

Twenty-Third Meeting of the HB 21-1317 Scientific Review Council

February 17, 2026

Welcome & Introductions

Dean Cathy Bradley, PhD, MPA & Christopher E. Urbina, MD, MPH

Colorado Cannabis Education, Research & Policy Project

2025-2026 CO CERP Project Team

Member	Sub-Team
<i>Cathy J Bradley, PhD</i>	<i>Principal Investigator</i>
Ashley Brooks-Russell, PhD, MPH	Subject Area Expertise
Annie Collier, PhD	Education Campaign, Administration
Zachary Giano, PhD	Education Campaign (Evaluation)
Travis Leiker, MPA	Administration
Louis Leslie, BA	Systematic Review
Tianjing Li, MD, PhD, MHS	Systematic Review
Jean-Pierre Oberste, MPH	Systematic Review
Ben Harnke	Systematic Review
Daphna Rubin, MPH	Education Campaign, Systematic Review, Administration
Neeloofar Soleimanpour, MPH	Administration
Greg Tung, PhD, MPH	Administration, Subject Area Expertise, Education Campaign
Tsz Wing Yim, MPH	Systematic Review

Scientific Review Council Members

Member	Role on Council	Affiliation(s)
Chris Urbina, MD, MPH (Chair)	Preventive medicine specialist (or preventive medicine public health professional)	Pueblo Department of Public Health and Environment; Former Director of CDPHE
Gregory Kinney, PhD, MPH	Epidemiologist	Colorado School of Public Health
Kennon Heard, MD	Medical Toxicologist	University of Colorado School of Medicine
Archana Shrestha, MD	Neurologist	University of Colorado School of Medicine
Erica Wymore, MD, MPH	Pediatrician, Neonatal-Perinatal Medicine	University of Colorado, School of Medicine
Paula Riggs, MD	Psychiatrist	University of Colorado, School of Medicine
Susan Calcaterra, MD, MPH	Internal medicine physician (or other specialist in adult medicine)	University of Colorado School of Medicine
Joseph Schacht, PhD	Licensed Substance Abuse Disorder Specialist	University of Colorado School of Medicine
Kent Hutchison, PhD	Neuropsychopharmacologist	University of Colorado School of Medicine
Lesley Brooks, MD	Medical professional (or public health professional) who specializes in racial and health disparities and systemic inequalities in health care and medicine	North Colorado Health Alliance; SummitStone Health Partners

Review of Agenda

Christopher E. Urbina, MD, MPH
Chair, CO CERP Project Scientific Review Council

Scientific Review Council Meeting Agenda

9:00 AM	Opening Remarks, Introductions and Welcome, Updates on Conflict of Interest	Bradley & Urbina
9:05 AM	Review of Agenda and Meeting Minutes	Urbina
9:15 AM	Legislative, Operational, and Funding Updates	Bradley & Leiker
9:20 AM	Scientific Team Updates <ul style="list-style-type: none">• CME Programming Updates – Ashley• Updated Scoping Review PRISMA• Policy Review• Older Adult Review	Li & Tung
9:35 AM	Education and Evaluation Updates <ul style="list-style-type: none">• Collaborative Projects• Community Engagement• Program Evaluation	Collier
9:45 AM	Updates from Initium Health and Tea on THC Campaign <ul style="list-style-type: none">• Metric updates• New content updates	Corbett
10:00 AM	SRC Discussion, Next Steps & Closing Remarks	Urbina

Review of Meeting Minutes

Christopher E. Urbina, MD, MPH
Chair, CO CERP Project Scientific Review Council


Prior Reports & Meeting Materials Available

 colorado school of public health Ap

Colorado Cannabis Education, Research, & Policy Project

Our Team	Scientific Review Council	Education Campaign	Resources & Reports	Publications	Events	Contact Us
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Visit "[The Tea on THC](#)" Campaign.



[oloradosph.cuanschutz.edu/research-and-practice/practice/cannabis-research](https://coloradosph.cuanschutz.edu/research-and-practice/practice/cannabis-research)



<https://coloradosph.cuanschutz.edu/research-and-practice/practice/cannabis-research/resources>

Current Status of Project & Legislative Considerations

**Cathy J. Bradley, PhD
Professor & Dean, Colorado School of Public Health**

Colorado Cannabis Education, Research & Policy Project

Review Team Updates

Tianjing Li, PhD, MD, MHS,
Greg Tung, PhD, MPH

CME Updates

Ashley Brooks-Russell, PhD

Modern Cannabis, Modern Risks: Clinical Perspectives for Safer Practice Series

- 5-part series, approved for CME credits to reach clinicians and other providers in Colorado, as well as the general public
- Designed to share cutting-edge research and evidence for effective clinical practice, with attention to use of highly concentrated THC
- Thursdays starting Jan 29th through Feb 26th



Live Kickoff Event Recap: January 29th



- Director of the Addiction Institute at the Icahn School of Medicine at Mount Sinai, Dr. Yasmin Hurd, shared the latest science on cannabis with a focus on the brain, especially the effects on the developing brain, in childhood, and adolescence. She highlighted the risks from elevated THC concentrations in today's cannabis.
- Poster session with over 20 research and practice posters
- Over 145 attendees
- Produced in partnership with Department of Psychiatry and the Rocky Mountain Cannabis Research Center

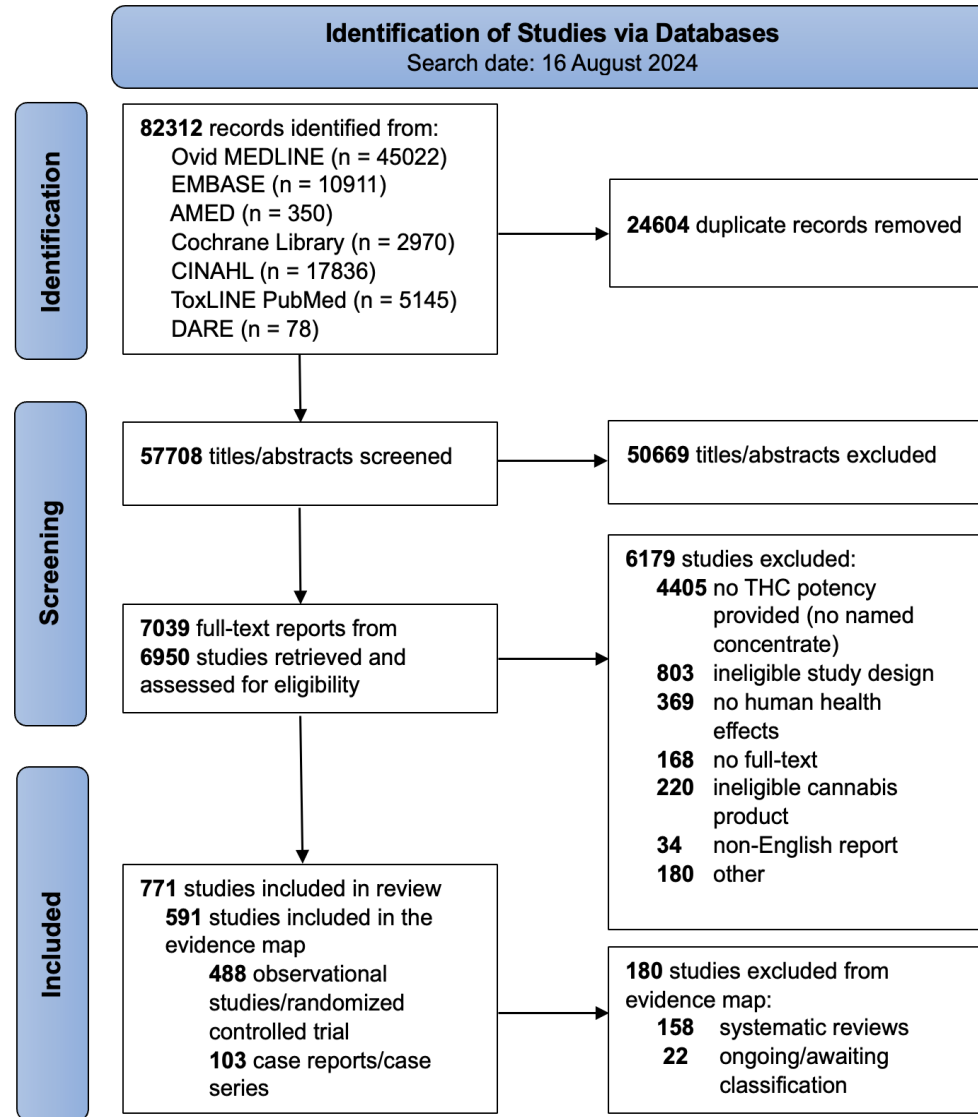
Virtual CME Events in February

- **Feb 5, 2026 — Cannabis Use in Older Adults: Implications for Cognitive, Physical, and Mental Health** - Kent Hutchison, PhD, Professor, CU Boulder
- **Feb 12, 2026 — Cannabis and the Developing Brain: Treatment Strategies for Adolescents —**
Jesse D. Hinckley, MD, PhD, Assoc Clinical Professor, CU SOM
- **Feb 19, 2026 - Navigating Perinatal Cannabis Use with Patients** - Jenn Leiferman, PhD, Professor, & Sarah Gelinas, MPH, PRA, Rocky Mountain Prevention Research Center
- **Feb 26, 2026 — You Can't Spell Healthcare Without "THC": Navigating Risk/Benefit Evaluation and Discussions with Your Patients** -Thida Thant, MD, Assoc Professor, CU SOM, Psychiatry

Registration required via QR below or by visiting [the events tab on the CO CERP website](#)



Scoping Review Studies



Scoping review 2025 update (August 16, 2024 to September 7, 2025)

Search results	9302
Unique records screened	5656
Excluded TiAb	5157
Included TiAb	499
Excluded FT	338
Included FT	161
Excluded Tableau (reviews, awaiting classification, ongoing)	97
Included Tableau (RCT, Obs, case reports)	64

Tableau at present (search date: August 16 2024)	591
Tableau with update (search date: September 7, 2025)	655

Education Campaign Updates

Annie Collier, PhD

Colorado Cannabis Education, Research & Policy Project

Motivational Interviewing (MI) for Families: Navigating Difficult Conversations About Cannabis



- Continued integration of MI approaches into Tea on THC website, social media posts, social influencer content creation
- Development of web curriculum offered through Tea on THC website

Using the Arts to Educate the Public About Risks Associated with Cannabis

Grow Up Youth Art Curriculum:

- Interest in art curriculum from recent continuing education poster event
- Program evaluation data for new manuscript
- Final curriculum available for dissemination soon

Hear/Say Exhibition:

- Save the dates:
 - May 29-31, 2026 at the Center for Creativity in Fort Collins
 - June 5-26, 2026, at the Cottonwood Center for the Arts in Colorado Springs
- Will include a community engaged art activity for art patrons



YOU'RE INVITED TO A
SCIENCE-INFORMED ART EXHIBITION

HEAR/SAY

Groundbreaking Art Exhibition Exploring the Effects of High-Concentration Cannabis

At the intersection of art, science, and health, a new exhibition is taking shape in **Fort Collins and Colorado Springs, Colorado**. Entitled *Hear/Say*, the exhibition features local and national artists exploring a scientific topic through an artistic lens, encouraging conversation and open-minded understanding on a controversial subject.

Join us on the Opening Night Receptions

	May 29, 2026	June 5, 2026
SAVE THE DATE	Center for Creativity 200 Mathews Street Fort Collins, CO 80524 6:00–8:00 PM <i>Art Exhibition Dates</i> May 29—May 31, 2026	Cottonwood Center for the Arts 427 E Colorado Ave, Colorado Springs, CO 80903 6:00–8:00 PM <i>Art Exhibition Dates</i> June 5—June 26, 2026



New Toolkits: Discussed at Future SRC

LGBTQ+ and
cannabis

Cannabis use
in older adults

Community Events and Outreach

- Participation in 16+ events for education and visibility across Colorado and nationally
- Expanded outreach through internal partners: CIELO and CHWE
- 2250+ in person contacts, material distribution, presentations and training
- Coming up: Training for Servicios De La Raza, community health fairs, material distribution and presentation for various industry leaders and LPHAs



Nov 2025

Colorado Cannabis
Research Roundtable

ASAC Health & Safety Summit -
CHWE

Jan 2026

2nd Annual Rhode Island
Cultivating Cannabis Awareness
Symposium

Modern Cannabis, Modern
Risks CME series live event

Dec 2025

Legislative Briefing

Feb 2026

CPHA Health Advocacy
and Policy Summit

Various community
health fairs with CIELO

Presentation for SAFE
Project - CHWE

Perinatal and Cannabis Well-being Project

- **Perinatal Well-being Cannabis Chatbot**

Chatbot finalized and positioned as a patient education tool for providers

- **Dissemination for Providers**

3 new professional events will be held over the next 4 months for providers



Manuscripts Under Review

Science-informed art exhibition (Hear/Say & Grow Up)

- Community art exhibitions, paired with scientific training for artists, significantly increased knowledge about high-concentration cannabis (HCC) among both artists and patrons.
Submitted by December 1, 2025 (Collier et al.)

High-concentration cannabis (HCC) demographic study

- Colorado survey found HCC users are younger, more likely male, non-heterosexual, and pregnant compared to traditional cannabis users and non-users, highlighting need for targeted prevention. *Submitted by December 1, 2025 (Giano et al.)*

Publications in Development

- Leiferman, Gelinas et al. Survey of Colorado adults showed cannabis use during pregnancy remains common despite potential harms to fetal development, emphasizing importance of tailored health messaging for pregnant and parenting people.
- Giano, Collier et al., Using latent profile analysis to investigate subgroups high concentration cannabis users and the associated beliefs, attitudes and knowledge of cannabis
- Collier, Giano, Corbett, et al. Practice report on learning outcomes in youth who received Grow Up cannabis education program
- Collier, Corbett, Giano et al. Sentiment analysis and social influencer strategy to increase cannabis education and support behavior change
- Hutchison, Li, Calcaterra, Bradley, Tung, Leslie & Collier: Systematic Review of the human health effects of concentrated THC products in an older adult population
- Tung et al: Annual Review of Public Health: Invitation to contribute a critical literature review of Implementation of Medical and Recreational Cannabis Laws in the United States: Policy Disconnects and Research Gaps
- Tung et al: CO CERP Policy update

Refereed Conference Presentations & Posters

Tung, G., Rubin, D., Samet, J., Bradley, C., Corbett, J., & Collier, A.F. (accepted, 2026). Colorado Cannabis Education, Research and Policy Project: A government - academic partnership to inform policy and educate the public about the harms associated with high concentration cannabis. *Association of Schools and Programs of Public Health 2026 Annual Meeting, Arlington, VA.*

Collier, A.F., Giano, Z., Anthony, T., Berry, A., Corbett, J., Rubin, D., Cappellino, M., Ralph, R., & Tung, G. (accepted, 2026). Science-informed art as a public health strategy: evaluation of an exhibition on high-concentration cannabis. *Modern Cannabis, Modern Risks Poster Session, Aurora, CO.*

Giano, Z., Tung, G., Leiferman, J. A., Bradley, C. A., Leiker, T., Rubin, D., & Collier, A. F. (accepted, 2026). Who uses high-concentration cannabis? A cross-sectional study in a U.S. legalized market. *Modern Cannabis, Modern Risks Poster Session, Aurora, CO.*

Updates from Initium Health

James Corbett, MDiv, JD
Initium Health

Agenda

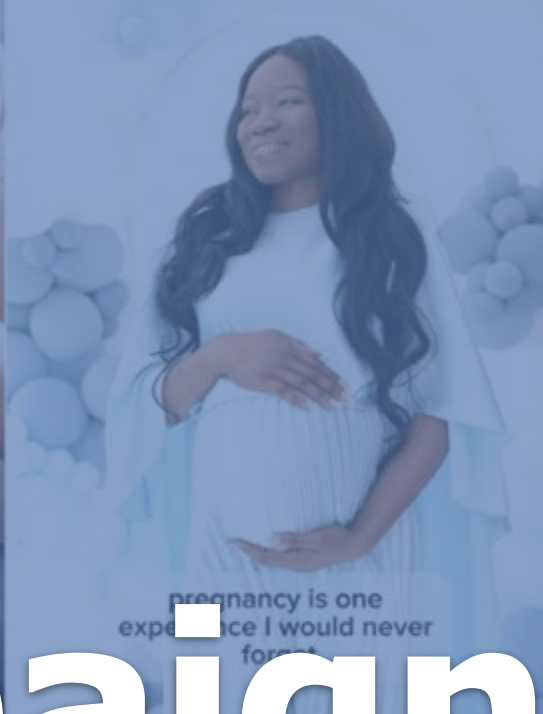
1. Campaign Metrics
2. Influencers
3. Newsletter
4. New Creative



Tea on THC

As the first state to legalize recreational low, high-concentration cannabis is more common—and more common ever.

Colorado School of Public Health launched Tea on THC to share trusted facts and research about recreational cannabis.



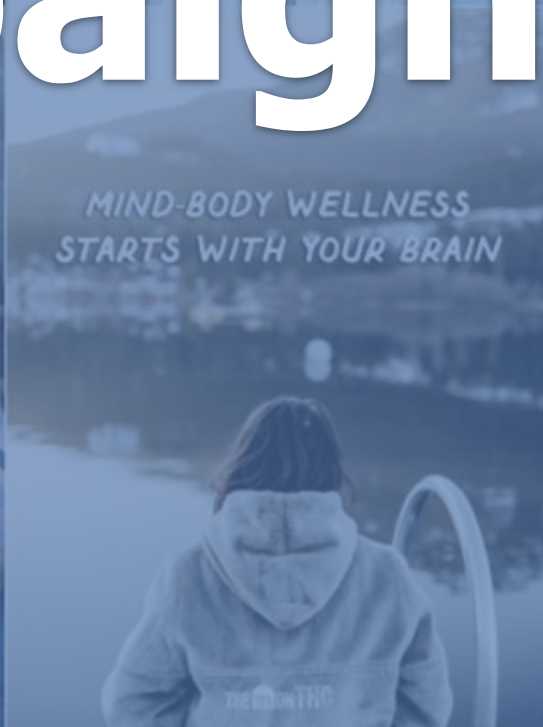
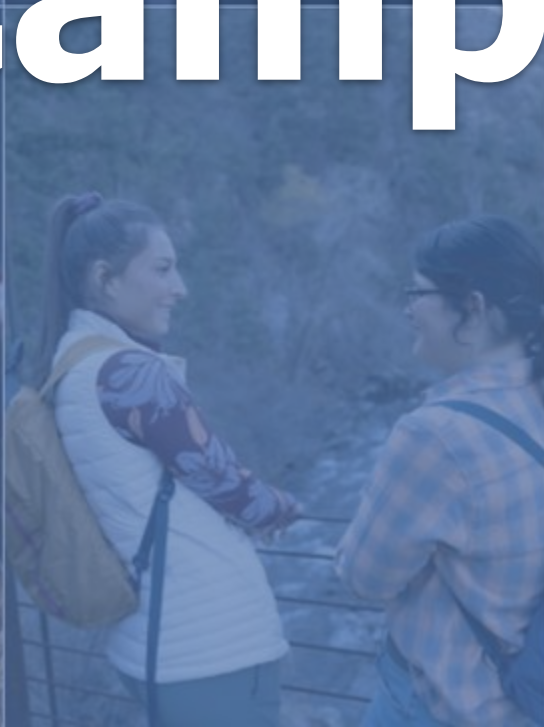
pregnancy is one
experience I would never
forget



Colorado Crisis
& Treatment Resources



Tea on THC
Campaign Overview



MIND-BODY WELLNESS
STARTS WITH YOUR BRAIN



2026 Ideas for NEW YEAR'S RESOLUTIONS

1. Give your brain time to reset and notice how your focus, sleep, and mood improve.
2. Replace cannabis use for stress with movement, journaling, or time outdoors.
3. Start open conversations about cannabis, without stigma.
4. Keep learning about high-concentration cannabis and how it affects your health.
5. Encourage loved ones to set their own goals around use and wellness.



Regular cannabis use in adolescence is associated with poorer performance on skills necessary for learning.
(American Academy of Pediatrics, 2024)

Campaign Metrics

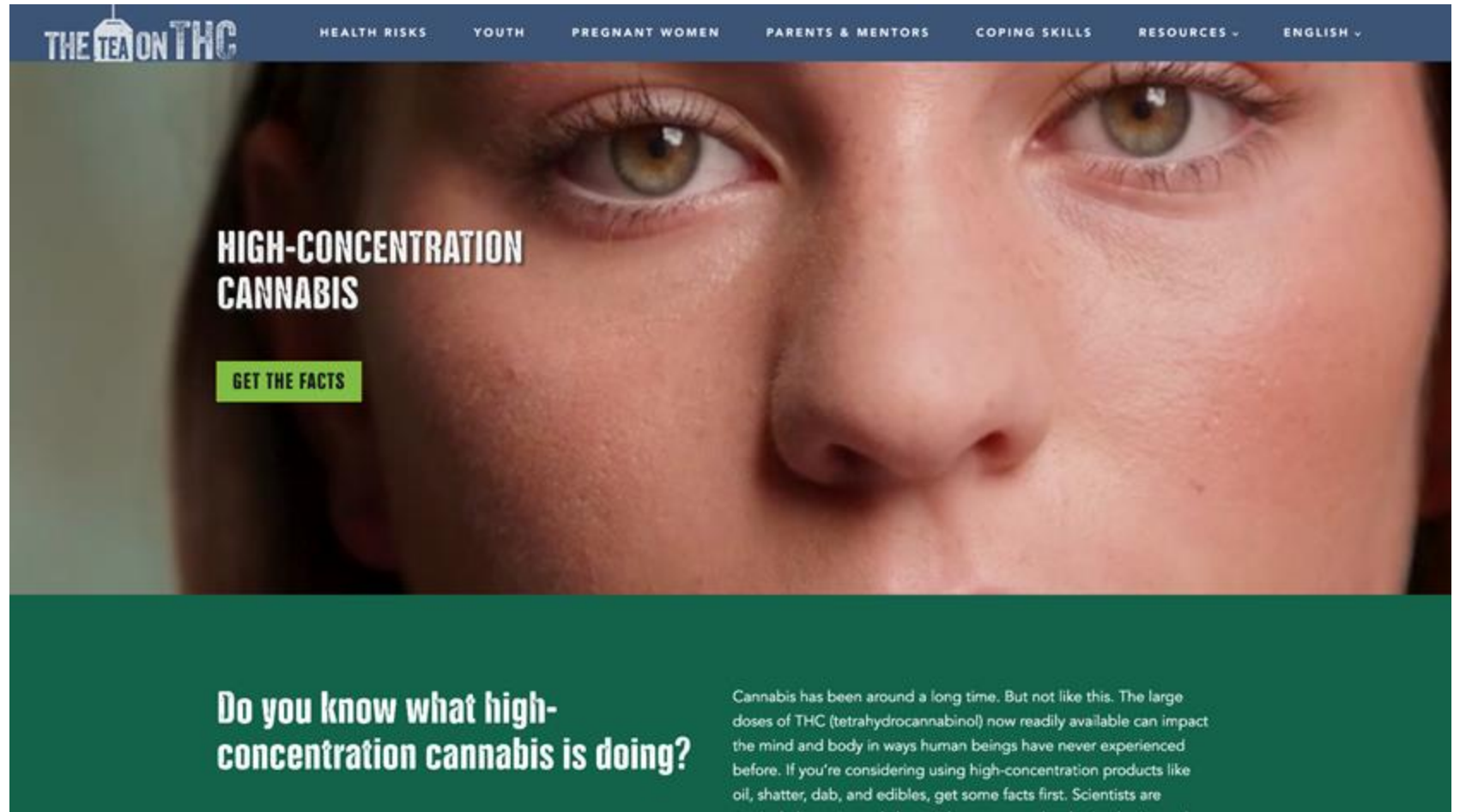
Website Visitors

342K+
Lifetime

46K+
November

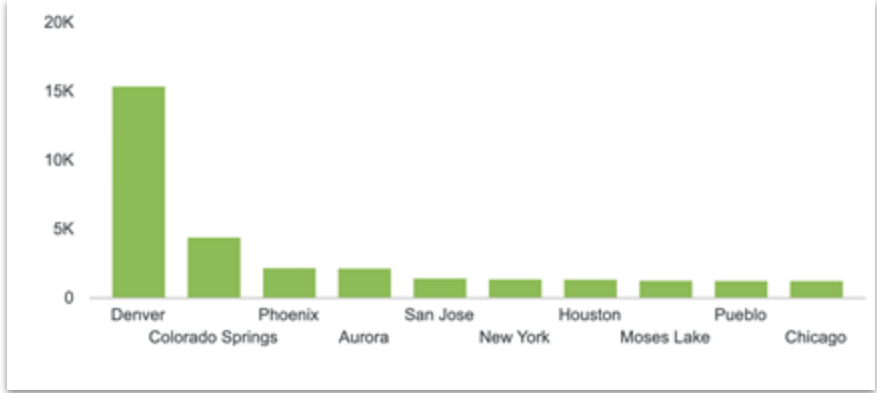
42K+
December

43K+
January



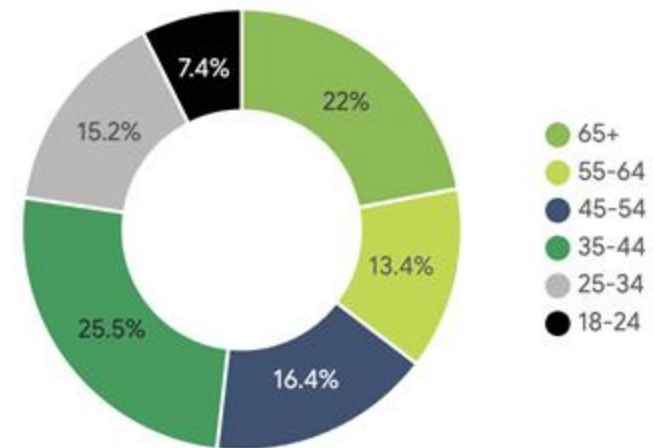
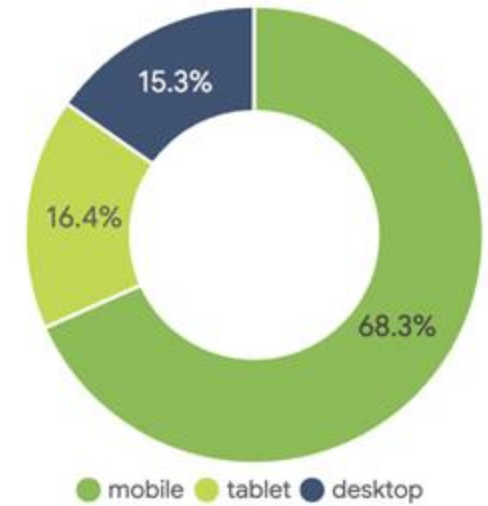
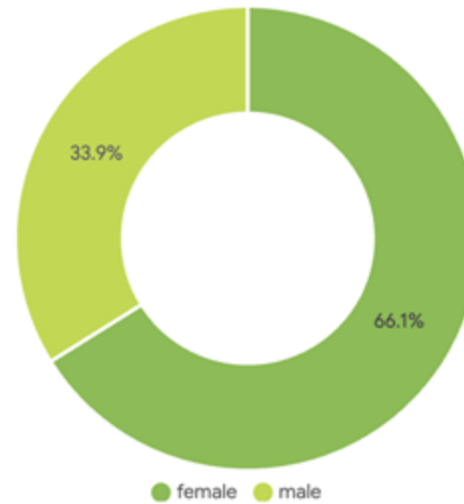
Website Views Traffic Locations

	November	December	January	February
1	Denver	Denver	Denver	Denver
2	CO Springs	San Jose	CO Springs	CO Springs
3	Aurora	Moses Lake	Phoenix	New York
4	Phoenix	CO Springs	Aurora	Phoenix
5	Pueblo	Des Moines	Hudson	Aurora
6	Lakewood	Phoenix	Chicago	San Jose
7	Thornton	Aurora	New York	Des Moines
8	Fort Collins	New York	Los Angeles	Hudson



Website Attributes

Nov–Present



Facebook & Instagram Performance

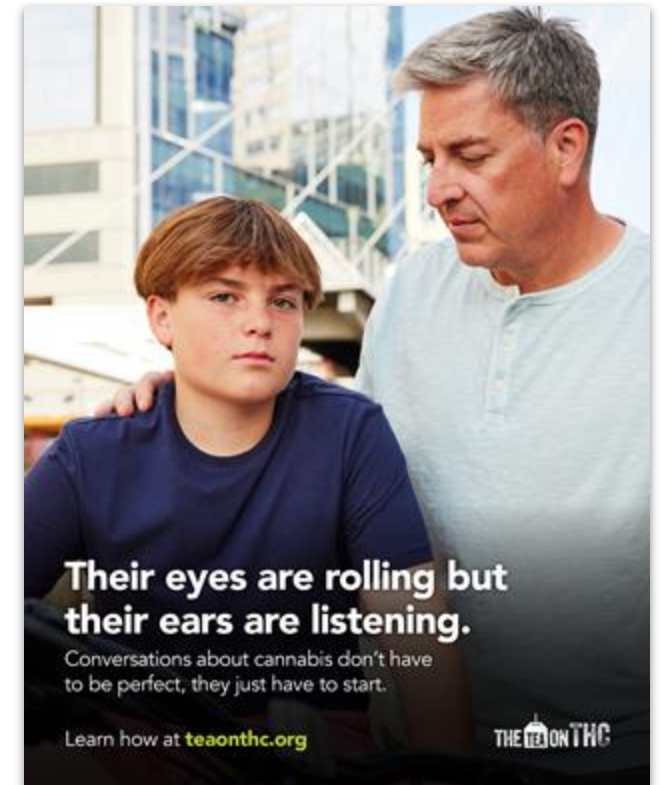


Nov–Present

2.5M+
Impressions

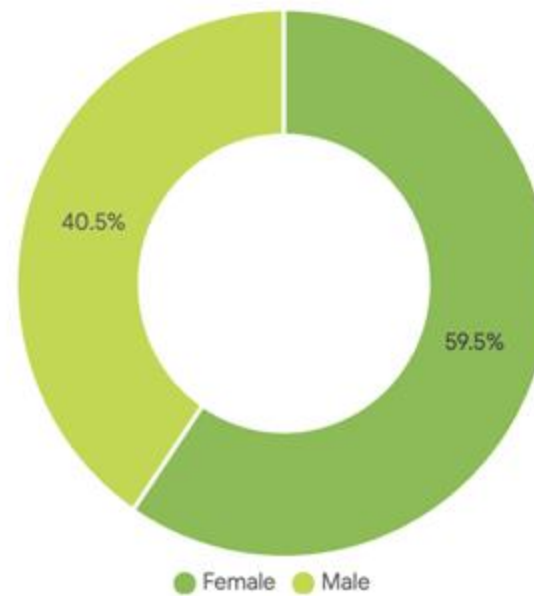
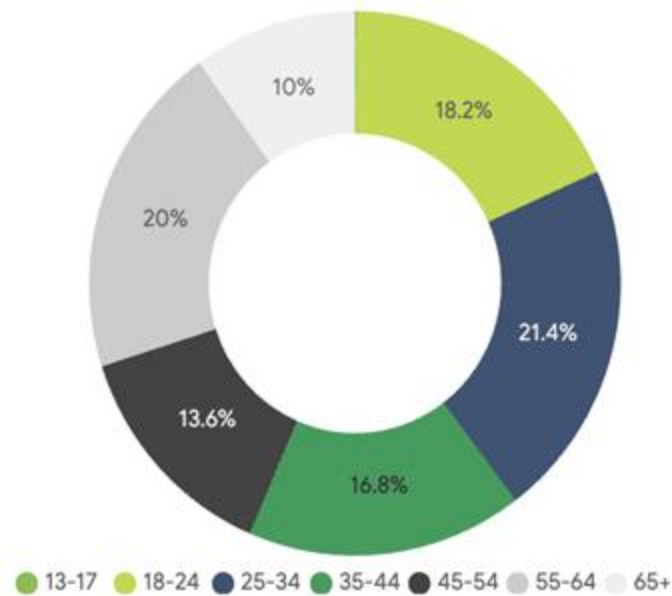
4.78%
CTR vs. 0.5%
benchmark

61K
Link clicks



Facebook & Instagram Audience

Nov–Present



TikTok Performance

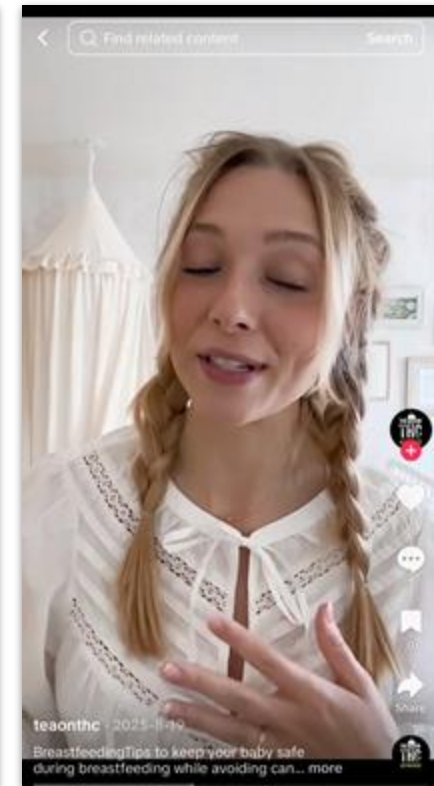
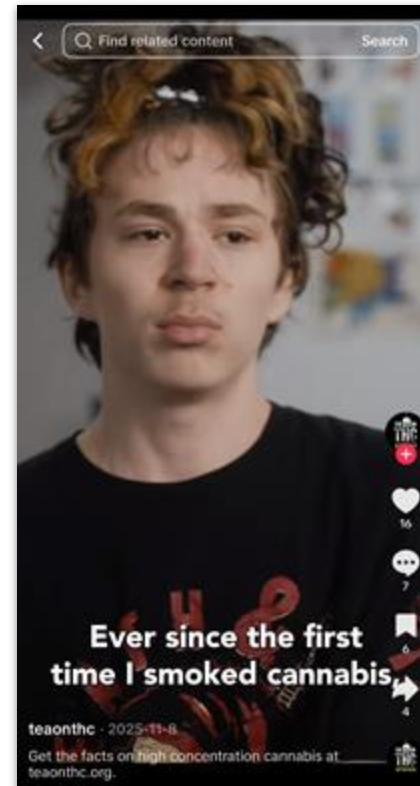


Nov–Present

3.1M+
Impressions

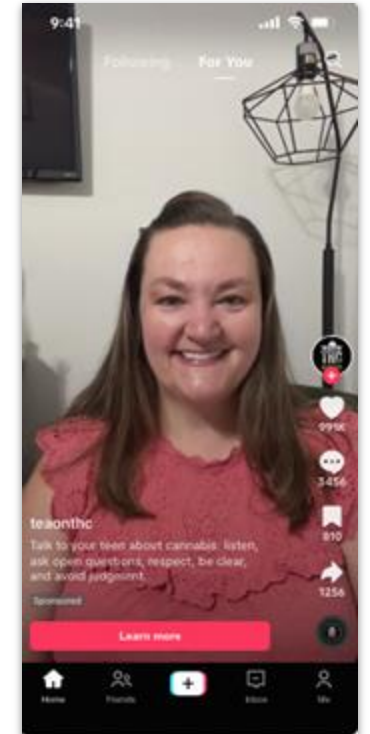
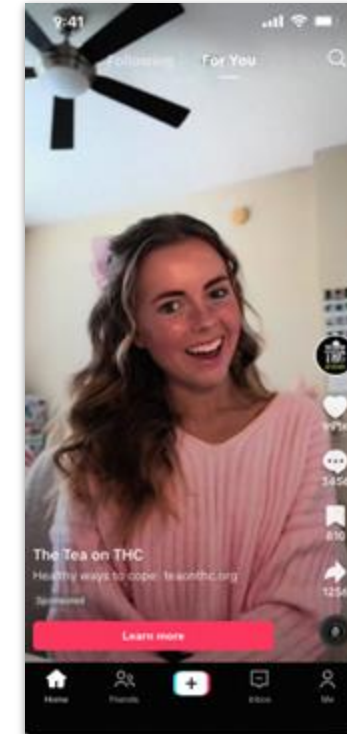
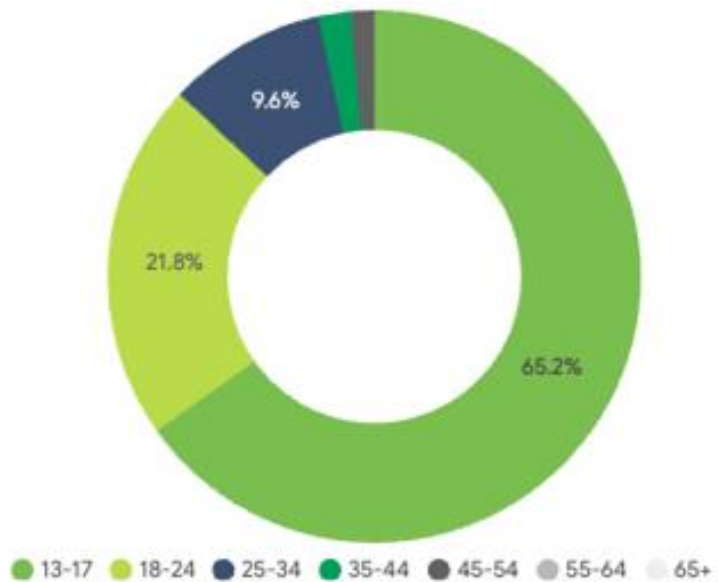
1.82%
CTR vs. 0.27%
benchmark

61K
Link clicks



TikTok Audience

Nov–Present



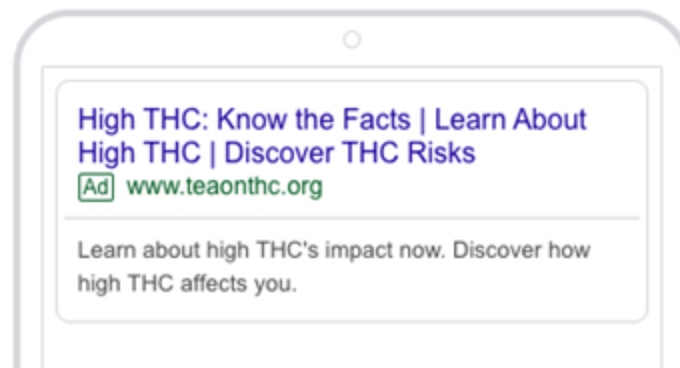
Google Performance

Nov–Present

2.6M+
Impressions

12.98%
CTR vs. 7.38
benchmark

45.8K
Link clicks



Top Google Searches

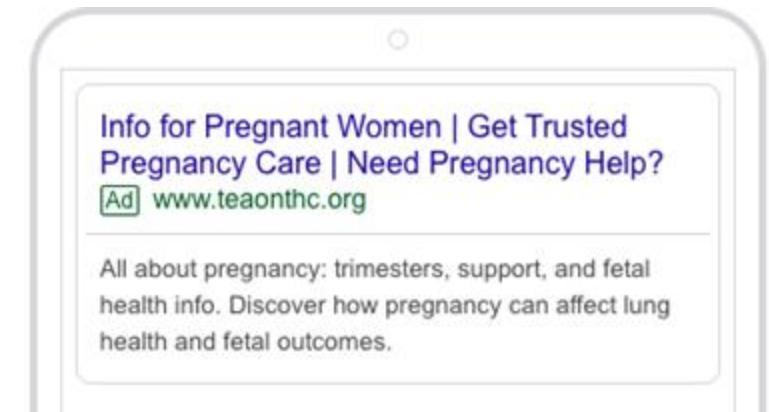
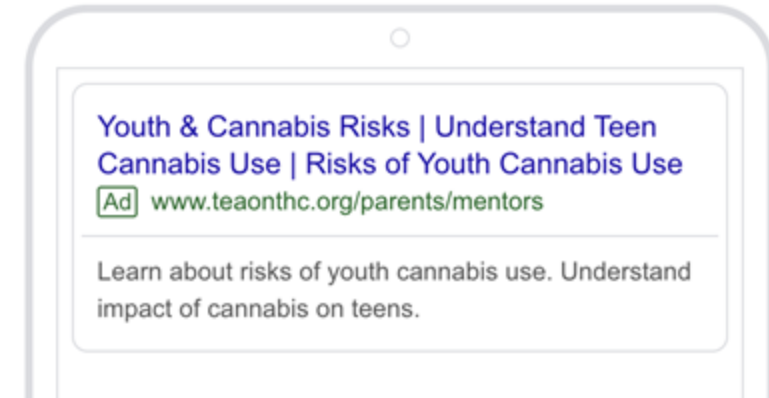
Nov–Present

Search Term

‘Remedies for mental illness’

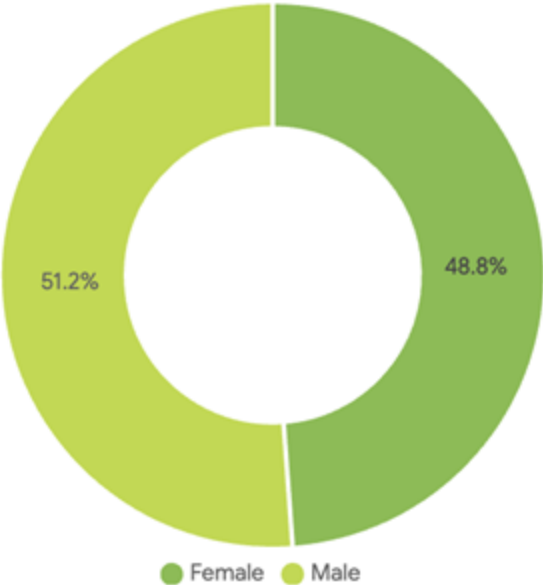
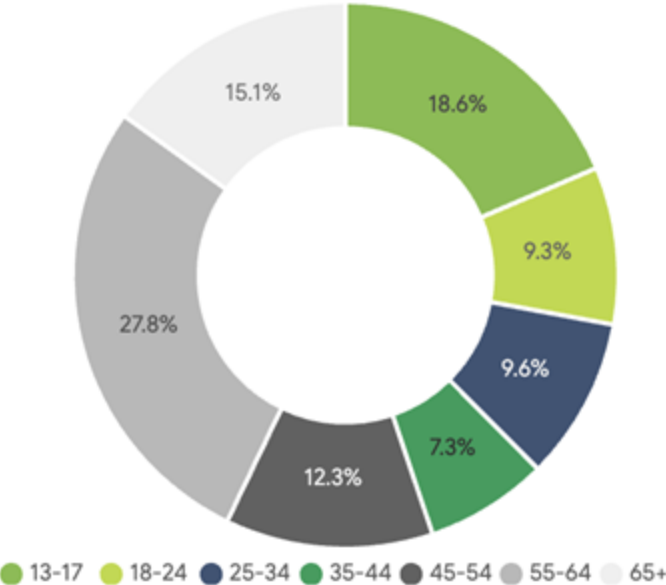
‘Things that are bad for your mental health’

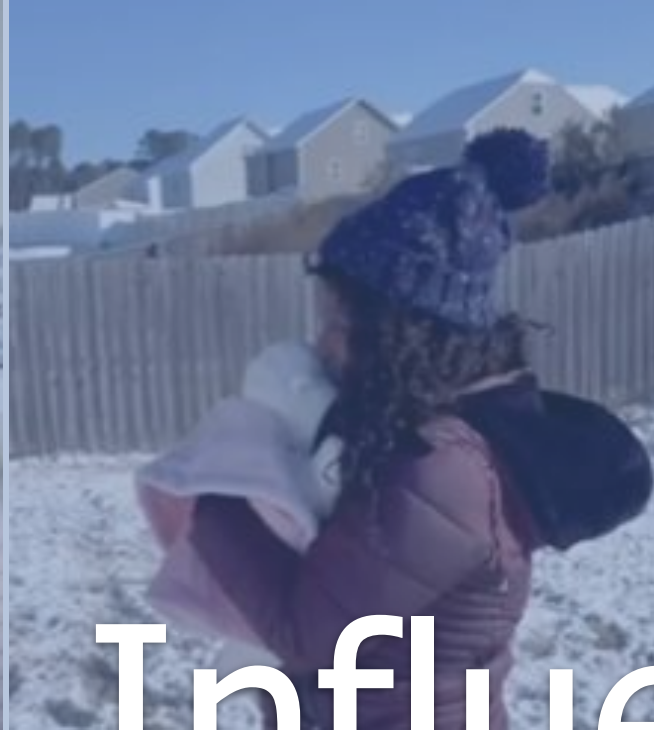
‘How to stop feeling lonely’



Google Audience

Nov–Present





Influencers

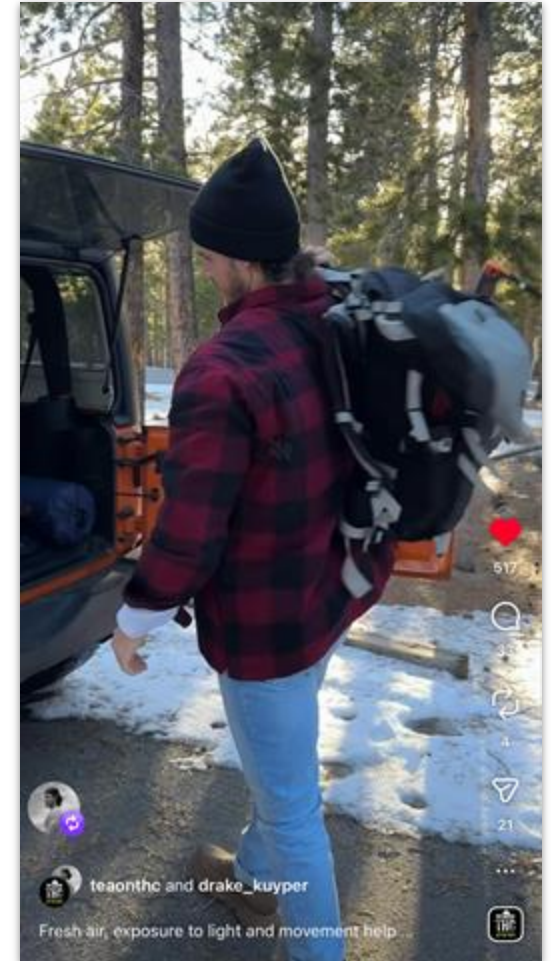
Influencer Metrics: Drake

66.7K+
Impressions

1.6K+
Link Clicks

632
Reactions

- CO-based outdoorsman focusing on life in the mountains, authenticity, self reflection, and healthy lifestyle choices.
- His content is a current top performer (engagement and website traffic) and resonated extremely well across CO Springs and Boulder.



[Link](#)

Influencer Metrics: Jacqueline

37.2K+
Impressions

1K+
Link Clicks

24
Likes

- Bilingual mom in Colorado focusing on parenting tips and postpartum wellness.
- Her video focused on addressing the myths around cannabis and pregnancy—she weaves the facts from the curricula (in Spanish and English) with clips of herself with her toddler and newborn.



[Link \(English\)](#), [Link \(Spanish\)](#)

Thank you for visiting the
Tea on THC booth at APHA 2025!

[LEARN MORE](#)

Thank you for taking the time to stop by our booth at the American Public Health Association Annual Meeting. We appreciated the opportunity to connect, share our work, and discuss emerging public health challenges related to highly concentrated cannabis products.

The Tea on THC campaign was created by the **Colorado School of Public Health** in response to a request from the Colorado General Assembly to review the scientific literature on the prevalence and health effects linked to use of concentrated THC products. To date, the research team has screened over 90,000 studies to elevate findings that guide policy recommendations and inform a statewide education campaign empowering youth, pregnant women, parents, mentors, educators, clinicians and community partners to make decisions about their health.

[LEARN MORE](#)

Newsletter

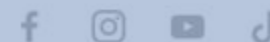
Upcoming Events

Modern Cannabis, Modern Risks:
Provider Perspectives for
Safer Practice Series

Parent/Mentor
Web-Based Curricula

[TAKE LESSON](#)

Questions or
Collaboration?

[EMAIL](#)[FOLLOW US FOR MORE](#)

The Tea on THC
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Newsletter

23,922

Total
Recipients

43.65%

Open Rate
Benchmark:
35%

5256

Website
Visitors



1.61%

Click Rate
Benchmark
1.29%

[GET THE FACTS](#)

Thank you for visiting the
Tea on THC booth at APHA 2025!

[LEARN MORE](#)

[GET THE FACTS](#)

There's more talk of cannabis than ever before.

[LEARN MORE](#)

Modern Cannabis, Modern Risks:
**Provider Perspectives for
Safer Practice Series**

A low-angle shot of a male rock climber in a red shirt and tan pants, wearing a yellow and black helmet, scaling a dark rock face. The climber is positioned on the left side of the frame, reaching upwards. The background shows a clear blue sky and some bare tree branches on the right. The text "New Creative" is overlaid in the center in a large, white, sans-serif font.

New Creative















Protect your tomorrow, today.

THC can affect memory, focus,
and motivation.





HEALTHY COPING

**Social connection helps
in tough moments.**

THE TEA ON
THC
GET THE FACTS.



GET THE FACTS.

Long-term cannabis use can lead to breathing problems including coughing, wheezing, and trouble with physical activity.

THE TEA ON
THC
GET THE FACTS.



**What's getting between
you and what you love?**

THC can affect memory, focus,
and motivation.





**Your future self is
counting on you.**

High-concentration cannabis and
daily use are linked to increased
risk of psychosis.

THE TEA ON
THC
GET THE FACTS.

SRC Discussion

Christopher E. Urbina, MD, MPH
Chair, CO CERP Project Scientific Review Council

Next Steps & Adjourn

Christopher E. Urbina, MD, MPH
Chair, CO CERP Project Scientific Review Council