabilities are small so the margins of error are large.

Data source: IPUMS-USA, University of Minnesota, www.ipums.org, 2014-2018 5-yr. samples
© 2020 Public Assets Institute

² A person can have more than one type of disability, so the total exceeds 100 percent.

³ Does not apply to those under 18.





VISIBILITY IS NECESSARY

We need more people with disabilities working in classrooms so that kids with disabilities can have role models to visualize themselves as adults doing something that they really like.

WINNIE LOOBY

LECTURER AND COORDINATOR
CENTER ON DISABILITY AND COMMUNITY INCLUSION
UNIVERSITY OF VERMONT

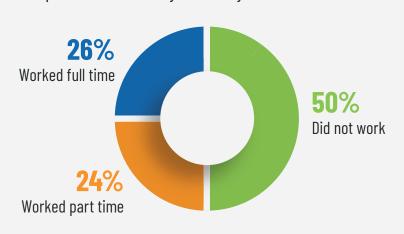
By 2018, Census data show that nearly 22,000 people with disabilities ages 18 to 64 had worked at some time during the previous 12 months. This was about half of working-age Vermonters with disabilities and 7 percent of that age cohort who were employed.

These workers were equally split between full time and part time in 2018.³ People with hearing and vision challenges were most likely to work full time, while people with difficulties in self-care (bathing or dressing) and independent living (e.g., doing errands alone) were the least.

But when employment is a level playing field, people with disabilities achieve success comparable with workers without them. Those who worked full time earned about the same as full-time workers without disabilities. And, as in the broader workforce, Vermonters with disabilities who have more education were likelier to work. More than two-thirds of Vermonters with disabilities with bachelor's degrees worked, while only half of those with high school diplomas did. But just 16 percent of Vermonters with disabilities had bachelor's degrees, compared with 36 percent of those without disabilities.

HALF OF WORKING-AGED VERMONTERS WITH DISABILITIES WORKED

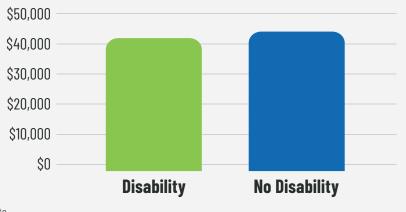
People with a disability, 18-64, by work status, 2018



Data source: IPUMS-USA, University of Minnesota, www.ipums.org, 2014-2018 5-yr. samples | ©2020 Public Assets Institute

FULL-TIME WORKERS WITH AND WITHOUT DISABILITIES EARNED SIMILAR AMOUNTS

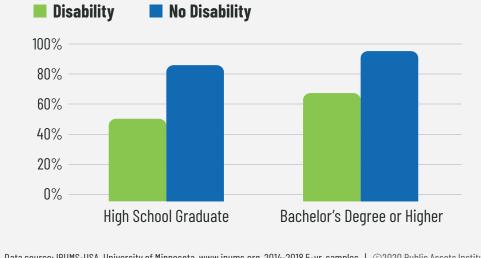
Median wage and salary income for full-time workers, 18-64, by disability status, 2018



Technologies including screen readers, assistive communication devices, speech recognition software, and adaptive switches have helped other workers with disabilities go to school and do their jobs. With the right supports and access to more education, people with disabilities can work in more jobs and earn better wages.

EDUCATION NARROWED THE WORKING GAP FOR VERMONTERS WITH DISABILITIES

Share of Vermonters working, 18-64, by select education levels and disability status, 2018



Data source: IPUMS-USA, University of Minnesota, www.ipums.org, 2014-2018 5-yr. samples | ©2020 Public Assets Institute





A lot of the conventional wisdom about business tells us to hire rock stars, that superstar high performers will supercharge your business. I think it's time for people to change their definition of rock stars. People who show up with joy, with a positive attitude, who overcome barriers and work despite challenges and difficulties that their colleagues don't even know about — they are the rock stars.

JEN KIMMICH

FOUNDER AND CEO | THE ALCHEMIST BREWERY | STOWE, VT

CHALLENGES AND BARRIERS REMAIN

Vermont workers with disabilities have come a long way in the past 50 years. But they still face roadblocks to full access and equity, and too many who want to work are not working.

Of people with disabilities ages 18 to 64, about half -22,000 - did not work in 2018, compared with 11 percent of people without disabilities. Women, who make up half the disabled population, were less likely to work than men and less likely to work full time. And at every education level, people with disabilities were less likely to work than those without them.

People with disabilities did not stay out of the workforce because they lacked interest. What's lacking instead are universally designed systems that provide access to print materials, websites, and software; plain language instructions; transportation; remote working options; support staff; and education.

Some policies are also out of synch with full workplace inclusion. For instance, people risk losing basic needs assistance such as health insurance if they reach a certain income.

Misperceptions, conscious or not, about people's capabilities also keep them out of the workforce.





MOST ACCOMMODATIONS COST NOTHING

The company was very accommodating right from the beginning, just like, 'OK, how tall does your desk need to be? How much room do you need to turn around?' We have cubicles and that can be a little difficult with a wheelchair, especially mine, because I'm partially reclined in my chair. It takes up a lot of space. But they were very like, 'OK, well, here's the space, does it work, what do you need moved, how do you need it changed?'

ZAK SCHMOLL

SENIOR INSURANCE UNDERWRITER
NEW ENGLAND EXCESS EXCHANGE | ORANGE, VT

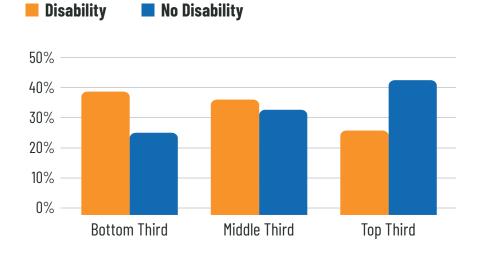
For those who do work, inequities persist. In 2018, workers with disabilities were more concentrated at the lower end of the wage scale than people without disabilities. And while a typical full-time worker earns about the same whether disabled or not, women with disabilities working full time earned 11 percent less than men with disabilities and 8 percent less than women without disabilities. Meanwhile, part-time workers with disabilities earned only half as much as their counterparts without disabilities — just over \$6,500 a year in 2018. That's both because they worked fewer hours — possibly to avoid benefit loss — and earned lower hourly wages.



People with disabilities do not stay out of the workforce because they lack interest. What's lacking instead are universally designed systems that provide access to the tools that make employment accessible and fulfilling.

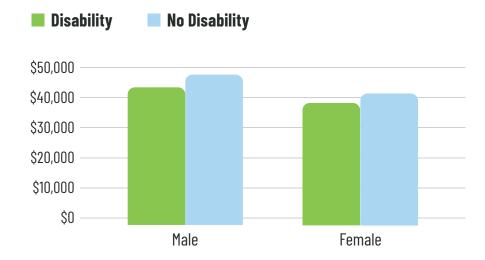
VERMONT WORKERS WITH DISABILITIES WERE MORE LIKELY TO HOLD LOWER-PAYING JOBS

Share of workers, by wage level and disability status, 2018*



WOMEN WITH DISABILITIES EARNED THE LEAST

Median wage and salary earnings for full-time workers by sex and disability, 2018



Data source: IPUMS-USA, University of Minnesota, www.ipums.org, 2014-2018 5-yr. samples | ©2020 Public Assets Institute

^{*}To compare the relative wage levels of jobs held by people with disabilities and those without, we ranked median hourly wages for more than 280,000 jobs from the 2018 Occupational Employment Statistics for Vermont, divided them into three equal-size groups, and gave them relative labels: bottom, middle, and top. From Census data we obtained the occupations of working Vermonters ages 18 to 64, with and without a disability, and determined their distribution among the three wage categories. The bottom third goes up to \$15.72 per hour and the middle third to \$23.43.

A MORE INCLUSIVE WORKFORCE BENEFITS ALL VERMONTERS

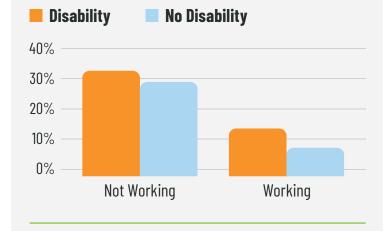
Providing greater access to work for people with disabilities benefits them, other workers, employers, and the state.

Vermonters with disabilities are more likely than those without to experience poverty. But other factors also affect economic status—and a major factor is race. A national study found that Black Americans with disabilities are twice as likely to experience poverty as Black Americans without disabilities, and at a rate 10 points higher than all Americans with disabilities. Employment reduces the likelihood of poverty for people with disabilities by more than half. The more people with disabilities earn, the more they spend, and the more they pay in taxes. That's good for Vermont's economy. And it doesn't just help the individual workers, it helps the 42,000 family members they live with.

Increasing employment for people with disabilities would give employers a bigger labor pool. Vermont's labor force shrank by 11,000 people from 2010 through 2018; it is expected to lose 14,000 more by 2030. If people with disabilities worked at the same rate as those without them, the labor force would swell by 17,000 potential workers — enough to replace a good portion of those who are gone.

POVERTY RATES WERE HIGHER FOR PEOPLE WITH DISABILITIES, WORKING OR NOT

Percent of working-age Vermonters in poverty, by work and disability status, 2018



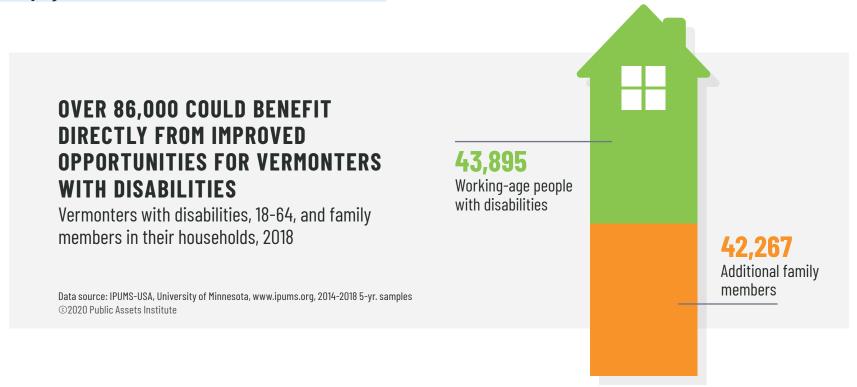
WORKERS WITH DISABILITIES COULD HELP REPLENISH VERMONT'S LABOR FORCE



Data sources: Vermont Department of Labor and IPUMS-USA, University of Minnesota, www. ipums.org, 2014-2018 5-yr. samples | © 2020 Public Assets Institute **But the benefits are not just economic.** Employment improves health, alleviates social isolation and increases overall life satisfaction and civic engagement for people with disabilities.⁵

Workplace adaptations for an employee with disabilities usually don't cut into the bottom line, as some employers fear. According to a 2019 report, over half -58 percent - of accommodations cost nothing; for the rest, a typical price tag was \$500.6 If accessibility is designed into the workplace at the outset, fewer accommodations are needed. And universal design and assistive technologies, such as handrails, automatic doors, closed captioning, and speech recognition software, make the workplace more accessible and comfortable for everyone. For Vermont's aging workforce, that's a plus.

Finally, the COVID pandemic has forced thousands to work remotely, challenging us to make home "offices" that are ergonomic and efficient. By necessity, people with disabilities have found ingenious solutions to many of these problems. **All Vermont employers and workers have a lot to learn from them.**



WHAT VERMONT IS DOING — AND WHAT NEEDS TO BE DONE

A half-century of federal civil rights legislation—won by a courageous, persistent, and strategic social justice movement—has made huge differences in the lives of people with disabilities. Vermont has been a leader in enacting progressive policies, and advocates and policymakers have worked together to create innovative public and private programs addressing access to basic needs, education and training, and the workplace. Project SEARCH pilot programs connect students with developmental disabilities with internships at larger organizations, where they learn skills in multiple departments.

Think College, launched in 2011 at the University of Vermont, provides a two-year vocational program for students with disabilities in a college environment. And Linking Learning to Careers is a pre-employment transition program that is in the fourth year of a five-year evaluated pilot program through Vermont's Division of Vocational Rehabilitation. The program provides career development support from high school through the transition into adulthood, connecting students with disabilities with employment and post-secondary education.



But there is more to do. Many Vermonters with disabilities who want to work are still not working. Many workplaces lack either physical or technological accessibility, and many employers may be unaware of the options for hiring and accommodating workers with disabilities.

The policies and programs that provide access to basic needs, education and training, and workplaces must be maintained, enforced, and expanded so people with disabilities can fully participate in the economy. Some recommendations for improvements in the three major access areas are:

1 - ACCESS TO BASIC NEEDS

- Ensure financial support is adequate to keep people with disabilities out of poverty
- Protect and expand quality, accessible health care coverage
- · Eliminate benefits cliffs that discourage work

2 - ACCESS TO EDUCATION AND TRAINING

- Ensure that programs for youth with disabilities transitioning to adulthood have sufficient funding
- Implement strategies to increase students with disabilities' access to and completion of college
- Require that students on IEP and 504 plans have equal access to post-secondary preparation
- Promote access to post-secondary training programs and registered apprenticeship programs that lead to high wage careers for people with disabilities

3 - ACCESS TO THE WORKPLACE

- Encourage private employers to have accessible printed materials, websites, and other technology
- Ensure that software systems are accessible, based on the <u>Web Content</u>
 Accessibility <u>Guidelines</u>
- Increase employers' awareness of the opportunities for and value of hiring people with disabilities
- Improve public infrastructure, including transportation and broadband access
- Ensure all state-funded programs promote and support work for people with disabilities

LAWS AND POLICIES IMPROVE LIVES MATERIALLY AND, ONCE IN PRACTICE, CAN CHANGE HEARTS AND MINDS.

But social change takes more than laws on the books. A broad public conversation can educate Vermonters, and employers specifically, on the ways — compounded by sex, race, and ethnicity — that people with disabilities are marginalized; on the important roles they play in our communities and workplaces; and on what more people can do to include them fully. Ultimately, Vermont should be a state where all people can flourish in the community of work with dignity, security, and meaning and without fear, frustration, or discrimination. Every Vermonter, not just those with disabilities, will reap the rewards.

GAINING ACCESS: A TIMELINE OF LEGAL PROGRESS

A history of legal gains for people with disabilities provides perspective to the changes made through the 20th century. All policies are federal, except where noted. They expand access to:



BASIC NEEDS: food, shelter, clothing, health care, and other basic needs.



EDUCATION AND TRAINING: means of acquiring skills and knowledge necessary for a chosen occupation.



WORKPLACE: transportation, physical accessibility, and technologies that enable access to information and improve job opportunities.









1963

The <u>Community Mental Health Act</u> provided federal funding to establish community mental health centers, allowing people to leave institutions and move back into communities.

1965

The <u>Social Security Amendments</u> established Medicare and Medicaid to provide medical assistance for the aged and for "needy or medically needy aged, blind, or disabled persons and dependent children."

1968

The <u>Architectural Barriers Act</u> required that buildings or facilities designed, built, or altered with federal dollars or leased by federal agencies be accessible.

1972

<u>Title XVI of the Social Security Act</u> created the Supplemental Security Income (SSI) program, federalizing income support services for "needy aged, blind, and disabled individuals." State and local governments previously managed the program with partial federal funding.

1973

<u>Section 504 of the Rehabilitation Act</u> prohibited discrimination on the basis of disability in programs and employment conducted by federal agencies and supported by federal dollars.

1975

<u>The Education for All Handicapped Children Act</u>, co-authored by Vermont Congressman Jim Jeffords, ensured "free and appropriate public education...in the least restrictive environment" and mandated Individualized Education Plans.

1990

The <u>Americans with Disabilities Act</u> prohibited discrimination against people with disabilities in the workplace, schools, transportation, telecommunications, and all spaces open to the public and required employers to make "reasonable accommodations" for employees.













1990

The <u>Individuals with Disabilities Education Act</u> required schools to prepare students for transition to adulthood, with emphasis on inclusive classrooms and curricula.

1993

Vermont closed the <u>Brandon Training School</u>, the state's only public residential institution serving people with intellectual and developmental disabilities, open since 1915.

1998

<u>Section 508 of the Rehabilitation Act</u> required federal agencies to make printed materials, websites, and other technology accessible to those with disabilities.

1999

The <u>Ticket to Work and Work Incentives Improvement Act</u> extended disability benefits and Medicare/ Medicaid coverage for those with SSI/SSDI returning to work.

2000

Vermont's <u>Medicaid for Working Persons with Disabilities</u> program allowed many people with disabilities to work and keep Medicaid coverage despite increased earnings and/or assets.

2002

First in the nation, <u>Vermont closed its sheltered workshops</u> and shifted funds to employment services for people moving into integrated employment and non-work options.

2014

The <u>Workforce Innovation and Opportunity Act</u> increased access to federally funded employment and training services, focusing on pre-employment transition services for students with disabilities.



RESOURCES

Below are links to resources for the community, employers, and job seekers:

Disability Rights Vermont

Governor's Committee on the Employment of

People with Disabilities

Green Mountain Self Advocates

University of Vermont Center on Disability

and Community Inclusion

Vermont Center for Independent Living

Vermont Coalition for Disability Rights

<u>Vermont Developmental Disabilities Council</u>

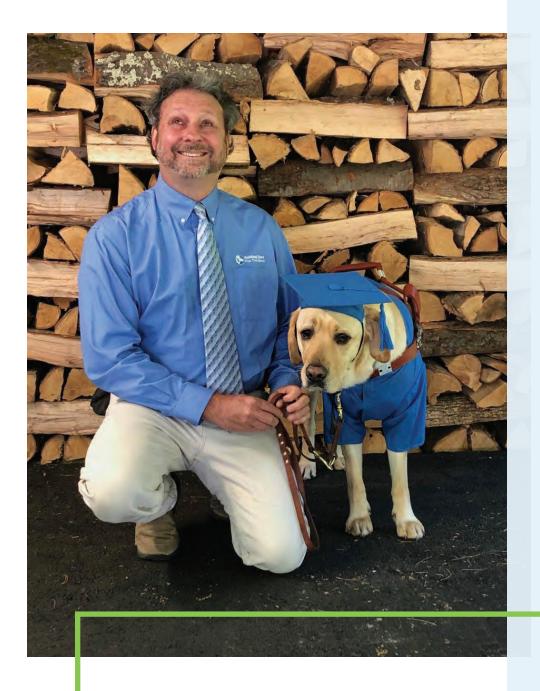
Vermont Developmental Disabilities Services Division

Vermont Division for the Blind and Visually Impaired

HireAbility Vermont

Vermont Psychiatric Survivors

Vermont Statewide Independent Living Council





HEARING A STUDENT'S VOICE

THE SCENE: Transfer student interview, Mt. St. Anthony's High School, Bennington. Guidance counselor Eric Caron's coworker finishes her questions and schedules the student for basic courses.

Eric (to student): You talked about biology, and it sounds like that was a pretty advanced course.

Student: Yes, it was honors biology.

Eric: Why biology?

Student: Oh, I want to be a medical examiner.

Eric: Have you read books about that?

Student: Yeah, I read these books.

Coworker reschedules student with honors and AP courses. Student leaves.

Coworker: Thank God you were here, Eric. I took one look at her with the piercings and the tattoos, and I just didn't hear what she was actually saying.

Eric (remembering, after retirement): I listened, as a blind person, and heard who the student was and wasn't distracted by any visual judgments.

ACKNOWLEDGMENTS

The Vermont Center for Independent Living would like to thank the following project partners who contributed time, thought, photos, and funding to this report: Diane Dalmasse and James Smith at the Vermont Division of Vocational Rehabilitation; Fred Jones at the Vermont Division for the Blind and Visually Impaired; Kirsten Murphy at the Vermont Developmental Disabilities Council; Tela Torrey at the Vermont Agency of Digital Services; Tom Hamilton at the Statewide Independent Living Council; The Fountain Fund; and Public Assets Institute for the research, analysis, writing, and design of this report. Thank you to the advocates and activists, including the Green Mountain Self Advocates, who participated in stakeholder meetings or spoke with researchers individually to shape research for this report. A special thanks to Sam Liss at the Governor's Committee on the Employment of People with Disabilities for seeing the value of this report and initiating the conversation to get it started.

Thank you to those who shared stories for this report: Bryan Dague at the University of Vermont Center on Disability and Community Inclusion; Dean Marchand; Eric Caron; Jen Kimmich at the Alchemist; Jennie Masterson at the Vermont Developmental Disabilities Services Division; Winnie Looby; and Zak Schmoll. And thank you to VCIL staff Patricia Tedesco and Stefanie Monte for their time and energy supporting this report.

And a final thank you to all of the advocates and activists who have worked so tirelessly in Vermont, nationally, and globally toward creating a more inclusive workplace and community for people with disabilities.

ENDNOTES

Data for this report comes from the U.S. Census Microdata from the American Community Survey (ACS). The ACS provides the most detailed source of employment information about Vermonters with disabilities. Although this is not the only way to define disability, the ACS includes anyone who identifies as having a "serious difficulty" with at least one of the four basic areas of functioning: hearing, vision, cognition, or walking or climbing stairs; or with at least one of two activities of daily living: bathing and dressing, and difficulty performing errands. The data do not differentiate a physical disability from a psychiatric disability.

The 44,000 noted here reflect working-age Vermonters (18-64) with disabilities who are not living in group quarters. Group quarters include institutions, such as correctional facilities and nursing homes, and non-institutional group quarters, such as college dormitories and military barracks. There are approximately 3,000 Vermonters with disabilities ages 18-64 living in group quarters.

The ACS has been criticized as undercounting people with disabilities: It estimated that 16 percent of Vermonters over the age of 18 had a disability in 2018, compared with the Behavioral Risk Factor Surveillance System Survey, which estimated 24 percent. Research has also shown that the ACS undercounts the number of people receiving Social Security Disability Insurance or Supplemental Security Income-Disability Income. Burkhauser, R., Fisher, T., Houtenville, A., and J. Tennant (2012), "Using the 2019 CPS-ASEC-SSA Matched Dataset to Show Who Is and Is Not Captured in the Official Six-Question Sequence on Disability," 14th Annual Joint Conference of the Retirement Research Center Consortium. Retrieved June 3, 2020 from https://paa2012.princeton.edu/papers/120945

- 2 Individual support services for people with intellectual and developmental disabilities, enabling them to access and succeed in competitive employment. This includes person-centered planning, meaningful job matches, and creative strategies to broaden employment opportunities.
- 3 The definition of full-time work is 35 hours or more per week for 50 to 52 weeks in the year. Part time is anything less.
- 4 National Disability Institute, "Financial Inequality: Race, Disability and Poverty in America," Feb. 8, 2017. Retrieved July 23, 2020 from https://www.nationaldisabilityinstitute.org/wp-content/uploads/2019/02/disability-race-poverty-in-america.pdf
- 5 Schur, L. (2002), "The Difference a Job Makes: the Effects of Employment among People with Disabilities," *Journal of Economic Issues* 36:2, https://doi.org/10.1080/00213624.2002.11506476
- 6 Job Accommodation Network, "Workplace Accommodations: Low Cost, High Impact," updated Sept. 30, 2019. Retrieved June 26, 2020 from https://askjan.org/topics/costs.cfm





Vermont Center for Independent Living 11 E State Street Montpelier, VT 05602

802-229-0501 | www.vcil.org