



SB26: Behavioral Health Licensing Amendments

February 12, 2024

Findings from OPLR's review:

Access to care

Utahns **receiving** behavioral health care

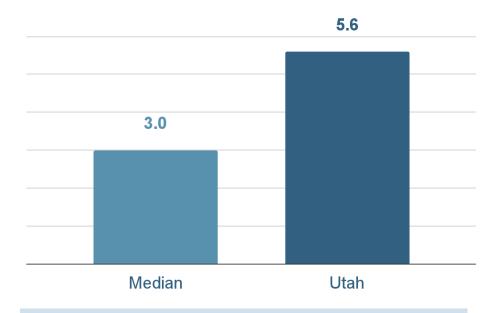
~530k

Utahns with an **unmet need** for behavioral health care

~210k-515k

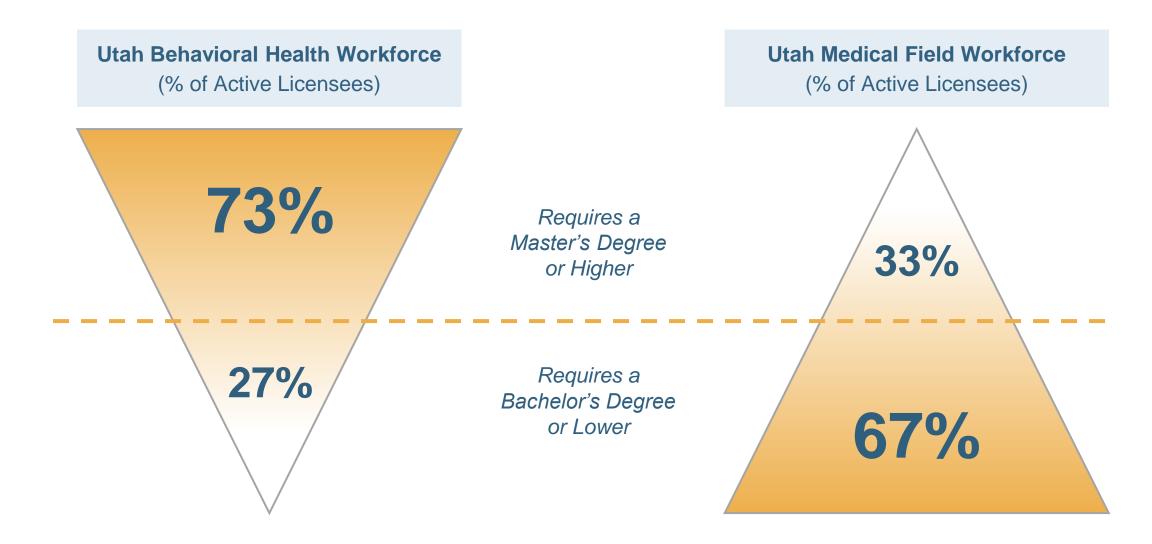
Safety of care

Annual¹ NPDB Reports Per 1,000 BH Providers



Utah ranks far above the median number of NPDB reports³ per behavioral health licensee⁴ in the US, at **12**th of 51 states.

Behavioral Health Care Lacks Extenders



SB26: Access



Fill Gaps in Career Ladders & Care

- BH Technician Certification (1-year)
- BH Coach License (Bachelor's)
- Prescribing Psychologist



Expand Pathways & Portability

- Exam Alternatives for MA-level Therapists
- Master Addiction Counselor license



Train Smarter, Not Harder

Flexible Continuing Education



Streamline Governance Structure

- Multi-Profession BH Board
- Removes Voc Rehab license

SB26: Safety



Train Smarter, Not Harder

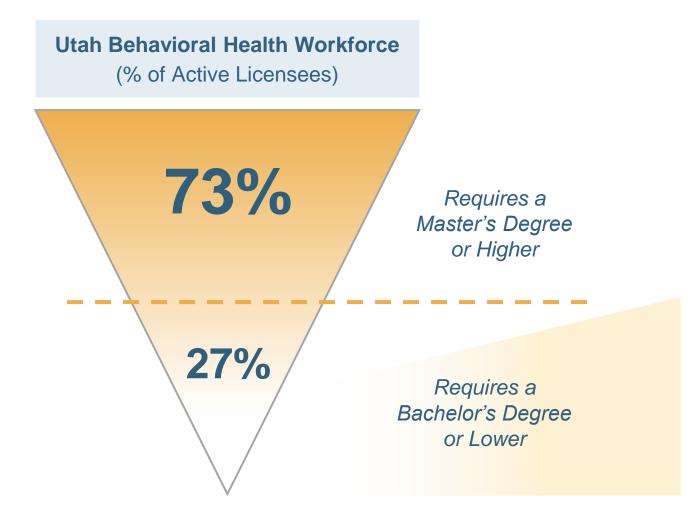
- Supervision Hours
- Supervision Quality



Strengthen Upstream Monitoring

- Background Checks for Therapists
- Consumer Disclosures
- UPHP Expansion

Fill Gaps in Careers & Care: Extender Roles



Proposed Solution

Behavioral Health Coach (License)

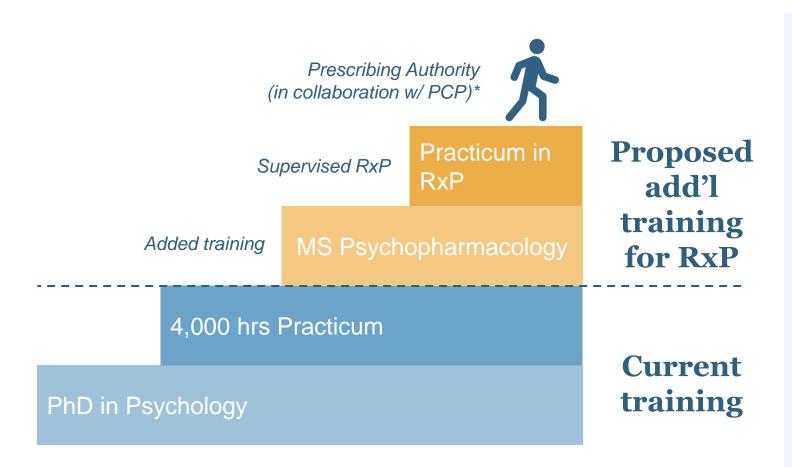
- For 4-year grads in multiple related majors
- Requires courses and experience in BH

Behavioral Health Technician (Certification)

- 1-year certificate in applied BH
- Offered at 4 USHE campuses starting 2024

Fill Gaps in Care: Prescribing Psychologists (RxP)

'RxP' refers to authority for psychologists to prescribe drugs related to behavioral health

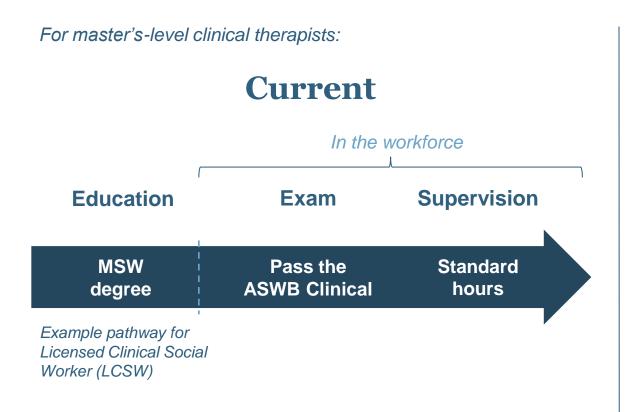


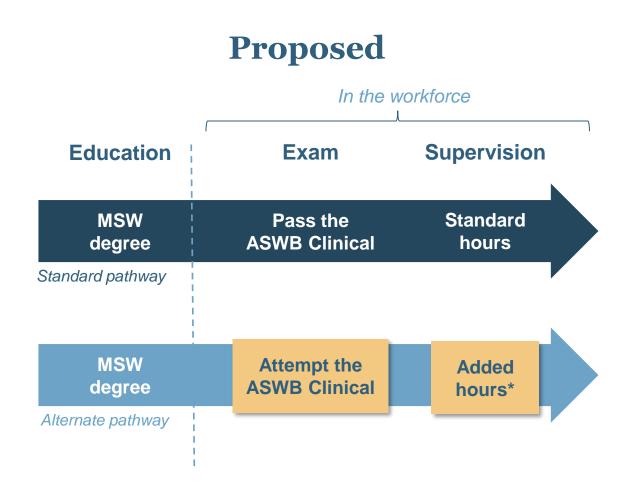
- ➤ OPLR finds **RxP** is safe when psychologists meet proposed requirements for licensure**
- ➤ Per UC 13-1b, OPLR considers 'present, recognizable, and significant harm' to the public
- ➤ The **U.S. Dept. of Defense**granted prescriptive authority in 1994
- ➤ Six additional states
 (including neighboring Idaho
 and Colorado) now authorize
 RxP

^{*}As proposed in SB26, RxP would allow certified psychologists to prescribe a limited formulary of drugs relevant to BH disorders in collaboration with a healthcare practitioner who oversees the patient's general care.

**See pages 135-151 in OPLR's '2023 Periodic Review: Behavioral Health' for detail.

Expand Paths & Portability: National Exams



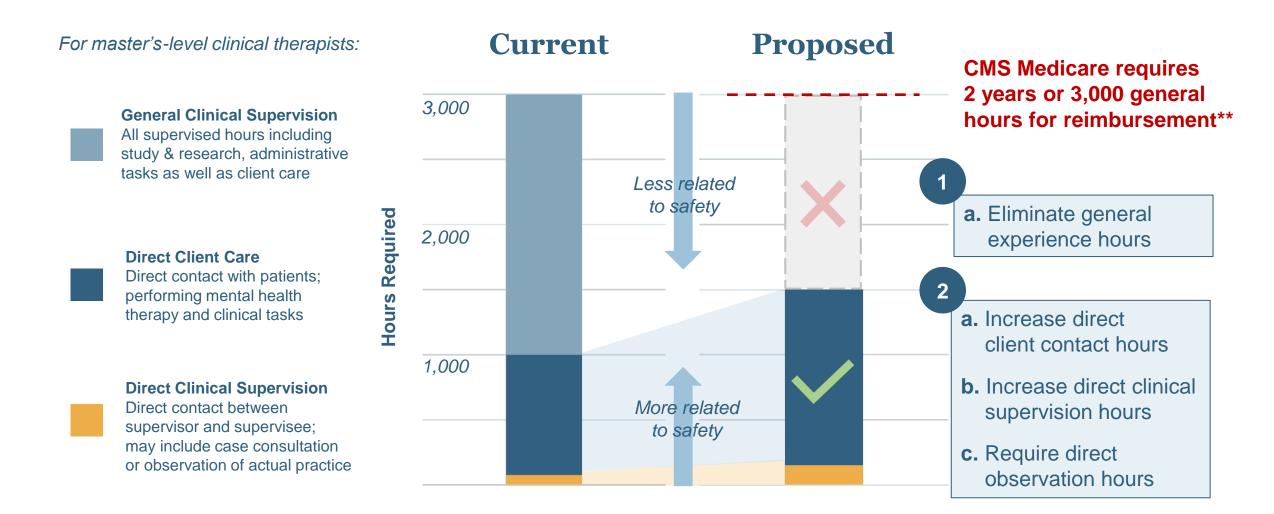


Streamline Governance: Multi-Profession Board

Current Proposed DOPL (Commerce) **DOPL** (Commerce) Licensing Board (advisory) Licensing Boards (advisory) Psych./ Policy Social Behavioral Health Board¹ MFT SUDC CMHC Behavior *functions* Work Analysis Licensing Committee: Committee: Committee: Licensed Practitioners functions² Qualifications Investigations **Probation** Licensed Practitioners Marriage Psych./ & Family Social SUDC **CMHC Behavior** Work Therapy Behavior Analysis Social MFT SUDC **CMHC Psychology Analysis** Work Occupation-specific structure **limits** Multi-profession structure encourages collaborative, cross-occupation & systems system level approaches to policy matters thinking in policy matters

¹ The BHB would include 6 licensed professionals representing each of the main occupations here, plus 2 associate licensees (e.g., CSW), and 4 public members with specific expertise to give a broad view of the behavioral health system (medical, research, DHHS); 2 Sub committees would execute licensing functions (like enforcement) with ad hoc groups set up as needed to address occupation-specific issues.

Train Smarter, Not Harder – Supervision Hours*

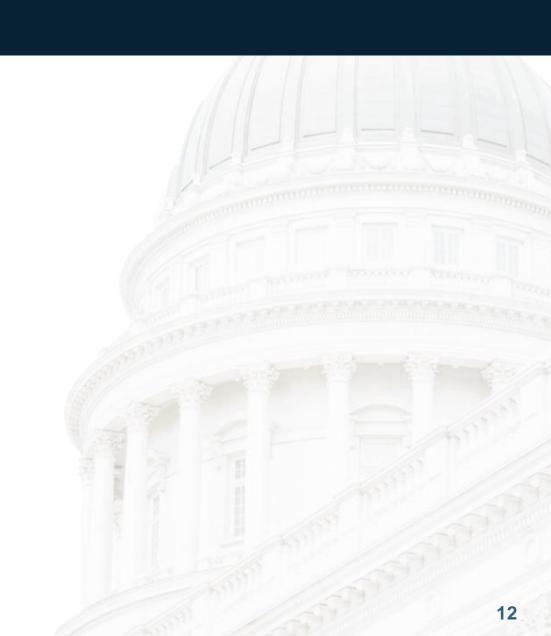


^{*} This recommendation is only in reference to MA-level clinical therapists, meaning LCSW, CMHC, MFT licenses. **Recent CMS Medicare rule (Section 4121 of CAA 2023) defines MA-level clinical therapists as having 2 years or 3,000 hours of supervised clinical training, separate from state licensure requirements.

Agenda

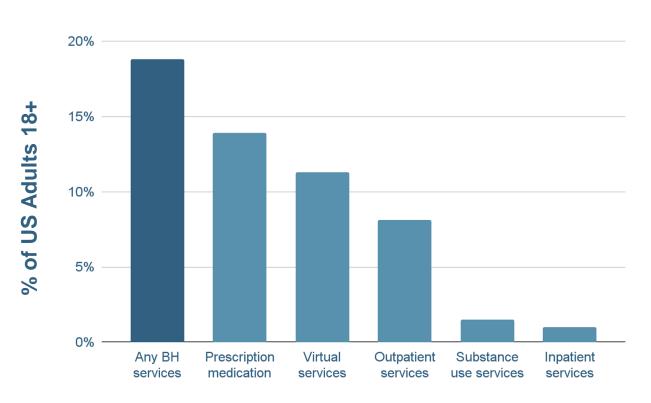
- Background & Methodology
- ² Findings
- 3 Recommendations
- 4 Discussion





Behavioral Health: Overview

BH Services Received (2021)¹



- Behavioral Health (BH)²
 Encompasses mental health & substance use disorders
- Common Disorders³
 Anxiety, depression, bipolar, post-traumatic stress,
 - schizophrenia, eating disorders, disruptive behaviors & dissocial disorders, neurodevelopmental disorders,
 - & substance use disorders (e.g., alcohol, opioid)
- Common Treatments⁴

Psychotherapy, psychotropic medication, psychosocial support services – e.g., therapy, case management

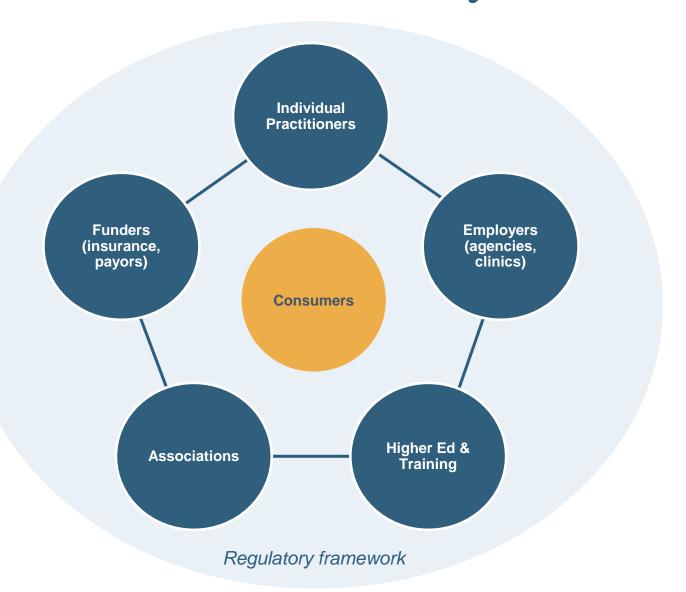
Treatment Settings⁵

Outpatient, inpatient, and informal – e.g., clinics, hospitals, residential programs, support groups

In the U.S., the most commonly used form of treatment for BH is prescription medication.

These medications are most often prescribed by a primary care provider without specialized training in BH.⁶⁻⁹

Behavioral Health: System Overview



- The behavioral health (BH) system has multiple actors working in coordination
- The BH system operates within a regulatory framework which includes professional licensure
- OPLR's objective is the 'health, safety,
 [and] financial welfare of the public'
- OPLR balances input from all actors in the system...but we preference the needs of the Utah public

¹ Utah Code 13-1b

Behavioral Health: Licenses Under Review

Department of Commerce

- Social Worker (~9,800 active licensees)
- Clinical Mental Health Counselor (2,900)
- Psychologist (1,300)
- Marriage & Family Therapist (1,500)
- Recreational Therapist (500)
- Behavior Analyst (800)
- Substance Use Disorder Counselor (500)
- Vocational Rehabilitation Counselor (200)
- State Certified Music Therapist (80)

Department of Health & Human Services

- Certified Case Manager (1,000)
- Certified Peer Support Specialist (600)
- Child/Family Peer Support Specialist/ Family Resource Facilitator (25)
- Certified Crisis Worker (350)
- Behavioral Emergency Services Technician (0)
- Advanced Behavioral Emergency Services Technician (0)

Why Review Behavioral Health?

Utah's high rates of BH disorders^{1,2} have serious consequences

3rd
Worst in Nation

- Adult Serious Mental Illness (SMI)
- Youth Severe Major Depressive Episodes



2x higher mortality risk

for individuals with SMI³



~75,200 years

lived with disability in Utah due to mental disorders in 2022⁴



~\$5.5 billion

lost to mental disorder disabilityadjusted life years (DALYs) in Utah in 2022⁵

OPLR Statutory Mandate & Research Questions

Utah Code 13-1b review criteria...

- Supply of qualified BH practitioners
- Unnecessary barriers to entry
- Portability & alternative paths to licensure

- Need for regulation to reduce risk of harm
- Severity, probability, permanence of harm
- What policies best prevent & reduce harm

Does Utah regulation provide sufficient access to behavioral health care?¹



Access refers to whether people receive the care they need, based on its availability, affordability, accessibility, acceptability, and adequacy, and their awareness of options for their care.²⁻⁶

Does Utah regulation provide sufficient safety in behavioral health care?



Safety reflects the incidence of adverse events, and refers to the extent to which receiving care exposes consumers to risks of harm to their health, safety, and/or financial welfare.⁷⁻¹⁴

Data & Methods

Primary Data Collection

Behavioral Health Workforce Survey¹

- ~4,000 total respondents

Stakeholder Listening Tour

Industry Focus Groups (10)

- 68 total attendees
- 90 minutes avg.

Board Chair Interviews (8)

60 minutes avg.

Expert & Leader Interviews (150+)

Stakeholder Vetting Tour

- 35 sessions w/200+ participants
- e.g., HMHI, USH, UHIA, LMHAs,
 IHC, DHHS, USHE, DOI

Secondary Data Analyses

Access to Care

- National Survey of Children's Health (NSCH)
- National Survey on Drug Use& Health (NSDUH)

Safety of Care

- National Practitioner Data Bank (NPDB) adverse action & malpractice data
- Division of Professional Licensing (DOPL) data on complaints & dispositions

Academic & Policy Review

Interstate Law Review

 Policy data on 500+ BH license types across U.S. jurisdictions

Policy Landscape Review

Legislative history, international approaches, case studies

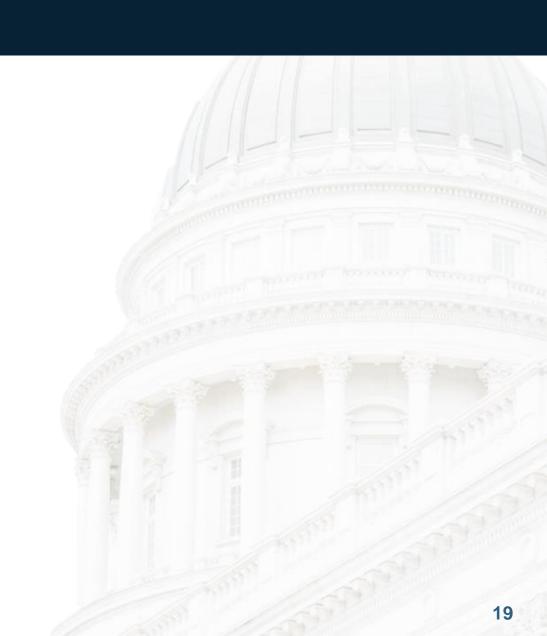
Literature Review

- 800+ relevant resources
 (e.g., articles) identified
- Evidence on the impact of various regulations on consumer access & safety
- Research on behavioral health systems, workforce, & policies

Agenda

- Background & Methodology
- Findings: Access
- 3 Recommendations
- 4 Discussion





Utah Has an Access Problem

Utahns **receiving** behavioral health care

~530k

Even among those children in Utah who do access care, 40% of parents report that it is difficult or impossible to obtain this care for their children.

Utahns with an **unmet need** for behavioral health care

~210k-515k

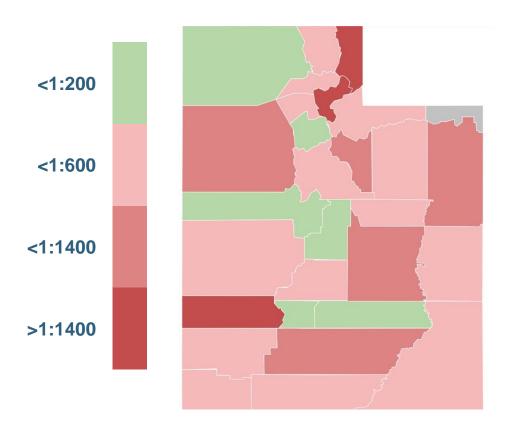
From 2020-2021, **58% of children** aged 3-17 in Utah with a clinically diagnosed mental or behavioral health condition **did not receive treatment** or counseling.

~750K-1 million Utahns need access to behavioral health care

The Access Problem May Be Worse in Rural Utah

BH Provider to Population Ratios, by County¹

All BH Provider Types

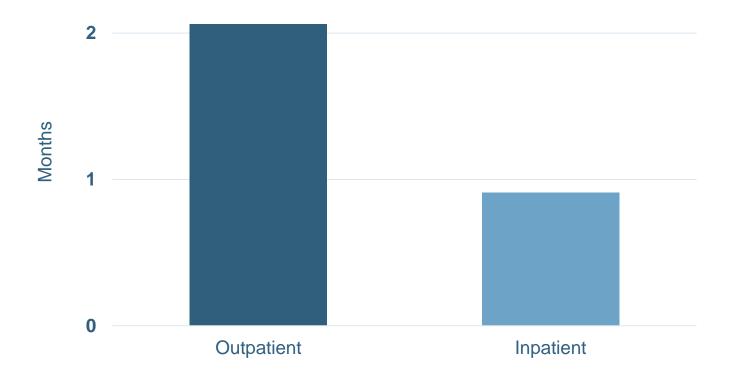


Rural counties struggle to attract & retain psychiatrists²

- All Utah counties with more than 600 residents per BH practitioner are rural
- Rich County and Morgan County have one provider for every 2,600 and 4,220 residents, respectively

Access is Poor for Outpatient BH Services

Weighted Average Wait Time by Setting Type (In Months)



Proposed federal guideline for behavioral health outpatient wait time is 10 calendar days¹

Unmet Need for Care Has Serious Consequences

Impact on Human Life

- 15-23K more adults (18+) in Utah will suffer from suicidal ideation in any given year because they have an unmet need for BH care. 1,2
- 7-10K more youth (11-17) in Utah will suffer from suicidal ideation in any given year because they have an unmet need for BH care. 1,3

Societal & Economic Consequences

- Unaddressed BH issues lead to 2-10x increase in burdens of healthcare & criminal justice spending and decreased economic productivity.⁴
- **Utahns will earn \$2.8 billion less** in any given year because they have an unmet need for BH care.⁵

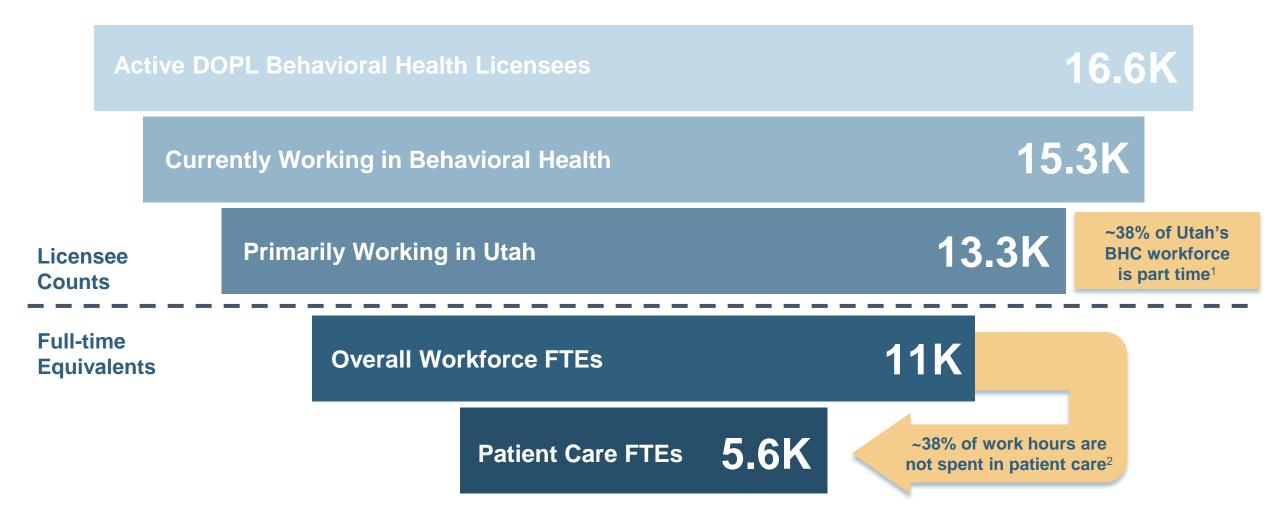
The access problem may be worsened by:





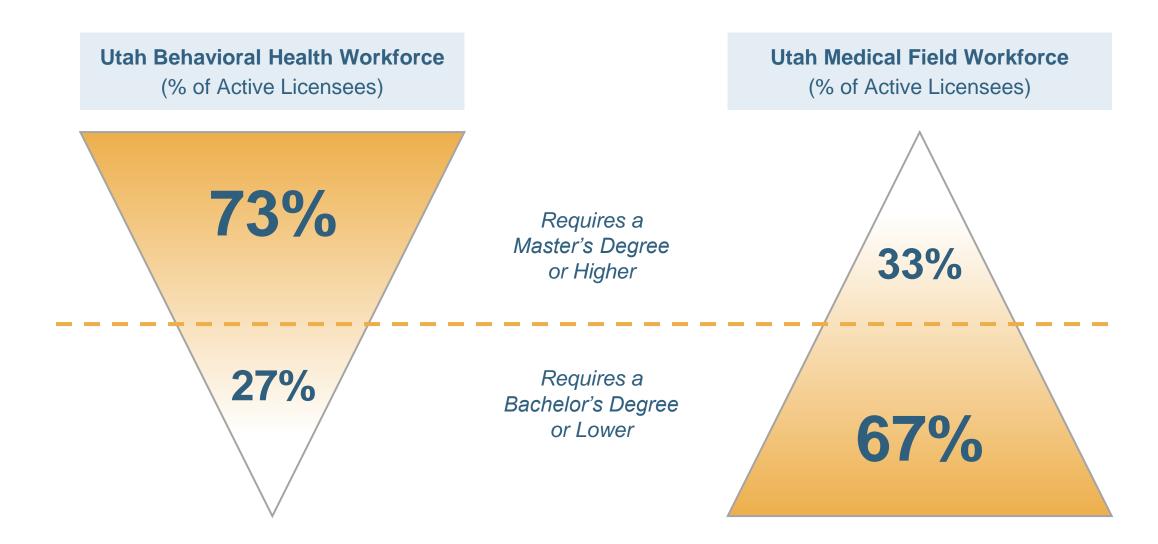


Part-Time Work & Admin Tasks Limit Capacity



Source: Data drawn from OPLR's 2023 Behavioral Health Care Workforce Survey; OPLR Analysis. UMEC's Utah's Mental Health Workforce 2021 report estimates: 10.3K total licensees, 9K actively providing services in Utah, and 7.4K total hour FTEs. Differences in estimates are due to differences in the population sampled; OPLR includes licensees below master's level. Proportion of active licensees to overall workforce FTEs is consistent across both analyses, at 65.7% (OPLR) and 71.9% (UMEC). 1.38% part time reflects those workforce working part time at their primary practice location. An additional 14% of respondents report working at a secondary practice location. 2.38% patient care hours subtracts time of those in non-patient facing roles (e.g., administrators), as well as admin burden for those in direct patient care roles.

Behavioral Health Care Lacks Extenders



Education & Career Paths Are Misaligned

USHE Institutions

Total # of Graduates (2018 - 2022)

License Available?

No

Yes

BH Employers





~5,700 graduates

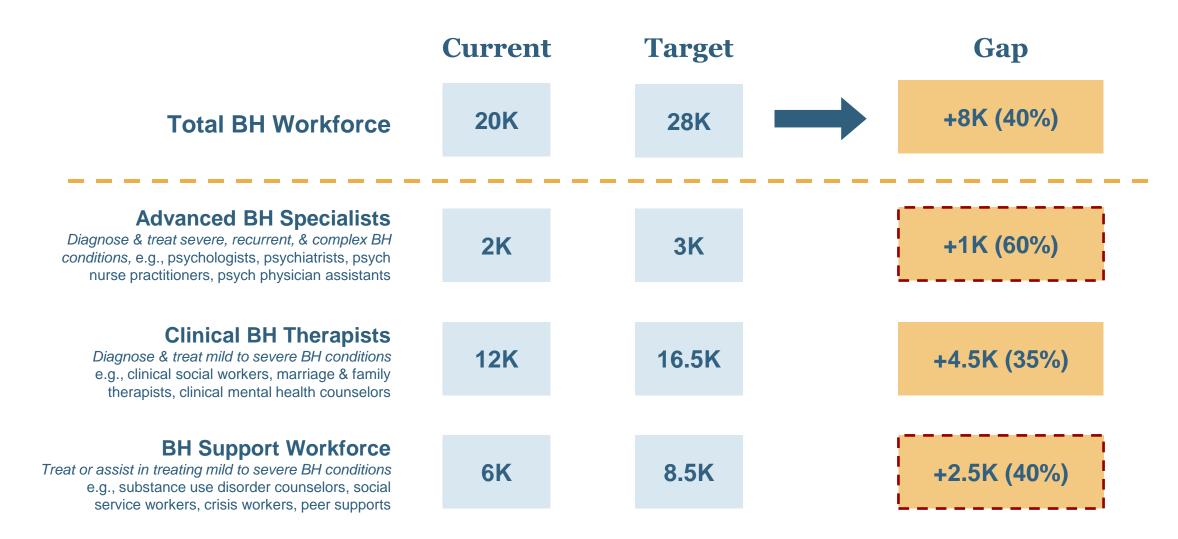






~1,500 graduates

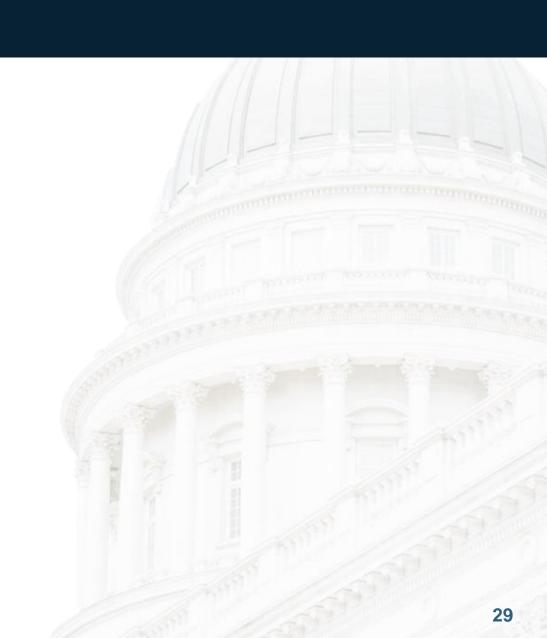
Utah Needs More Specialists & More Extenders



Agenda

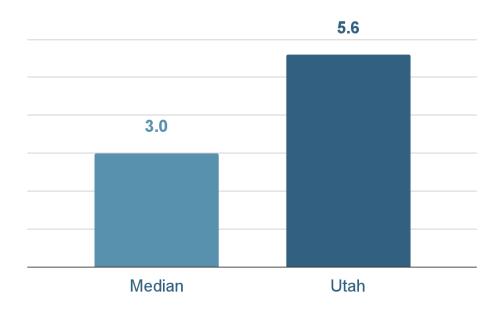
- Background & Methodology
- Findings: Safety
- 3 Recommendations
- 4 Discussion





Utah Has a Safety Problem

Annual¹ NPDB Reports Per 1,000 BH Providers (2015-2022)



Utah ranks far above the median number of NPDB reports³ per behavioral health licensee⁴ in the US, at **12**th of 51 states.



Utah has a high rate of repeat offenders

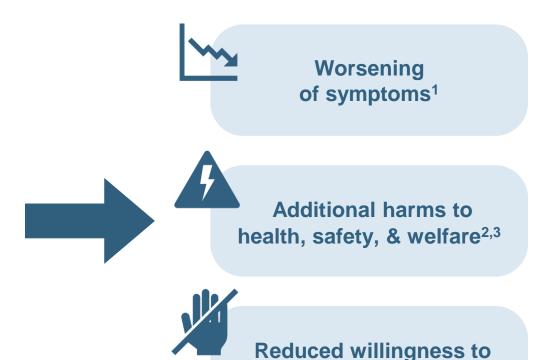
- The National Practitioner Data Bank (NPDB) tracks adverse actions² (e.g., loss of license) and medical malpractice payments for BH
- 44.4% of Utah BH practitioners with an NPDB report will offend again, which is very high relative to the US median (25%).
- Utah ranks #4 among US states for highest proportion of repeat offenders among BH practitioners with at least one NPDB report.

^{1.} Annual refers to the yearly average number of reports across the given time period. 2. Adverse actions reduce, restrict, suspend, or deny clinical privileges or membership in a healthcare organization or program. This includes actions related to: State Licensure/Certification, Clinical Privileges/Panel Membership, Drug Enforcement Administration, HHS OIG Exclusion, and Professional Society Membership. 3. Analysis includes all 50 states and D.C. and the following NPDB licenses: Clinical Social Worker, Psychologist, Mental Health Counselor, Professional Counselor, Addictions Counselor, Marriage and Family Therapist, Prof. Cnslrs. of Family/Marriage and Alcohol. 4. Number of BH practitioners from County Health Rankings number of Mental Health Providers, drawn from NPI estimates. Includes: Psychiatrists, Psychologists, Licensed Clinical Social Workers, Counselors, Marriage and Family Therapists, Mental Health Providers that treat alcohol and other drug abuse, and Advanced Practice Nurses specializing in mental health.

Unsafe Care Has Serious Consequences

Common **Substantiated Complaints**Against BH Practitioners

- Boundary Violations(e.g., sexual relationships, harassment, or assault)
- 2 Billing Fraud
 (e.g., billing for sessions that did not occur)
- 3 Confidentiality & Other Violations
 (e.g., failure to keep confidentiality; inappropriate involvement in custody proceedings)



access care in the future⁴⁻⁶

The safety problem may be worsened by:



Inconsistent supervision & support for clinicians



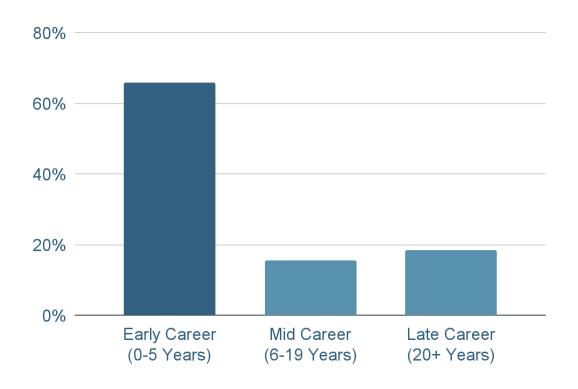
Siloed data on safety/quality of care



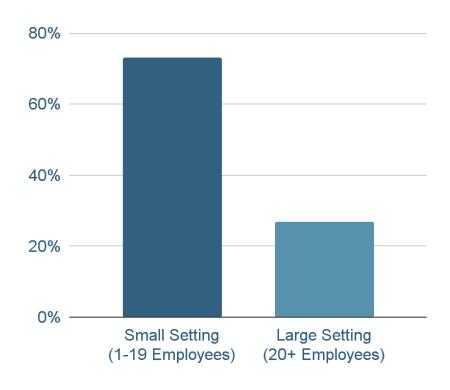
Reactive rather than proactive monitoring

Career Stage & Setting Are Linked to Safety Issues

DOPL Substantiated Complaints by Career Stage



DOPL Substantiated Complaints by Setting Size

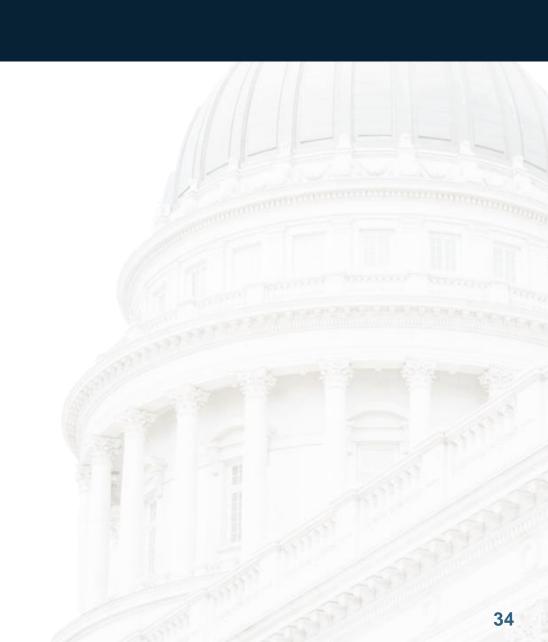


Utah BH providers report that **supervised training** for early career providers **lacks consistency** and that many providers have **insufficient access to ongoing support** (e.g., via case consultation)

Agenda

- Background & Methodology
- Findings
- 3 Recommendations
- 4 Discussion





Recommendations Address Both Access & Safety





Increase Access to BH Care

- Grow the Workforce
 More providers overall
- Optimize Providers' Time
 More time at highest and best use
- Meet High-Need Consumer Demand More specialists & extenders

Increase Safety of BH Care

- Prevent Harm to Consumers
 More effective safeguards
- Detect Harm to Consumers
 More proactive monitoring methods
- Course Correct When Harm Occurs
 More coordinated oversight efforts

Recommendation Summary



Train Smarter, Not Harder



- Supervision Quality
- Continuing Education



Expand Pathways & Portability

- Exam Alternatives
- Interstate Compacts
- Addiction Counseling



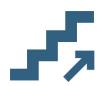
Strengthen Upstream Monitoring

- Proactive Measures
- UPHP Expansion



Streamline Governance Structure

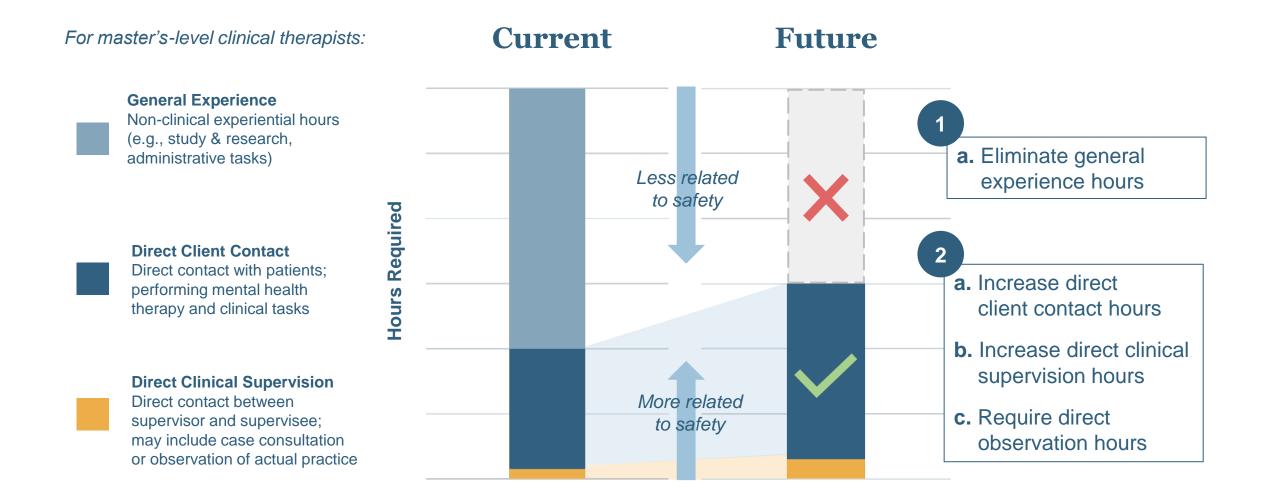
- Scopes & Authorization
- Multi-Profession Board



Fill Gaps in Career Ladders & Care

- Extender Roles
- Psychology Rx

Train Smarter, Not Harder – Supervision Hours*



^{*} This recommendation is only in reference to MA-level clinical therapists, meaning LCSW, CMHC, MFT licenses

Train Smarter, Not Harder – Supervisor Reqs*

For master's-level clinical therapists:

Current

Unclear Definition of Supervision



No Training Required



Max Limit of 6
Supervisees



Future

1 Clear Definition of Supervision



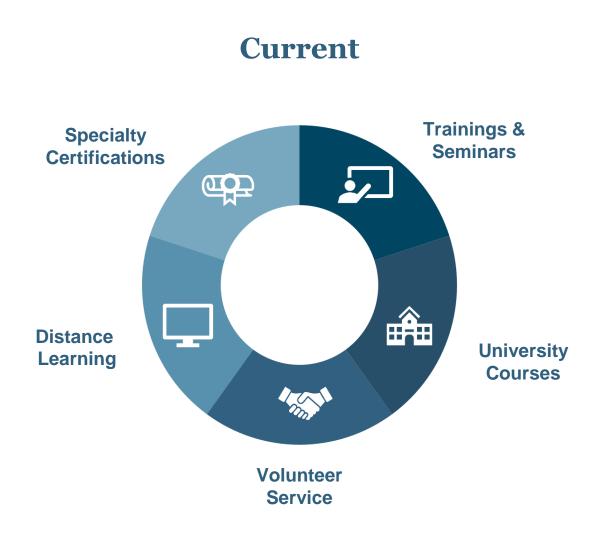
2 Training Required



No Limit on Supervisees



Train Smarter, Not Harder – Continuing Ed

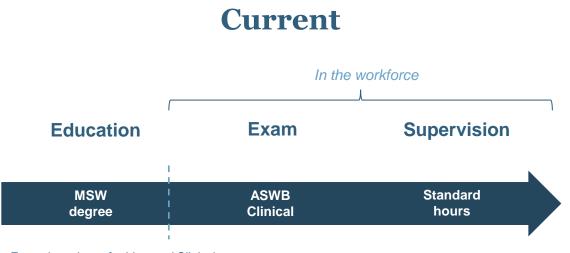


Future

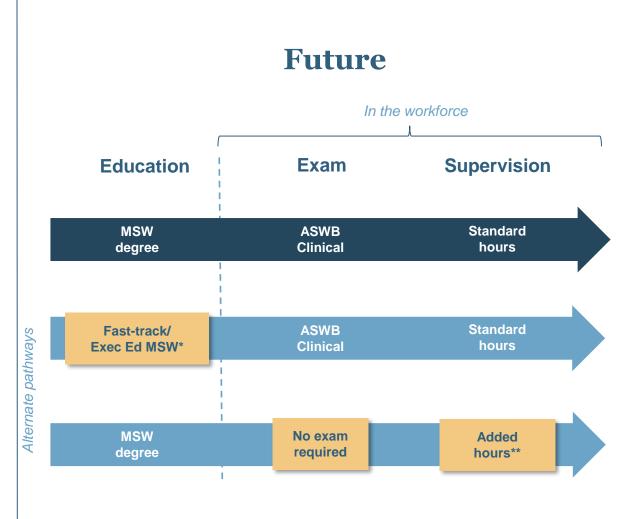


Expand Paths & Portability – Clinical Exams

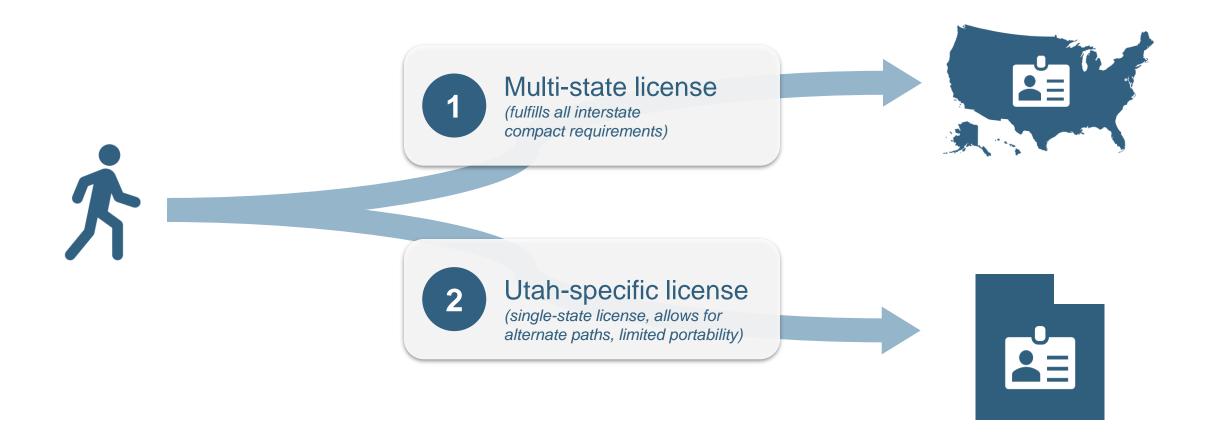
For master's-level clinical therapists:



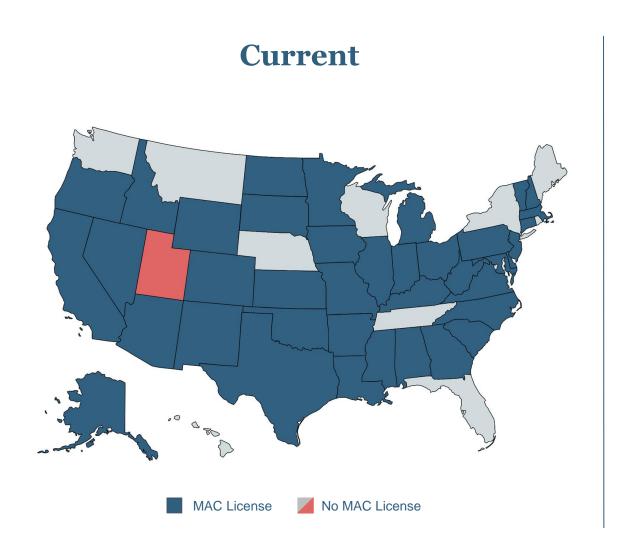
Example pathway for Licensed Clinical Social Worker (LCSW)



Expand Paths & Portability – Compacts

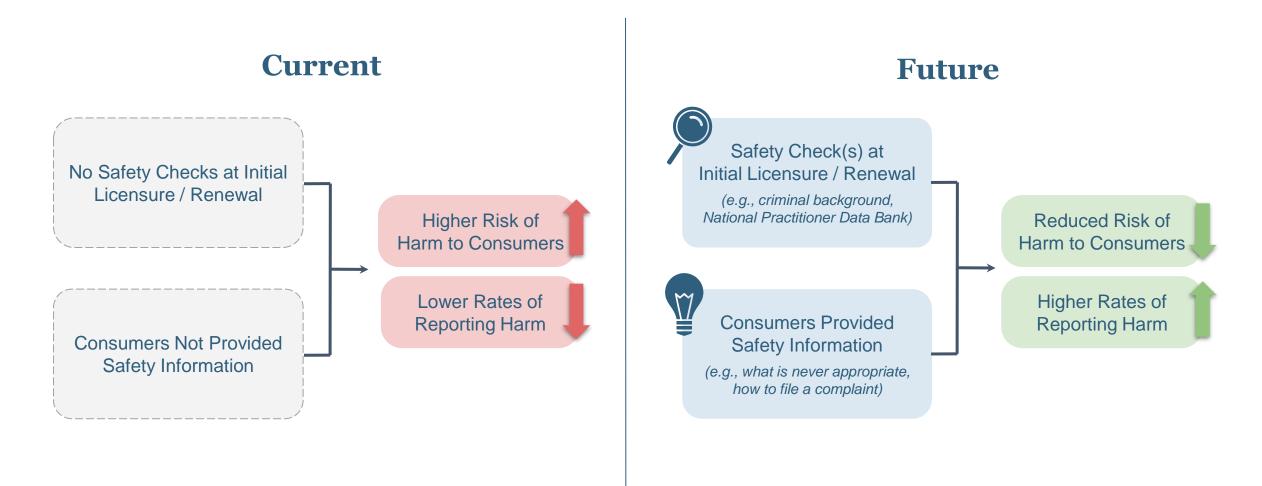


Expand Paths & Portability – Addiction Specialty





Strengthen Monitoring – Proactive Measures



Strengthen Monitoring – UPHP Expansion

The Utah Professionals Health Program (UPHP) is an alternative to public disciplinary action for licensed professionals who have substance use disorders. It enables individuals to confidentially seek & receive help.

Current

Professionals Served

- Medical Professionals (80.5K)
- Dental Professional (7.5K)
- Veterinary Professionals (1.3K)

Not Served

• BH Professionals (18.6K active licensees)

~89K professionals ~90 participants (current)

Future

Professionals Served

- Medical Professionals (80.5K)
- Dental Professional (7.5K)
- Veterinary Professionals (1.3K)



Behavioral Health Professionals (18.6K)

~108K professionals ~110 participants (estimate)

The Duties of DOPL Boards

Utah Code 58-1-201: "...the duties, functions, and responsibilities of each board include..." [selected]

Policy functions

- Recommending rules and statutory changes
- Recommending policy and budgetary matters
- ...may recommend to the appropriate legislative committee re: changes to a licensing act
- Assisting in establishing standards of supervision for students in training

Licensing functions

- Screening applicants & recommending licensing, renewal, reinstatement, & re-licensure actions
- ...acting as presiding officer in conducting hearings associated with adjudicative proceedings when so designated by the director.



The ideal board composition differs for **policy functions** versus **licensing administrative functions**

Streamline Governance - Multi-Profession Board

Current **Future DOPL** (Commerce) **DOPL** (Commerce) Licensing Board (advisory) Licensing Boards (advisory) **Policy** Psychology/ Social Rec Behavioral Health Board¹ MFT SUDC Behavior *functions* Work Therapy Analysis Licensing Sub-Cmte #2 Sub-Cmte #3 Sub-Cmte #1 Licensed Practitioners functions² Licensed Practitioners Marriage & Substance Psychology/ Family Use Social Rec **Behavior** Work Therapy Therapy Disorder Social Rec Behavior Analysis MFT SUDC Psych. Counseling **Analysis** Work Therapy Structure limits cross-occupation & Structure encourages collaborative, system level approaches to policy matters systems thinking in policy matters

¹ We also recommend expanding the expertise of the boards to include DHHS officials, population health experts, payors, employers, medical professionals, consumer advocates, and others to give a broad view of the behavioral health system; 2 Sub committees would execute licensing functions (like enforcement) with separate sub committees by scope of practice (e.g., clinical therapists, sub-clinical, etc...); committee composition TBD, but would be made up of primarily those licensed to perform the relevant scope of practice.

Streamline Governance – Scopes of Practice



Profession-exclusive scopes create "barriers to interprofessional collaboration, practice, and respect."1

1. See pg. 325, Safriet, 2002; see also Trebilcock, 2022. 47

Streamline Governance – Authorization Types



Higher-risk activities create **more opportunities for more serious harm**, and so should require a license. Lower-risk activities **still pose some risk of harm**, and so may be regulated via negative licensure.

Fill Gaps in Careers & Care – Extender Roles

Current

| <u>Education</u> | Psychology | Social Work | Counseling & Therapy | Substance Counseling |
|----------------------------------------------|-----------------------------|----------------|-------------------------|-------------------------|
| Doctorate + Supervision | Psychologist | | | |
| Masters + Supervision | | LCSW | CMHC/ MFT | |
| Bachelors | | SSW | | Advanced SUDC |
| Associates | (| GAP | | SUDC* |
| Stand-alone Academic Certificate (1yr) | | | | |
| DHHS Certificate (1 week) | Case Manager, Crisis Worker | | | Peer Support |

Future

| Education | <u>Psychology</u> | Social Work | Counseling & Therapy | Substance Counseling | |
|----------------------------------------------|---------------------------------------------|----------------|-------------------------|-------------------------|--|
| Doctorate + Supervision | Psychologist | | | | |
| Masters + Supervision | | LCSW | CMHC/ MFT | | |
| Bachelors | [Generalist Behavioral Health License] | | | | |
| Associates | | | | | |
| Stand-alone Academic Certificate (1yr) | Behavioral Health Technician | | | | |
| DHHS Certificate (1 week) | Case Manager, Crisis Worker Peer Support | | | | |



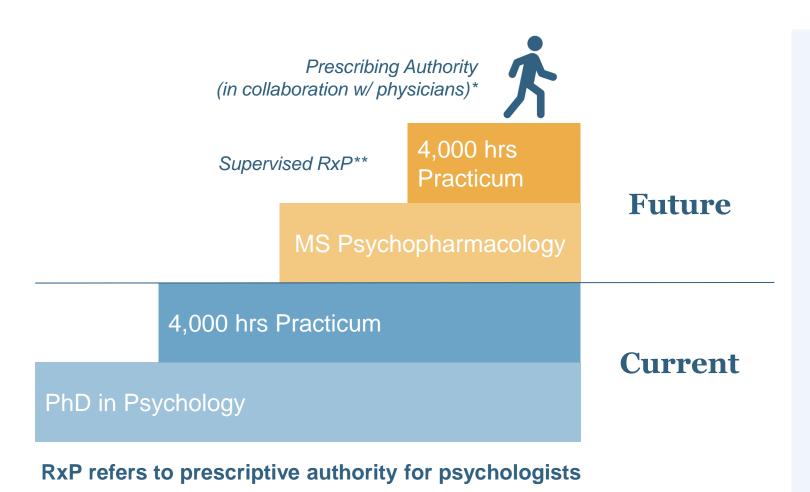


Existing sub-clinical licenses



NEW sub-clinical licenses

Fill Gaps in Careers & Care – RxP Specialty



- ➤ Prescribing psychologists receive 4x-6x more pharmacology training than physicians & psych APRNs¹
- ➤ RxP legislation increases access to care, especially in rural areas^{2,3}
- ➤ RxP legislation is associated with decreased suicide rates & deaths attributable to mental illness^{3,4}
- ➤ RxP may be a **cost-effective** strategy for reducing suicide rates⁵
- ➤ From 2005-2021, prescribing psychologists had a slightly lower malpractice claim rate than psychiatrists—at 2.1% vs. 2.6%⁶

Recommendation Summary



Train Smarter, Not Harder



- Supervision Quality
- Continuing Education



Expand Pathways & Portability

- Exam Alternatives
- Interstate Compacts
- Addiction Counseling



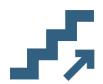
Strengthen Upstream Monitoring

- Proactive Measures
- UPHP Expansion



Streamline Governance Structure

- Scopes & Authorization
- Multi-Profession Board



Fill Gaps in Career Ladders & Care

- Extender Roles
- Psychology Rx

Licensure is Only One Part of the Solution

Occupational regulation policy interacts with two other systems:

Post-secondary Education (public and private)

Occupational Regulation

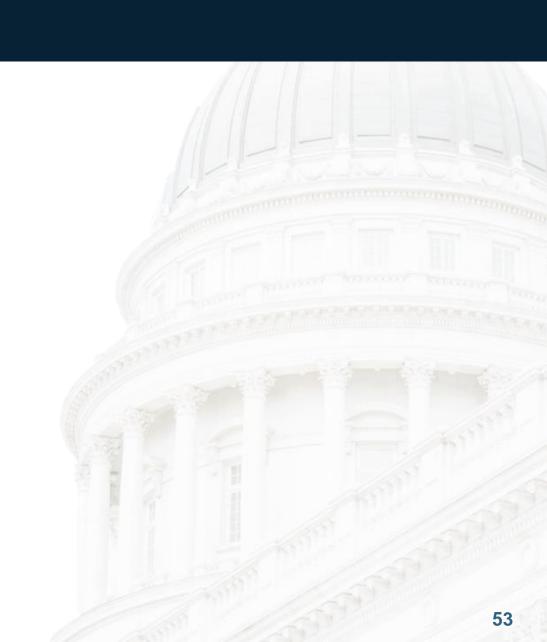
Health Insurance (public and private)

- Behavioral health (BH) educational pathways are underdeveloped at all levels
- Workforce shortages also relate to the expense of postsecondary training/education relative to compensation
- The market for BH services (most often covered by insurance) is highly regulated and constrained
- BH providers feel **reimbursement rates are low** and stagnant, and insurance may not reimburse **team-based approaches**

Agenda

- Background & Methodology
- ² Findings
- 3 Recommendations
- 4 Discussion





Next Steps

- 1. Integrate feedback from Business & Labor
 - 2. Circulate field-level report for stakeholder comment
 - 3. Submit field-level report to Business & Labor
 - 4. Circulate occupation-level reports for stakeholder comment
 - 5. Submit occupation-level reports to Business & Labor

Agencies Coordinating On System-Wide Solutions



Commerce

- Fill gaps in entry-level licensing / certifications
- Expand alternative pathways and portability
- Strengthen & streamline supervision hour requirements
- Merge DOPL licensing boards



USHE & TRU

- Create statewide 1- and 2- year
 BH educational programs
- Create clinical psychology track for undergrads
- Consider policies and targeted funds for growth of programs and to encourage BH workforce participation (programmatic growth and scholarships)



DHHS

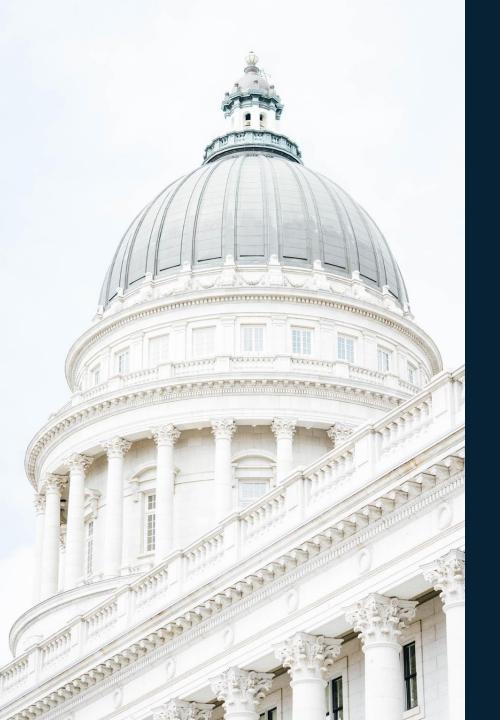
- Evaluate whether new Medicaid services are needed to match new proposed paraprofessional certifications
- Emphasize subclinical practitioners in public agency staffing (DCFS, LMHAs)
- Create inter-agency communication around facility licensing & DOPL licensing
- Seek ways to reduce practitioners' reporting and administrative burdens



Insurance

- Convene private insurers, public payors, and other key stakeholders to identify & address root causes of access issues (e.g., paneling, credentialing, & reimbursement)
- Investigate and identify network adequacy requirements for behavioral health

GOAL: Aligned, inter-agency reform package





Thank You

Appendix



Relevant Statutes and Rules

26B-5 Health Care - Substance Use and Mental Health

58-1 Division of Professional Licensing Act

58-4 Utah Professionals Health Program

58-60-40 Recreational Therapy Practice Act

58-60 Mental Health Professional Practice Act

58-60-1 General Provisions

58-60-2 Social Worker Licensing Act

58-60-3 Marriage and Family Therapist Licensing Act

58-60-4 Clinical Mental Health Counselor Licensing Act

58-60-5 Substance Use Disorder Counselor Licensing Act

58-60a Counseling Compact

58-61 Psychologist Licensing Act

58-60-78 Vocational Rehabilitation Counselors Licensing Act

58-60-84 State Certification of Music Therapists Act

R156-1 General Rule of the Division of Occupational and Professional Licensing

R156-4 Utah Professionals Health Program Rule

R156-40 Recreational Therapy Practice Act Rule

R156-60 Mental Health Professional Practice Act Rule

R156-61 Psychologist Licensing Act Rule

R156-61a Behavior Analyst Licensing Act Rule

R156-78 Vocational Rehabilitation Counselors Licensing Act Rule

R156-84 State Certification of Music Therapists Act Rule

R523 Human Services, Substance Abuse and Mental Health

Methods Notes: Utah Has An Access Problem

- All data drawn from 1) the 2020-2021 National Survey of Children's Health and 2) the 2018-2019 National Survey on Drug Use and Health.
- Utahns Currently Receiving Care = Children Receiving Mental Health Treatment (78,949) + Children Receiving Substance Use Disorder Treatment at a Specialty Facility (1,000) + Adults Receiving Mental Health Treatment (436,000) + Adults Receiving Substance Use Disorder Treatment at a Specialty Facility (11,000) = 526,949
- Utahns With an Unmet Need for Care (Upper Bound) = Children with a Clinical Unmet Need for Mental Health Treatment (68,028) +
 Children with a Substance Use Disorder Not Receiving Treatment at a Specialty Facility (11,000) + Adults with a Clinical Unmet Need for
 Mental Health Treatment (300,698) + Adults with a Substance Use Disorder Not Receiving Treatment at a Specialty Facility (135,000) =
 514,726
- Alternative Unmet Need Calculation (Lower Bound). An alternative way of calculating unmet need involves substituting perceived unmet need measures for clinical unmet need measures. Children with a Perceived Unmet Need for Mental Health Treatment (27,267) + Children with a Perceived Unmet Need for Substance Use Disorder Treatment (473) + Adults with a Perceived Unmet Need for Mental Health Treatment (172,000) + Adults with a Perceived Unmet Need for Substance Use Disorder Treatment (5,805) = 205,545
- **Limitations.** Because the available data is from 2020-2021 for children and from 2018-2019 for adults, because Utah has experienced substantial population growth during this period, and because the COVID-19 pandemic has increased the prevalence of behavioral health disorders, the figures presented likely represent an underestimate of the number of individuals who might benefit from access to behavioral health care services in the state of Utah. The original figures also do not attempt to control for the double counting of individuals with both substance use disorder <u>and</u> mental health treatment needs, and so may be an overestimate of the total number of individuals needing care.
 - Adjusting for population growth alone gives an estimate of 552K individuals currently receiving care, 540K with a clinical unmet need, and 216K with a perceived unmet need (or a total of ~768K to 1 million individuals needing care).
 - Using national comorbidity rates to reduce double counting produces estimates of 456K individuals currently receiving behavioral health care services, 446K with a clinical unmet need, and 178K with a perceived unmet need (or a total of ~634K to 902K individuals needing care).
 - Adjusting for both population growth and comorbidity of mental health disorders and substance use disorders gives an estimated 478K individuals currently receiving care, 467K with a clinical unmet need, and 187K with a perceived unmet need (or a total of ~665K to 945K individuals needing care).

Methods Notes: Utah Has A Safety Problem

- All data drawn from 1) National Practitioner Data Bank (NPDB) Public Use Data File, which extends from 1990-2023, and 2) the County Health Rankings number of Mental Health Providers, which reliably extends from 2015-2022.
- The NPDB data dictionary, found here: https://www.npdb.hrsa.gov/resources/publicData.jsp, provided the information necessary to properly code and label data by variables of interest, e.g. license type and license state.
- State estimates were aggregated by the license state NPDB variable, and missing license state data was imputed, where possible, with work state. In only 1% of reports does license state differ from work state, implying interchangeability between the two.
- To calculate the number of MHP across the 7-year time-span, year level data from the page linked below were appended. In years where a state aggregate was not reported, providers were summed across all counties in each state. https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation
- To calculate Annual NPDB Reports per 1,000 BH Practitioners, the number of reports per license (as specified in footnote 3) were summed up by state and year and divided by the number of MHP in the corresponding state and year. These figures were multiplied by 1,000 and then averaged across the 7 year time span.
- To calculate the rate of repeat offenders, the number of practitioners with 2+ reports was divided by the total number of unique practitioners, per state, with reports between 2010-2022. To ensure that practitioners were not counted twice for the same offense, reports of differing types with the same practitioner in the same year were counted as one event. This inherently assumes that if a practitioner had 2 reports of different types filed against him in one year, they originated from the same incident.
- **Limitations.** The County Health Rankings estimate for MHP includes professionals, such as psychiatrists and psychiatric nurses, that were not included in the summation of NPDB reports. Therefore, the two do not cover the exact same population of MHP, which may slightly underestimate the true number of reports per BH professional. Additionally, the filtering method applied to the repeat offenders analysis is not a perfect control for practitioners being double counted. The final figure may double count some reports while removing others that were legitimately unique incidents. Despite this, the analysis was robust to the inclusion of the filter.

Methods Notes: OPLR BH Workforce Survey

- Cross-Profession Minimum Data Set (CPMDS) survey instrument developed by Dr. Hanna Maxey, Director of the Bowen Center for Health Workforce Research & Policy
- Distributed via Qualtrics to all active DOPL licensees in behavioral health professions (16,250 unique individuals) on Feb 27, 2023
- Unique email links prevented duplicate responses

| Distribution Summary | | | | |
|----------------------|-------------|--|--|--|
| Bounce rate | 1% | | | |
| Open Rate | 70% | | | |
| Completion Rate | 91% | | | |
| Total Response Rate | 25% | | | |
| Avg Completion Time | 5-9 minutes | | | |