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2025 Utah Medical Cannabis Market Analysis



Prepared For

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Executive Summary

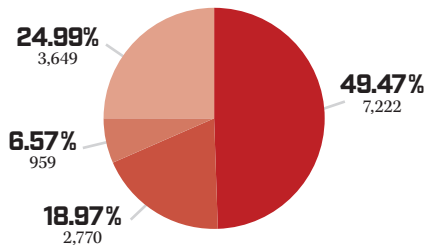
58%

n=2,116

Daily Therapeutic Reliance Rate

Utah’s Medical Cannabis Program, established by Proposition 2 in 2018, has grown substantially, nearing 100,000 registered cardholders by April 2025 and generating \$157 million in sales in 2024. Despite this growth, significant challenges persist in meeting patient needs and sustaining participation. A state-contracted survey of over 14,000 respondents across four groups—active cardholders, expired cardholders, medical cannabis users without a card, and non-users with qualifying conditions—revealed critical insights into program performance and barriers.

Among active cardholders, medical cannabis use is primarily driven by chronic pain, anxiety, and insomnia, with daily use reported by 58%. Most patients purchase from Utah medical cannabis pharmacies and express high satisfaction with product quality and accessibility. However, cost remains the most cited barrier, limiting optimal use and contributing to program attrition. Former cardholders identified high product prices and provider visit costs as leading reasons for non-renewal; notably, 41% continue using cannabis for medical purposes outside the program, often daily.



Survey Population

Data Snapshot - Referencing Table 1

A comprehensive analysis of **14,600 total respondents** across four distinct patient categories.

- Active Card
- Non-Registered
- Expired Card
- Non-Cannabis

Patient Experience & Primary Barrier


Data Snapshot - Referencing Table 1

High Satisfaction & Access

Utah Medical Cannabis

Product Quality Satisfaction 98%


Accessibility Satisfaction 74.5%




Most Who Purchase Locally are Satisfied

Cost: The #1 Barrier


(Limits Use & Increases Attrition)



Limits Optimal Use



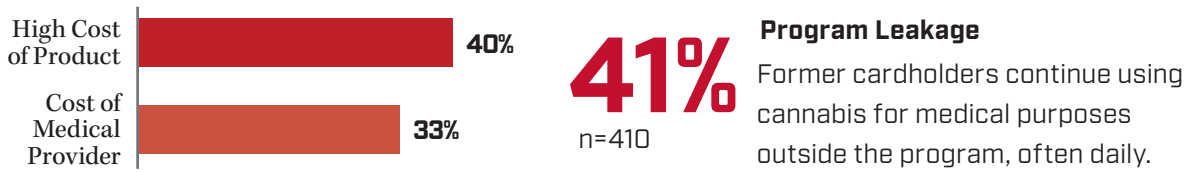
HIGH COST



Program Attrition

Reasons for Non-Renewal & Attrition

Data Snapshot - Referencing Table 14

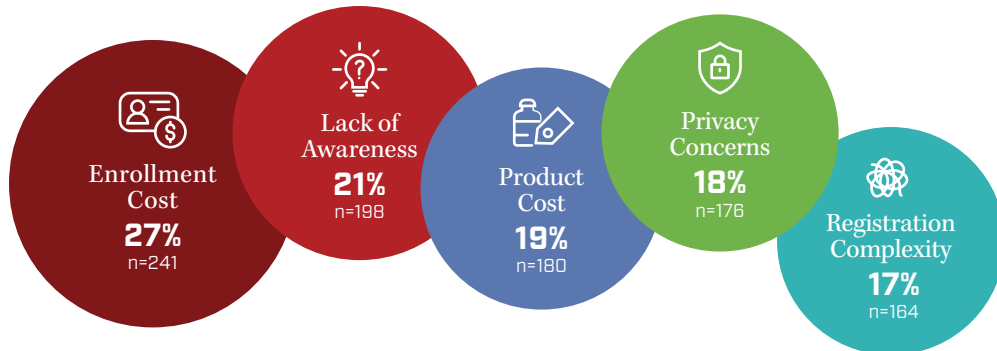


Non-registered users reported similar therapeutic goals but avoided enrollment due to financial burden, lack of awareness, and administrative complexity. Many obtain cannabis for medical purposes from out-of-state sources. Among non-users with qualifying conditions, low program awareness and uncertainty about medical cannabis efficacy were primary deterrents.

Overall, findings indicate that financial barriers, legal restrictions (e.g., smoking prohibition, home cultivation ban), and limited public awareness significantly impact program engagement. Addressing these issues through policy adjustments and targeted education could enhance access, reduce reliance on illicit sources, and strengthen Utah’s regulated medical cannabis framework.

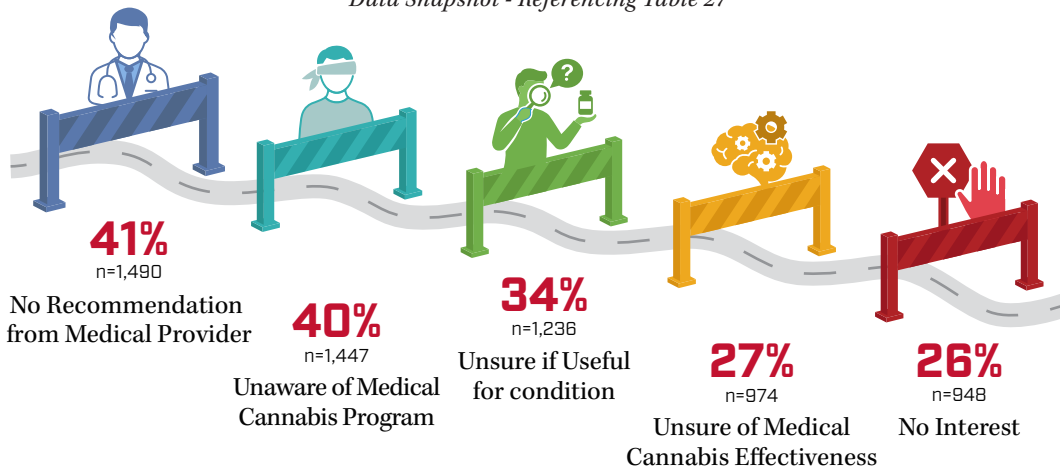
Barriers to Utah Medical Cannabis Program Enrollment

Data Snapshot - Referencing Table 24



Barriers to Adoption Among Non-Cannabis Users

Data Snapshot - Referencing Table 27



Medical Cannabis Outcome Research and Evaluation

Introduction

Medical cannabis programs have grown rapidly across the United States, with enrollment increasing 4.5-fold between 2016 and 2020. However, participation has declined in some states that allow adult-use “recreational” cannabis.¹ In Utah, voters approved the Medical Cannabis Act in November 2018, granting access to non-smoking cannabis products for patients with qualifying conditions.² By April 2025, Utah’s medical cannabis program neared 100,000 registered cardholders, driven by policy updates such as extending renewal periods from six months to one year and expanding provider involvement.³ In addition, the state of Utah reported approximately \$157 million in medical cannabis sales in 2024—a 14% increase compared to the previous year.^{3,4}

Although Utah’s medical cannabis program has increased in size, recent evidence suggests ongoing challenges in meeting patient demand. Utah’s previous market analysis completed in 2024 revealed that about 60% of cannabis used by medical cannabis patients is obtained from illicit or out-of-state sources, while only 40% comes from licensed medical cannabis pharmacies.⁵ Many patients reported traveling to nearby states, such as Colorado or Nevada, largely

due to lower prices and preferred product options,⁵ bringing into question if, despite the existing supply, economic and competitive factors might be weakening Utah’s regulated market. Such illicit use and out of state sourcing also raises possible questions related to possible barriers of access to the program and the medical cannabis pharmacies (barriers such as distance or number of available pharmacies), satisfaction with the existing products and services available, and knowing the degree to which the public is aware of the medical cannabis program as an option for alternative therapy, thus necessitating further research into the frequency and degree of illicit purchase and use.

This state-contracted survey sought to create a better understanding related to patient engagement with the Utah Medical Cannabis Program and the Utah medical cannabis industry. This study was designed to provide detailed data on patient experiences, preferences, purchasing patterns from legal and illicit sources, and unmet needs within Utah’s medical cannabis landscape, thus delivering actionable insights for state agencies to optimize policy, improve access, and reduce reliance on unregulated sources.

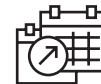
Quantitative Analysis of Utah’s Medical Cannabis Market



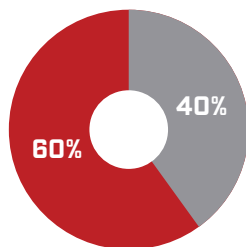
4.5x National Enrollment Increase (2016-2020)



100,000 Registered Utah Cardholders



\$157M Annual Sales (14% YoY Growth)



2024 Survey-Reported Market Leakage

Licensed Pharmacies vs. Unregulated Sourcing

- Licensed Utah Pharmacies
- Unlicensed or Out-of-State Sources



Medical Cannabis Outcome Research and Evaluation

Methods

Design, Participants, and Procedure

This study used a cross-sectional, one time, survey to evaluate Utah’s medical cannabis market. The approach relied on an online survey to gather responses from a broad group of adults in Utah. This design minimized participant burden while promoting population-level insights.

Participants recruited for this survey were adults (18+) that currently lived in Utah at the time of their completion of the survey. Specifically, the survey targeted participants who were either registered (currently or previously) in the Utah Medical Cannabis Program or adults that had conditions that could qualify them to be in the program, but who were not in the program. Upon being contacted via email, participants were informed of the purpose and risks of the survey and were given information on how to opt-out or get more information. Participants were excluded from participation if they indicated they were younger than 18, pregnant, or had current involvement in the criminal justice system. Potential participants were made aware of the survey by advertisements in local medical cannabis pharmacies as well as through email. These methods allowed over 250,000 Utahns to be invited to respond to the survey.

Email addresses were acquired from two sources. The Utah Center for Medical Cannabis at the Department of Health and Human Services provided 153,376

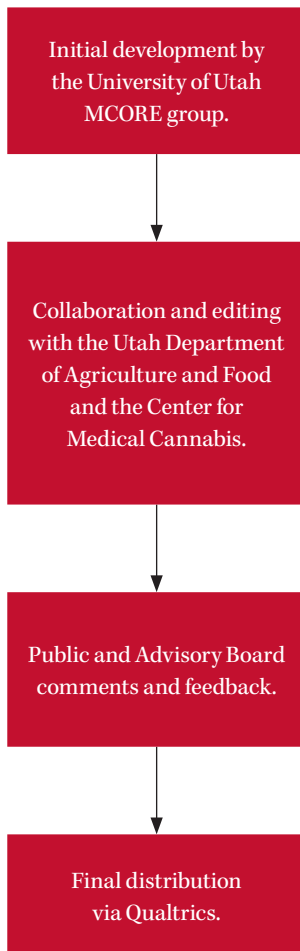
email addresses (71,251 active card holders and 82,125 patients with expired cards). The transfer of information was covered under a contract and data use agreement between the two entities. The email addresses for people that were not registered in the Utah Medical Cannabis Program were acquired through the University of Utah Health System Medical Records. The study team requested email addresses of patients in the University of Utah Health system based on ICD-10 codes of all conditions listed as qualifying conditions for a medical cannabis card in Utah.

The search was limited to patients that completed appointments within the previous 6 months in order to roughly match the number of email addresses provided by the state. This email list from the University of Utah Health system included 98,520 patients. A total of three rounds of emails were sent to participants from November 5 to December 22, 2025. An optional raffle to incentivize taking the survey was offered and included one prize of \$500 and two prizes of \$250 gift cards.

This survey was determined to be exempt by the University of Utah Institutional Review Board and the Utah Department of Health and Human Services Institutional Review Board. Under federal guidelines, the study qualified for exemption from human subjects research review because it involves anonymous surveys with minimal risk.

Assessment

Collaborative Process



The survey was developed using a cooperative process and went through multiple iterations. It was initially developed by the research team at the University of Utah Medical Cannabis Outcome Research and Evaluation (MCORE) group in collaboration with the Utah Department of Agriculture and Food and the Department of Health and Human Services Center for Medical Cannabis. With the drafts, all teams contributed to editing, feedback, and various improvements to the survey. The survey was also presented at the Medical Cannabis Policy Advisory Board meeting for board and public comments and feedback, which were included before distribution.

In terms of the survey language, the survey was edited to be readable on an 8th grade literacy level. Data collection was conducted entirely online through the Qualtrics platform. The full instrument is provided in Appendix 1.

The survey was designed to gather information from four populations that are relevant to the medical cannabis market within Utah. The first group was the active cannabis cardholders' group, and questions were designed to gather information about medical conditions, program experience,

satisfaction with pharmacies and products, medical cannabis use, opinion on laws, and demographics.

The second group was patients that were previously registered in the medical cannabis program but who have let their card expire and cannot legally purchase or possess medical cannabis. Questions for this group focused on reasons for not renewing, medical cannabis use, medical conditions, previous program experience, and previous satisfaction with pharmacies and products.

The third group included people that are not registered in the medical cannabis program but self-report using cannabis for medical purposes. This survey focused on reasons for not accessing the program, medical cannabis use, and medical conditions.

The final group was people that have the medical conditions that could qualify them for a medical cannabis card, but they are not registered in the program. This survey focused on medical conditions, reasons for not using medical cannabis, and reasons for not accessing the medical cannabis program.



Analysis

Data Management & Statistical Analysis

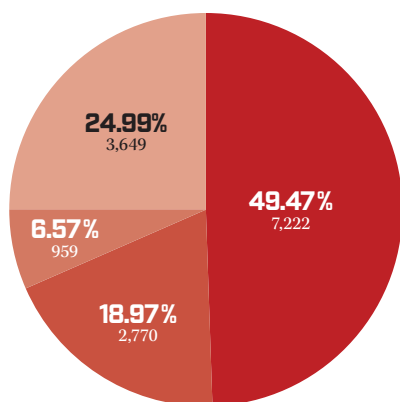
Survey data was exported from Qualtrics and cleaned and analyzed by the study team. Analyses were primarily descriptive in nature. Categorical variables, such as use preferences of medical cannabis or barriers to access, were analyzed as frequencies and percentages. Means were calculated for continuous variables, such as age or distance in minutes to a medical cannabis pharmacy.

For each question, the responses are presented in the same order as the survey. The top one of three responses with the highest percentages are presented in bold, excluding "other" as an option.

Results

We received responses to the survey from the following groups: 1) Active Card: patients with current and active medical cannabis cards provided 7,222 responses, 2) Expired Card: patients with expired medical cannabis cards provided 2,770 responses, 3) Non-Registered: individuals who use cannabis for medical purposes

but do not have a medical cannabis card provided 959 responses, and 4) Non-Cannabis: patients with the same qualifying conditions as the medical cannabis card holders but that do not currently use medical cannabis provided 3,649 responses.



Survey Population

A comprehensive analysis of **14,600 total respondents** across four distinct patient categories.

- Active Card
- Expired Card
- Non-Registered
- Non-Cannabis



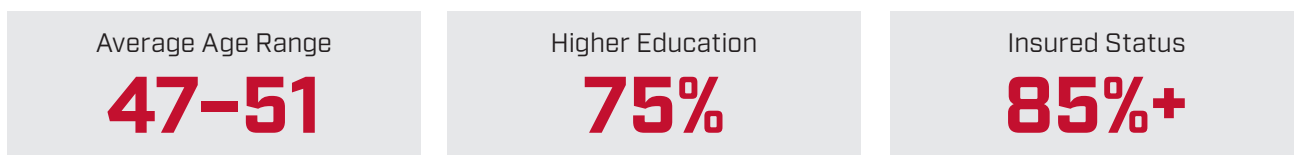
Demographics

The demographics for all survey respondents are listed below in **Table 1** (N=14,600). The average age of those with current or former medical cannabis use was 47 years of age (Active Card: 47 ± 15 years; Expired Card: 47 ± 15; Non-Registered 47 ± 18 [± = standard deviation]) and for the Non-Cannabis group was 51 years of age (± 18). For comparison, the percent of current medical cannabis card holders within the 41-50 years old range is 22.4%. Current and previous cardholders were roughly equal between males and females (Active Card: 46% male n=3,292, Expired Card: 44% male n=1,209), while non-cardholders were primarily female (Non-Registered: 52% n=503, Non-Cannabis: 52% n=1,913). All groups were predominantly white (Active Card: 78% n=5,598, Expired Card: 76% n=2,089,

Non-Registered: 78% n=749, Non-Cannabis: 80% n=2,897) and non-Hispanic (Active Card: 93% n=6,735, Expired Card: 94% n=2,592, Non-Registered: 91% n=870, Non-Cannabis: 93% n=3,409). The majority of survey participants had greater than a high school education (Active Card: 75% n=5,416, Expired Card: 75% n=2,068, Non-Registered: 76% n=731, Non-Cannabis: 83% n=3,044) and had health insurance (Active Card: 82% n=5,948, Expired Card: 79% n=2,190, Non-Registered: 89% n=857, Non-Cannabis: 91% n=3,334). Employment consisted of primarily working full time (Active Card: 49% n=3,539, Expired Card: 43% n=1,202, Non-Registered: 44% n=420, Non-Cannabis: 44% n=1,597).

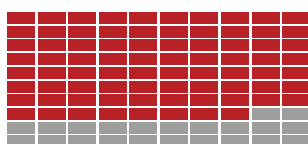
Data Management & Statistical Analysis [N=14,600]

Data Snapshot - Referencing Table 5

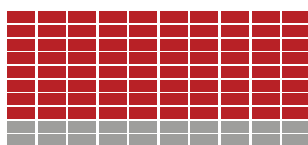


Respondent Profile

Race & Ethnicity



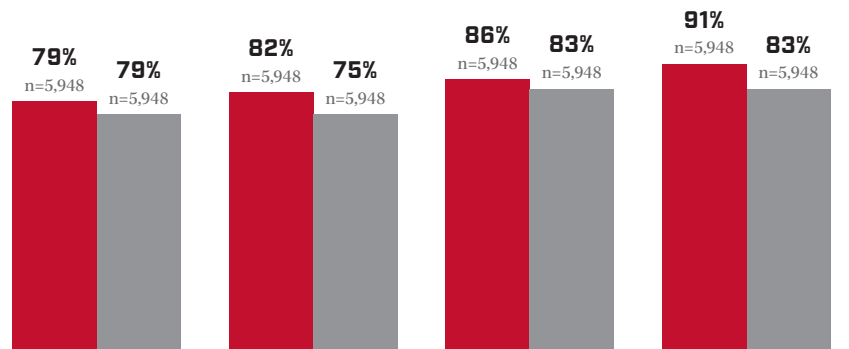
Active Card **78%**



Non-Cannabis **80%**

■ White ■ Other

Socio-Economic Indicators



■ Health Insurance ■ Higher Education



Medical Cannabis Outcome Research and Evaluation

Table 1
All Survey Respondent Demographics

Demographics	Active Card	Expired Card	Non-Registered	Non-Cannabis
	N = 7,222	N = 2,770	N = 959	N = 3,649
Age	47 ± 15	47 ± 15	47 ± 18	51 ± 18
Gender				
Female	3,039 (42%)	1,197 (43%)	503 (52%)	1,913 (52%)
Male	3,292 (46%)	1,209 (44%)	366 (38%)	1,428 (39%)
Other	115 (1.6%)	37 (1.3%)	16 (1.7%)	34 (0.9%)
Prefer not to answer	118 (1.6%)	35 (1.3%)	14 (1.5%)	34 (0.9%)
Did not provide answer	658 (9.1%)	292 (11%)	60 (6.3%)	240 (6.6%)
Race				
White	5,598 (78%)	2,089 (76%)	749 (78%)	2,897 (80%)
Black/African American	80 (1.1%)	41 (1.5%)	10 (1.0%)	44 (1.2%)
Asian	84 (1.2%)	39 (1.4%)	18 (1.9%)	99 (2.7%)
American Indian/Alaska Native	131 (1.8%)	53 (1.9%)	24 (2.5%)	49 (1.4%)
Native Hawaiian/Pacific Islander	50 (0.7%)	14 (0.5%)	11 (1.2%)	20 (0.6%)
Some other race or ethnicity	34 (0.5%)	22 (0.8%)	6 (0.6%)	28 (0.8%)
Prefer not to answer	279 (3.9%)	101 (3.7%)	21 (2.2%)	111 (3.1%)
Did not provide answer	951 (13%)	402 (15%)	117 (12%)	380 (10%)
Ethnicity				
Hispanic/Latino/a/x	487 (6.7%)	178 (6.4%)	89 (9.3%)	240 (6.6%)
Not Hispanic or Latino	6,735 (93%)	2,592 (94%)	870 (91%)	3,409 (93%)
Education				
Less than high school	76 (1.1%)	38 (1.4%)	16 (1.7%)	38 (1.0%)
High school diploma or GED	978 (14%)	337 (12%)	145 (15%)	295 (8.1%)
Some college or trade school	1,819 (25%)	680 (25%)	233 (24%)	646 (18%)
Associate degree or completed trade school	1,035 (14%)	389 (14%)	115 (12%)	344 (9.4%)
Bachelor's degree	1,599 (22%)	608 (22%)	213 (22%)	1,024 (28%)
Master's degree	749 (10%)	309 (11%)	135 (14%)	693 (19%)



Table 1 (continued)

Demographics	Active Card	Expired Card	Non-Registered	Non-Cannabis
	N = 7,222	N = 2,770	N = 959	N = 3,649
Doctoral degree	214 (3.0%)	82 (3.0%)	35 (3.6%)	337 (9.2%)
Prefer not to answer	94 (1.3%)	35 (1.3%)	7 (0.7%)	32 (0.9%)
Did not provide answer	658 (9.1%)	292 (11%)	60 (6.3%)	240 (6.6%)
Employment				
Working full time	3,539 (49%)	1,202 (43%)	420 (44%)	1,597 (44%)
Working part time	494 (6.8%)	211 (7.6%)	78 (8.1%)	294 (8.1%)
Temporarily laid off, sick leave, or parental leave	72 (1.0%)	53 (1.9%)	10 (1.0%)	24 (0.7%)
Looking for work	183 (2.5%)	92 (3.3%)	32 (3.3%)	78 (2.1%)
Retired	1,100 (15%)	392 (14%)	178 (19%)	872 (24%)
Disabled (permanent or temporary)	693 (9.6%)	300 (11%)	99 (10%)	200 (5.5%)
Student	70 (1.0%)	32 (1.2%)	26 (2.7%)	105 (2.9%)
Keeping house	182 (2.5%)	89 (3.2%)	19 (2.0%)	102 (2.8%)
Other	139 (1.9%)	63 (2.3%)	27 (2.8%)	98 (2.7%)
Prefer not to answer	92 (1.3%)	44 (1.6%)	10 (1.0%)	39 (1.1%)
Did not provide answer	658 (9.1%)	292 (11%)	60 (6.3%)	240 (6.6%)
Insurance				
Yes	5,948 (82%)	2,190 (79%)	857 (89%)	3,334 (91%)
No	511 (7.1%)	251 (9.1%)	35 (3.6%)	47 (1.3%)
Prefer not to answer	102 (1.4%)	36 (1.3%)	7 (0.7%)	26 (0.7%)
Did not provide answer	661 (9.2%)	293 (11%)	60 (6.3%)	242 (6.6%)

± indicates standard deviation of the mean

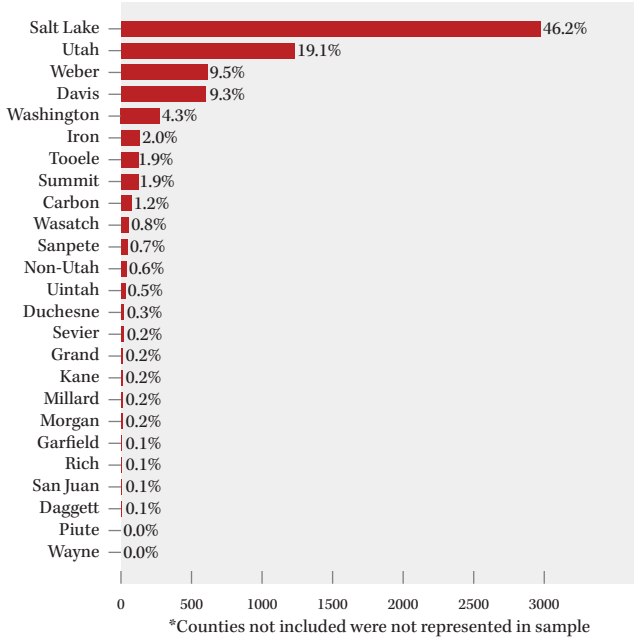
Participant Residency by County

The majority of respondents in all four groups indicated they were from Salt Lake County (Active Card: 46.2%, Expired Card: 38.1%, Non-Registered: 46.8%, Non-Cannabis: 70.3%). However, Utah County

was the second most frequent county for participants with active (19.1%) or expired (14.4%) cards while Davis County was the second most frequent for non-registered (20.4%) and non-cannabis (14.7%) participants.

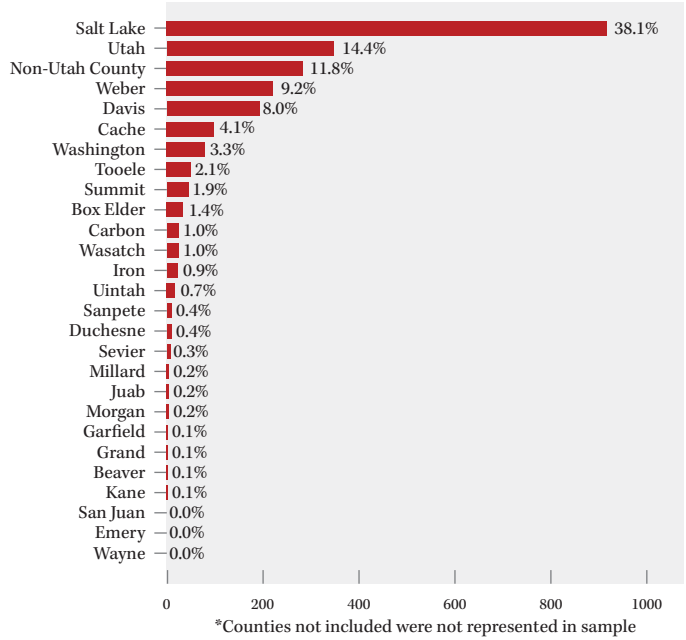
Active Card

N=7,222



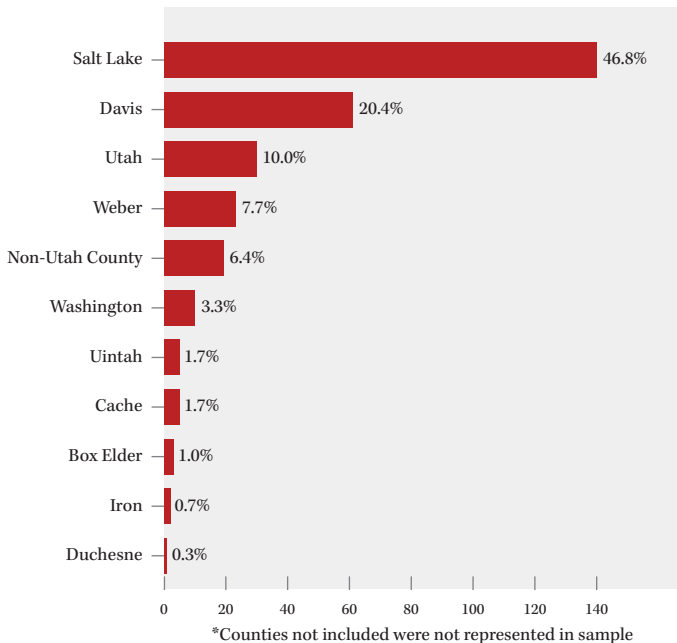
Expired Card

N=2,770



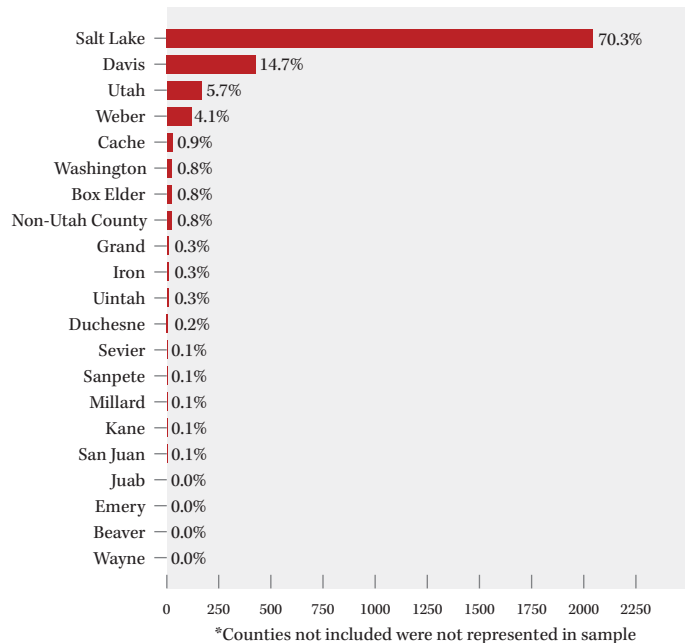
Non-Registered

N=959



Non-Cannabis

N=3,649



Active Card

The first survey was intended for participants that have a current medical cannabis card in Utah. This survey aimed to understand medical conditions, program

experience, satisfaction with pharmacies and products, medical cannabis use, and opinion on laws.

Registration Status



When asked if registered as a patient or a caregiver, over **99%** of survey respondents reported they were registered in the medical cannabis program as a patient rather than a caregiver (**Table 2**).

Table 2

Medical Cannabis Program Registration

Question	Active Card % Response
	N = 7,222
How were you registered in the Utah medical cannabis program?	
Caregiver (Please answer the following survey on behalf of the patient)	21 (0.3%)*
Patient	6,903 (99.7%)*
Did not respond	298

* % based on known answers

Provider Recommendations

Participants were asked about what information they received from their medical providers when they initially registered for the program (**Table 3**). During registration, respondents reported receiving a range of types of information from their recommending providers regarding medical cannabis use. The most frequently discussed topic was avoiding driving while using medical cannabis, reported by 64% (n=4,652) of respondents. Providers also commonly addressed possible side effects (61%, n=4,423) and methods of

use, such as eating or inhaling medical cannabis (58%, n=4,185). Less frequently, but still for a substantial proportion of respondents, providers discussed how often to use medical cannabis (44%, n=3,204), recommended specific THC:CBD ratios (43%, n=3,135), and safe storage practices (40%, n=2,924). Guidance on how much medical cannabis to use was reported by 37% (n=2,644) of respondents, and 35% (n=2,553) indicated that their providers discussed potential needed changes to other medications.



Information Provided by Medical Providers

The Clinical Dialogue and Scope of Patient Education

Data Snapshot - Referencing Table 3

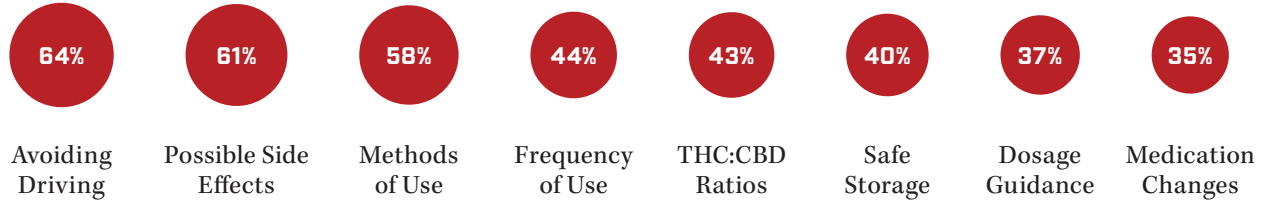


Table 3

Medical Cannabis Provider Recommendations

Question	Active Card % Response
N = 7,222	
When getting certified for a card, which of the following did your recommending medical provider offer information about? Choose all that apply.	
Recommended specific brands	1,107 (15%)
How often to use medical cannabis	3,204 (44%)
Possible side effects	4,423 (61%)
Safe storage of medical cannabis	2,924 (40%)
Recommend CBD:THC ratios for your condition(s)	3,135 (43%)
Method of use (eating, inhaling, etc.)	4,185 (58%)
How much cannabis to use	2,644 (37%)
Avoid driving while using cannabis	4,652 (64%)
Possible changes to other medications	2,553 (35%)
My provider did not give any guidance	439 (6.1%)
I don't remember	494 (6.8%)
Prefer not to answer	124 (1.7%)
Other	298 (4.1%)



Medical Conditions

When asked about their medical conditions for using medical cannabis (**Table 4**), respondents most often cited pain-related and mental health-related conditions. Chronic pain was the most common indication, reported by 63% (n=4,546) of respondents, followed by anxiety (51%, n=3,652), insomnia or other sleep problems (50%, n=3,632), and acute pain (47%, n=3,400). Beyond these, respondents also described using

medical cannabis for depression (37%, n= 2,654) and post-traumatic stress disorder (26%, n= 1,910). Medical cannabis was also used to manage arthritis (24%, n=1,753) or attention deficient hyperactivity disorder (15%, n= 1,109), and 16% (n=1,182) of respondents reported using medical cannabis as a strategy to reduce their use of other substances.

Table 4

Medical Conditions

Question	Active Card % Response
	N = 7,222
Which of the following condition(s) have you used medical cannabis for? Choose all that apply.	
AIDS or HIV	68 (0.9%)
Acute pain	3,400 (47%)
Alzheimer’s Disease	17 (0.2%)
Amyotrophic Lateral Sclerosis (ALS)	*
Anxiety	3,652 (51%)
Arthritis	1,753 (24%)
Attention deficit hyperactivity disorder (ADHD)	1,109 (15%)
Autism	351 (4.9%)
A condition resulting in hospice care	15 (0.2%)
Cancer	366 (5.1%)
Cachexia	*
Chronic pain	4,546 (63%)
Crohn’s disease or ulcerative colitis	202 (2.8%)
Depression	2,654 (37%)
Endometriosis	283 (3.9%)
Epilepsy or debilitating seizures	116 (1.6%)
Glaucoma	75 (1.0%)
Insomnia or sleep problems	3,632 (50%)
Multiple Sclerosis (or persistent and debilitating muscle spasms)	211 (2.9%)
Persistent nausea	868 (12%)
Post traumatic stress disorder (PTSD)	1,910 (26%)



Table 4 (continued)

Question	Active Card % Response
	N = 7,222
Terminal illness (with less than 6 months life expectancy)	12 (0.2%)
To reduce use of other substances (alcohol, pain meds, etc.)	1,182 (16%)
I have none of these conditions	*
Prefer not to answer	37 (0.5%)
Other	507 (7.0%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Pharmacy Experience

Pharmacy registration

Participants were asked all the sources from which they purchased medical cannabis (Table 5). Cardholders reported mostly purchasing medical cannabis from a Utah medical cannabis pharmacy (93%, n= 6,681) followed by using a pharmacy/dispensary outside of Utah (17%, n= 1,227). In terms of frequency of purchases, respondents reported purchasing from a medical cannabis pharmacy most often on a monthly basis (40%, n= 2,790).

When asked about completing the requirement for a pharmacy consultation (Table 5), the majority (88%, n= 5,900) of participants that obtained a medical cannabis card reported visiting a medical cannabis pharmacy for a consultation. Of those that said they did not visit a medical

cannabis pharmacy for a consultation, they reported the most common reason as not knowing a consultation was required (17.4%, n= 230) and not thinking a consultation would be helpful (15.6%, n=206).

Similarly, participants were asked if they purchased products at a medical cannabis after registering for the program (Table 5). Almost all (93%, n=6,681) participants that obtained a medical cannabis card purchased medical cannabis at a pharmacy. Of those that chose not to purchase medical cannabis after obtaining a card, the most common reasons were that they planned to do it later (8.9%, n=60) and the cost of medical cannabis at pharmacies is too high (8.9%, n=60).

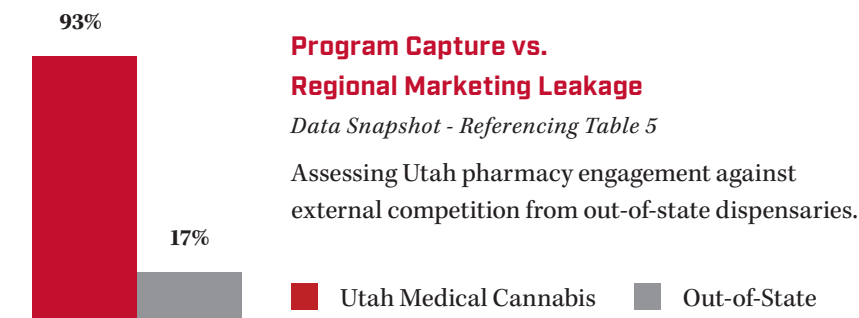


Table 5

Medical Cannabis Purchase and Consultation

Question	Active Card % Response
N = 7,222	
Where do you buy medical cannabis from? Choose all that apply.	
A Utah cannabis pharmacy	6,681 (93%)
A non-pharmacy source WITHIN Utah	328 (4.5%)
A pharmacy/dispensary OUTSIDE of Utah	1,227 (17%)
A source other than a pharmacy/dispensary OUTSIDE of Utah	164 (2.3%)
Another patient in the Utah medical cannabis program	14 (0.2%)
I grow my own	29 (0.4%)
A hemp/CBD store	112 (1.6%)
Prefer not to answer	73 (1.0%)
How often do you purchase medical cannabis?	
I have stopped using medical cannabis	163 (2.4%)
Daily	395 (5.7%)
A few times per week	324 (4.7%)
Weekly	902 (13%)
Monthly	2,790 (40%)
Less than monthly	2,220 (32%)
Prefer not to answer	120 (1.7%)
After obtaining a medical cannabis card, did you visit a Utah medical cannabis pharmacy at any time at any time for a consultation?	
Yes	5,900 (88%)
Why did you NOT visit a Utah medical cannabis pharmacy for a pharmacist consultation? Choose all that apply.	
% based on those that did NOT do a consultation (1,322)	
Planned to do it later	81 (6.1%)
Didn't want to	101 (7.6%)
Too complicated/didn't know how	47 (3.6%)
Pharmacies were not accessible	25 (1.9%)
Didn't know a consultation was required	230 (17.4%)
Didn't think a consultation would be helpful	206 (15.6%)
I changed my mind about using medical cannabis	*



Table 5 (continued)

Question	Active Card % Response
	N = 7,222
Prefer not to answer	61 (4.6%)
Other	248 (18.6%)
After obtaining a medical cannabis card, did you buy any products at a Utah medical cannabis pharmacy?	
Yes	6,545 (98%)
Why did you NOT visit a Utah medical cannabis pharmacy for a pharmacist consultation?	
Choose all that apply.	
Planned to do it later	60 (8.9%)
Didn't want to	*
Pharmacies were not accessible	16 (2.4%)
Cost of cannabis products at the pharmacies was too high	60 (8.9%)
The quality of the products at the medical cannabis pharmacies was too poor	18 (2.7%)
Pharmacies did not consistently have the products I prefer	17 (2.5%)
Already had another source for purchasing cannabis	31 (4.6%)
I changed my mind about using medical cannabis	*
Prefer not to answer	*
Other	29 (4.3%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Home Delivery and Accessibility

Participants were asked if they *primarily* purchased their medical cannabis through a pharmacy home delivery service, as compared to going into the medical cannabis pharmacy to purchase (Table 6). Most participants reported that they did not primarily purchase cannabis through a delivery service (67%, n=4,379). However, 42% of respondents reported being satisfied with the service (n=2,718).

Regarding the accessibility of medical cannabis pharmacies, participants were asked about whether pharmacies were easily accessible, the average

travel time to their preferred medical cannabis pharmacy, and if they passed a closer pharmacy on the way (Table 6). Medical cannabis pharmacies were generally perceived as accessible, with 46% (n=2,976) of participants strongly agreeing and 37% (n=2,429) agreeing that Utah medical cannabis pharmacies are easily accessible. The average travel time to a medical cannabis pharmacy was 26 ± 22 minutes, and 64% (n=4,182) of participants indicated that they do not pass by a closer pharmacy when traveling to their preferred Utah medical cannabis pharmacy.



Table 6
Home Delivery and Accessibility

Question	Active Card % Response
N = 7,222	
Do you use cannabis home delivery services as your main way to purchase medical cannabis?	
Yes	2,083 (32%)
No	4,379 (67%)
Prefer not to answer	53 (0.8%)
Please select how satisfied you are with access to Utah medical cannabis home delivery services.	
I don't use the home delivery services	2,949 (45%)
Satisfied	2,718 (42%)
Slightly Satisfied	246 (3.8%)
Neutral	317 (4.9%)
Slightly Dissatisfied	80 (1.2%)
Dissatisfied	119 (1.8%)
Prefer not to answer	69 (1.1%)
Please select your level of agreement to the following statement:	
I can easily access a Utah medical cannabis pharmacy	
Strongly Agree	2,976 (46%)
Agree	2,429 (37%)
Neutral	624 (9.6%)
Disagree	338 (5.2%)
Strongly Disagree	117 (1.8%)
Prefer not to answer	14 (0.2%)
On average, how long does it take to get to your preferred medical cannabis pharmacy?	
*26 ± 22 minutes	
Is there a closer Utah medical cannabis pharmacy on the way to your preferred Utah medical cannabis pharmacy?	
Yes	1,319 (20%)
No	4,182 (64%)
I don't know	972 (15%)
Prefer not to answer	25 (0.4%)

* ± Indicates standard deviation of mean

Product Satisfaction

72%
**Considered
 Pharmacy Product
 to be Consistent**
 (Always/Often Satisfied)
*Data Snapshot -
 Referencing Table 14*

When asked about product quality and variety, most respondents reported being either always (27%, n=1,717) or often (45%, n=2,894) satisfied with the consistency with which medical cannabis pharmacies carried their preferred products. The majority of

respondents rated product quality as excellent (31%, n=1,972), very good (36%, n=2,278), or good (23%, n=1,439). Similarly, product variety was most frequently rated as excellent (24%, n=1,518), very good (28%, n=1,791), or good (28%, n=1,795), see **Table 7**.

Table 7
 Product Satisfaction

Question	Active Card % Response
N = 7,222	
Please select how consistently Utah medical cannabis pharmacies have the products that you prefer.	
Always	1,717 (27%)
Often	2,894 (45%)
Sometimes	1,340 (21%)
Rarely	301 (4.7%)
Never	56 (0.9%)
Prefer not to answer	59 (0.9%)
Please rate the quality of products in Utah medical cannabis pharmacies.	
Excellent	1,972 (31%)
Very Good	2,278 (36%)
Good	1,439 (23%)
Fair	518 (8.1%)
Poor	125 (2.0%)
Prefer not to answer	35 (0.5%)
Please rate the variety of available products in Utah medical cannabis pharmacies.	
Excellent	1,518 (24%)
Very Good	1,791 (28%)
Good	1,795 (28%)
Fair	877 (14%)
Poor	351 (5.5%)
Prefer not to answer	35 (0.5%)

Medical Cannabis Use

Influencers of Product Choice

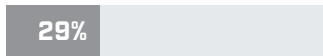
Data Snapshot - Referencing Table 7



Personal Experience
n=3,359



Pharmacist Recommendation
n=3,006



Employee Recommendation
n=2,103

Products

Participants were asked questions about how they chose the products they purchased and if they altered the products they purchased when consuming (Table 8). Participants reported choosing their medical cannabis products most often by their own experience (47%, n=3,359) followed by the recommendation of the pharmacist at the medical cannabis pharmacy (42%, n=3,006) and a pharmacy employee’s recommendation (29%, n=2,103). After purchasing products, most participants did not alter the product (44%, n=3,195) or they

divided the product to get a smaller dose (29%, n=2,121). A small group of respondents reported increasing dosages (8.2%, n=591) or combining different products (8.8%, n=633).

When asked if the price of products was prohibitive for purchase, participants reported the price of the product often (34%, n=2,150) or sometimes (34%, n=2,142) prevented them from purchasing medical cannabis, see Table 8.

Table 8

Medical Cannabis Products: Purchase and Alteration

Question	Active Card % Response
N = 7,222	
How do you decide which products to purchase at medical cannabis pharmacies?	
My recommending medical provider (RMP) gave me recommendations	1,701 (24%)
Another medical provider besides my RMP gave me recommendations	222 (3.1%)
A pharmacist at a medical cannabis pharmacy gave me recommendations	3,006 (42%)
Other employees at a medical cannabis pharmacy (besides a pharmacist) gave me recommendations	2,103 (29%)
The internet	1,308 (18%)
Friends or family gave me recommendations	1,072 (15%)
Other medical cannabis patients (virtually or in-person) gave me recommendations	910 (13%)
My own personal experience with purchasing products from other sources	3,359 (47%)



Table 8 (continued)

Question	Active Card % Response
	N = 7,222
Prefer not to answer	100 (1.4%)
Other	485 (6.7%)
How do you change the medical cannabis product to get the dose or format you need? Choose all that apply.	
I don't change the product(s)	3,195 (44%)
Divide the product to get a smaller dose	2,121 (29%)
Add product to get a higher dose	591 (8.2%)
Concentrate/extract the product	210 (2.9%)
Make the product into an edible	293 (4.1%)
Melt the product to use in a drink	60 (0.8%)
Alter the product for rectal use	*
Open the capsules to use the powder differently	*
Inhale a product not designed for inhaling	71 (1.0%)
Change the product to use as a topical on my skin	104 (1.4%)
Combine different products	633 (8.8%)
Prefer not to answer	201 (2.8%)
Other	229 (3.2%)
Please indicate how often the price of a product at a medical cannabis pharmacy prevents you from purchasing cannabis.	
Always	624 (9.8%)
Often	2,150 (34%)
Sometimes	2,142 (34%)
Rarely	801 (13%)
Never	622 (9.8%)
Prefer not to answer	28 (0.4%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Frequency of Use

Participants were asked how often they use medical cannabis and followed-up with further questions if they reported not using medical cannabis any longer, including reasons for not continuing (Table 9). Regarding frequency of medical cannabis use, use, most participants reported

using medical cannabis daily (58%, n=3,777) or a few times per week (23%, n=1,521). Very few people (n=11, Table 9) indicated that they have a card and have never used medical cannabis, and a few indicated they stopped using medical cannabis (n=22).



Table 9

Medical Cannabis Use Frequencies

Question	Active Card % Response
N = 7,189	
How often do you use medical cannabis?	
I have never used medical cannabis	11 (0.2%)
I have stopped using medical cannabis	22 (0.34%)
Daily	3,777 (58%)
A few times per week	1,521 (23%)
Weekly	458 (7.1%)
Monthly	375 (5.8%)
Less than monthly	270 (4.2%)
Prefer not to answer	73 (1.1%)
Did not respond	715
Which of the following are reasons that you have NOT used medical cannabis?	
N = 11	
Choose all that apply.	
Difficulty in accessing medical cannabis	*
Not sure if it would be useful for my condition	*
My medical provider has not recommended it to me	0 (0%)
No interest	*
My condition is well managed with other treatments	*
Concerned about side effects (including the "high")	*
Unsure if cannabis is effective for treating my medical condition	*
Did not know it was available	0 (0%)
Denied access by medical provider	0 (0%)
Fear of legal or professional consequences	*
Religious or moral beliefs	*
It is not safe to have medical cannabis in my home	*
Family or friends view it negatively	0 (0%)
Prefer not to answer	*
Other (opens to a text box)	*



Table 9 (continued)

Question	Active Card % Response
Why have you chosen to NOT participate in the Utah medical cannabis program? Choose all that apply.	N = 11
Didn't know this was an option	*
I am not interested in using medical cannabis	*
I am concerned about the negative physical or mental health effects of using cannabis	*
Registration is too complicated	*
I already have effective treatment	0 (0%)
I prefer hemp/CDB products that are available outside the program	0 (0%)
Religious or moral beliefs	0 (0%)
Medical cannabis pharmacies are not accessible	*
Lack of consistent products	0 (0%)
Lack of quality products	0 (0%)
Lack of product variety	0 (0%)
Cost of products	*
Cost of program enrollment	0 (0%)
No access to a recommending medical provider	0 (0%)
No provider will certify my condition	0 (0%)
Medical condition not approved in Utah	0 (0%)
Medical cannabis pharmacy hours not compatible with my schedule	*
Not safe to keep cannabis products in my home	*
Fear of discrimination/retaliation/discipline in workplace	*
Fear of legal consequences or loss of rights	*
Family and friends' perception of using medicinal cannabis	*
Negative perception of using medicinal cannabis	*
Wrong/inadequate insurance coverage/network	0 (0%)
Prefer not to answer	*
Other	*

Table 9 (continued)

Question	Active Card % Response
Are you willing to consider use of medical cannabis as a treatment for your medical condition?	N=11
Yes	10 (91%)
Under what circumstances would you ever use medical cannabis?	N=11
Cheaper, easy to access	*
Employment drug testing	*
Help with depression and chronic back pain	*
I get super irritated when I take it on the daily so I only take it as needed but I would like to more often if I don't get super irritated so it would help my anxiety, adhd etc	*
pain	*
To alleviate my pain	*
When I have more money	*
When the pain gets to the point of being able not to control it or live with it. I think I would.	*
When there's no other option.	*
Unknown	*
Why do you no longer use medical cannabis for your medical condition?	N=22
Choose all that apply.	
Difficulty in accessing medical cannabis	*
It wasn't useful for my condition	*
No interest	*
Other treatments are more effective	0 (0%)
Can't afford it	**
Concerned about side effects (including the "high")	*
Didn't like it	*
Unsure if cannabis is effective	*
Denied access by medical provider	0 (0%)
Fear of legal or professional consequences	*
Religious beliefs	0 (0%)
It is not safe to have medical cannabis in my home	0 (0%)
Family or friends view it negatively	*
The cost of not covered by insurance	*
Didn't know it was available	0 (0%)
Prefer not to answer	*
Other	*

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Product Choice and Misuse

When describing how participants used their medical cannabis (**Table 10**), the majority indicated that they try to follow instructions from a healthcare provider (55%, n=3,982), but 22% (n=1,590) also indicated that

they feel high or get a buzz when using cannabis, and 12% (n= 882) indicated they used medical cannabis when they are upset, as seen in **Table 11**.

Table 10

Product Use and Possible Misuse

Question	Active Card % Response
N = 7,222	
Please choose all that apply regarding your medical cannabis usage*	
I try to always follow the instructions I've been given by a pharmacist and/or my medical providers on how to use my medical cannabis	3,982 (55%)
I reach the medical cannabis purchase limit regularly	132 (1.8%)
I need to supplement my medical cannabis bought from Utah medical cannabis pharmacies with cannabis from other sources	263 (3.6%)
I use more medical cannabis than the amount recommended for me by a pharmacist or my medical provider	104 (1.4%)
I use my medical cannabis to help me when I'm upset	882 (12%)
I feel high or get a buzz after using cannabis	1,590 (22%)
I use my medical cannabis to relieve or cope with problems other than my qualifying condition	1,226 (17%)
A medical provider has told me that I use too much cannabis	32 (0.4%)
None of the above	955 (13%)
Prefer not to answer	164 (2.3%)
Other	271 (3.8%)

* answers for "choose all that apply" may total over 100%

Perception of Federal and State Laws

Participants were asked if federal or state laws ever prevented them from accessing their preferred medical cannabis (**Table 12**). While approximately a quarter of participants (23%, n=1,625) indicated they have no issues with federal or state laws, about one-third indicated that they are prevented from getting the medical cannabis

they prefer due to the prohibition on smoking medical cannabis (32%, n=2,320), transporting across state lines (33%, n=2,352), growing their own medical cannabis (27%, n=1,971), the limit on types of products (36%, 2,613), and the limit on the number of medical cannabis (28%, n=2,022).

Table 11
Legal Restrictions

Question	Active Card % Response
N = 7,222	
Please choose any federal or state laws that prevent you from getting the medical cannabis you prefer or from easily accessing medical cannabis. Choose all that apply.	
Limit on the number of Utah medical cannabis pharmacies	2,022 (28%)
Limit on the types of medical cannabis available for purchase at a Utah medical cannabis pharmacy (no pre-rolls, no beverages, etc.)	2,613 (36%)
Limit on the amount of medical cannabis I can purchase from a Utah medical cannabis pharmacy in a 28-day period	637 (8.8%)
Prohibited from growing my own medical cannabis	1,971 (27%)
Prohibited from transporting medical cannabis across state lines	2,352 (33%)
Prohibited from smoking medical cannabis	2,320 (32%)
No issues with federal or state laws	1,625 (23%)
Prefer not to answer	222 (3.1%)
Other	433 (6.0%)



Expired Card

The second survey was designed for medical cannabis card holders that have not renewed their registration for a medical cannabis card (N=2,770). The survey aimed to get a clear picture of reasons for not renewing their medical cannabis card, medical cannabis use, medical conditions, previous program experience, and previous satisfaction with medical cannabis pharmacies and products.

99%

Previous Registration Status

The vast majority of participants were previously registered as patients **(99%)** and not caregivers **(Table 13)**.

Table 12

Previous Medical Cannabis Program Registration

Question	Expired Card % Response
	N = 2,770
How were you registered in the Utah medical cannabis program?	
Caregiver (please answer the following survey on behalf of the patient)	37 (1.4%)
Patient	2,579 (98.6%)
Did not respond	154

* % based on known answers

Reasons for not Renewing

Participants were asked to choose as many reasons as applied for why they are no longer registered with the Utah medical cannabis program **(Table 14)**. The most common reasons why respondents didn't renew their card include: high cost of product (40%, n=1,105), cost

of seeing a medical provider (33%, n=902), feeling that program registration is too complicated (16%, n=450), and concern about possible legal consequences or loss of rights (14%, n=383).



Medical Cannabis Outcome
Research and Evaluation

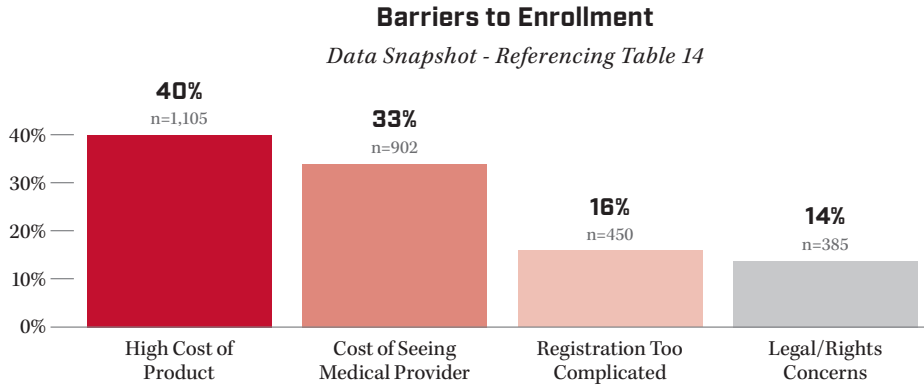


Table 13

Non-Renewal Reasons

Question	Expired Card % Response
N = 2,770	
Which of the following may be reasons why you chose NOT to renew your medical cannabis registration? Choose all that apply.	
I purchased medical cannabis elsewhere	327 (12%)
Medical cannabis wasn't useful for my condition	261 (9.4%)
Program registration is too complicated	450 (16%)
The cost of seeing a medical provider was too expensive	902 (33%)
I could not find a medical provider to certify my card	128 (4.6%)
The \$15 cost of continued registration with the state was too expensive	264 (9.5%)
The cost of products was too expensive	1,105 (40%)
The pharmacies were not accessible	123 (4.4%)
I could not reliably find the products I want in the cannabis pharmacies	234 (8.4%)
The products did not provide consistent effects	194 (7.0%)
I did not trust the safety of the products	64 (2.3%)
I did not like the quality of the products	197 (7.1%)
Products had too many side-effects	197 (7.1%)
I am concerned about legal consequences or loss of rights	383 (14%)
It is not safe for me to keep medical cannabis in my home	32 (1.2%)
Medical cannabis pharmacy hours are not compatible with my schedule	49 (1.8%)
Family and friends perceive cannabis negatively	162 (5.8%)
Prefer not to answer	36 (1.3%)
Other	826 (30%)



Provider Recommendations and Medical Conditions

Participants were asked about what information they received from their medical providers when they initially registered for the program (Table 15). The most common information given by providers was about avoiding driving while using medical cannabis (51%, n=1,407) and possible side effects (44%, n=1,224).

The survey also collected information about which medical conditions participants treated with medical cannabis (Table 16). The most common conditions identified were chronic pain (57%, n=1,575), anxiety (48%, n=1,324), insomnia (44%, n=1,216), acute pain (43%, n=1,189), depression (36%, n=1,009), PTSD (26%, n=729), and arthritis (19%, n=535).

Table 14
Medical Cannabis Provider Recommendations

Question	Expired Card % Response
	N = 2,770
When getting certified for a card, which of the following did your recommending medical provider offer information about? Choose all that apply.	
Recommended specific brands	368 (13%)
How often to use medical cannabis	972 (35%)
Possible side effects	1,224 (44%)
Safe storage of medical cannabis	734 (26%)
Recommend CBD:THC ratios for your condition(s)	909 (33%)
Method of use (eating, inhaling, etc.)	1,171 (42%)
How much cannabis to use	720 (26%)
Avoid driving while using cannabis	1,407 (51%)
Possible changes to other medications	639 (23%)
My provider did not give any guidance	347 (13%)
I don't remember	331 (12%)
Prefer not to answer	27 (1.0%)
Other	112 (4.0%)

Table 15
Medical Conditions

Question	Expired Card % Response
N = 2,770	
Which of the following condition(s) have you used medical cannabis for?	
Choose all that apply	
AIDS or HIV	14 (0.5%)
Acute Pain	1,189 (43%)
Alzheimer’s Disease	*
Amyotrophic Lateral Sclerosis (ALS)	*
Anxiety	1,324 (48%)
Arthritis	535 (19%)
Attention deficit hyperactivity disorder (ADHD)	415 (15%)
Autism	119 (4.3%)
A condition resulting in hospice care	10 (0.4%)
Cancer	140 (5.1%)
Cachexia	0 (0%)
Chronic Pain	1,575 (57%)
Crohn’s Disease or ulcerative colitis	66 (2.4%)
Depression	1,009 (36%)
Endometriosis	108 (3.9%)
Epilepsy or debilitating seizures	50 (1.8%)
Glaucoma	22 (0.8%)
Insomnia or sleep problems	1,216 (44%)
Multiple Sclerosis (or persistent and debilitating muscle spasms)	76 (2.7%)
Persistent nausea	254 (9.2%)
Post traumatic stress disorder (PTSD)	729 (26%)
Terminal Illness (with less than 6 months life expectancy)	13 (0.5%)
To reduce use of other substances (alcohol, pain meds, etc.)	348 (13%)
I have none of these conditions	*
Prefer not to answer	*
Other	234 (8.4%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Pharmacy Experience

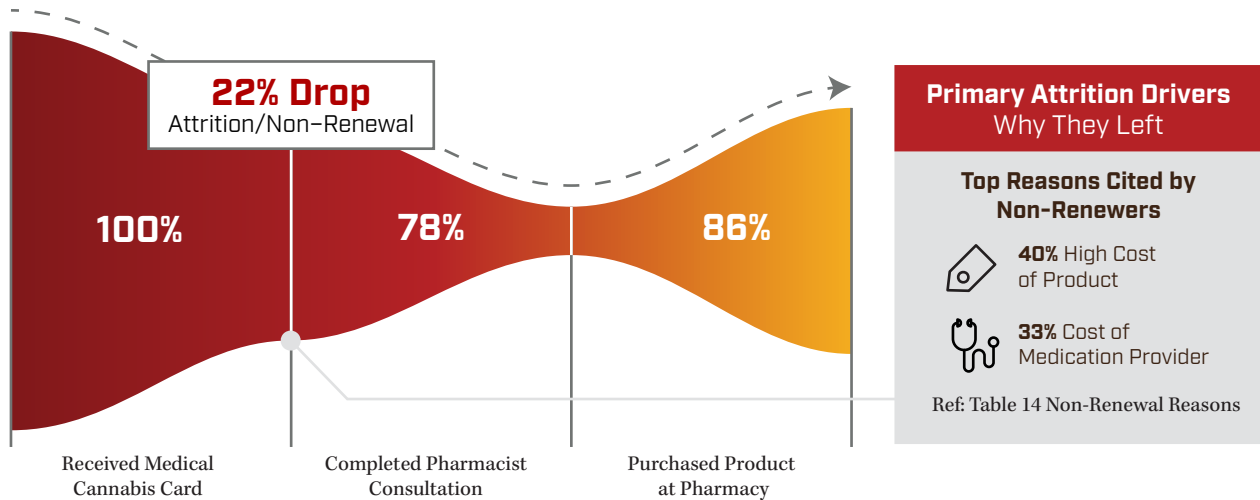
Pharmacy Registration and Home Delivery

Participants were asked about the completion of their registration process, specifically if they completed the requirement for a pharmacist consultation and continued by purchasing medical cannabis at a medical cannabis pharmacy (**Table 17**). After obtaining a medical cannabis card, approximately 78% (n=2,167) of patients reported visiting a medical cannabis pharmacy for a pharmacist consultation. The primary reasons reported by patients for not completing the consultation visit were that the participants did not know it was required (35.4%, n=159) and thinking a consultation would not be helpful (26.1%, n=117). However, 86% (n=2,380) reported that they bought products at a medical cannabis pharmacy. Those that did not reported the high cost of products as the most common reason (47.1%, n=105) followed by reporting they already had a source for purchasing cannabis for medical purposes (35.9%, n=80).

When asked about whether participants used home delivery as their primary way to purchase medical cannabis, the majority of participants (69%, 1,912) did not use home delivery services as their main method of purchasing medical cannabis. However, most indicated that they were satisfied with those services (70%, n=634). Participants either strongly agreed (34%, n=813) or agreed (35%, n=819) that medical cannabis pharmacies were accessible. The average driving time to their preferred medical cannabis pharmacy was 26 ± 21 minutes, and most (58%, n=1,360) did not pass a closer pharmacy on the way to their preferred medical cannabis pharmacy (**Table 17**).

Compliance Funnel: Registration to Purchase Flow

Data Snapshot - Referencing Table 14, 17



Expired Cardholder Analysis: Usage & Barriers

Data Snapshot - Referencing Table 14, 21

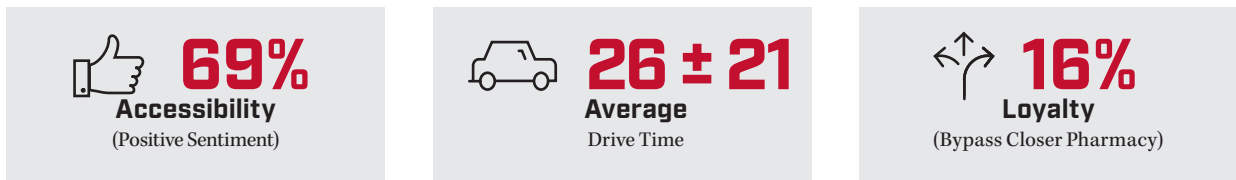


Table 16

Medical Cannabis Purchase and Consultation

Question	Expired Card % Response
N = 2,770	
After obtaining a medical cannabis card, did you visit a designated Utah medical cannabis pharmacy at any time for a pharmacist consultation?	
Yes	2,167 (78%)
No	449 (16%)
Did not provide answer	154 (5.6%)
Why did you NOT visit a designated Utah medical cannabis pharmacy for a pharmacist consultation? Choose all that apply.	
% based on those that did NOT do a consultation [449]	
Planned to do it later	49 (10.9%)
Didn't want to	57 (12.7%)
Too complicated/didn't know how	61 (13.6%)
Pharmacies were not accessible	57 (12.7%)
Didn't know a consultation was required	159 (35.4%)
Didn't think a consultation would be helpful	117 (26.1%)
I changed my mind about using medical cannabis	27 (6.0%)
Prefer not to answer	13 (2.9%)
Other	113 (25.2%)
After obtaining a medical cannabis card, did you buy any products at a Utah medical cannabis pharmacy?	
Yes	2,380 (86%)
No	223 (8.1%)
Did not provide answer	167 (6.0%)
Why did you NOT visit a Utah medical cannabis pharmacy to buy products? Choose all that apply.	
% based on those that did NOT do a consultation [223]	
Planned to do it later	49 (22.0%)
Didn't want to	14 (6.3%)
Pharmacies were not accessible	43 (19.3%)
Cost of cannabis products at the pharmacies was too high	105 (47.1%)
The quality of the products at the medical cannabis pharmacies was too poor	22 (9.9%)
Pharmacies did not consistently have the products I prefer	22 (9.9%)
Already had another source for purchasing cannabis	80 (35.9%)
I changed my mind about using medical cannabis	17 (7.6%)
Prefer not to answer	*
Other	36 (16.1%)

*Less than 10 responses footnote) replace with ** +/- indicates standard deviation of mean.



Table 17

Pharmacy Experience.

Question	Expired Card % Response
	N = 2,770
Did you use cannabis home delivery services as your main way to purchase medical cannabis?	
Yes	453 (16%)
No	1,912 (69%)
Did not provide answer	393 (14%)
Please select how satisfied you were with access to Utah cannabis home delivery services?	
I don't use the home delivery services	*
Satisfied	634 (70%)
Slightly Satisfied	68 (7.5%)
Neutral	96 (11%)
Slightly Dissatisfied	24 (2.6%)
Dissatisfied	38 (4.2%)
Prefer not to answer	51 (5.6%)
Please select your level of agreement to the following statement: I can easily access a Utah medical cannabis pharmacy.	
Strongly Agree	813 (34%)
Agree	819 (35%)
Neutral	412 (17%)
Disagree	196 (8.3%)
Strongly Disagree	101 (4.3%)
Prefer not to answer	19 (0.8%)
On average, how long did it take you to get to your preferred medical cannabis pharmacy?	
	26 ± 21**
Is there a closer Utah medical cannabis pharmacy on the way to your preferred Utah cannabis pharmacy?	
Yes	375 (16%)
No	1,360 (58%)
I don't know	610 (26%)
Prefer not to answer	15 (0.6%)



Product Satisfaction

Participants were asked about the degree of satisfaction they had with consistency, quality, and variety of products in the medical cannabis pharmacies (Table 18). Participants reported that medical cannabis pharmacies always (27%, n=616) or often (40%, n=917) had the products that they preferred,

and the quality was generally viewed as positive, with 25% (n=574) reporting product quality was excellent. The availability of products was also generally seen as positive with 20% (n=463) reporting excellent variety, 26% (n=601) reporting very good and 28% (n=649) reporting good variety.

Table 17

Product Satisfaction

Question	Expired Card % Response
	N = 2,770
Please answer how consistently the Utah cannabis pharmacies had the products that you preferred.	
Always	616 (27%)
Often	917 (40%)
Sometimes	530 (23%)
Rarely	148 (6.4%)
Never	41 (1.8%)
Prefer not to answer	54 (2.3%)
Please rate the quality of products in Utah cannabis pharmacies.	
Excellent	574 (25%)
Very Good	733 (32%)
Good	586 (25%)
Fair	260 (11%)
Poor	100 (4.3%)
Prefer not to answer	53 (2.3%)
Please rate the variety of available products in Utah cannabis pharmacies.	
Excellent	463 (20%)
Very Good	601 (26%)
Good	649 (28%)
Fair	343 (15%)
Poor	207 (9.0%)
Prefer not to answer	43 (1.9%)



Previous Medical Cannabis Use

Participants were asked how they chose which products to purchase, if they altered that product before use, and if cost was prohibitive to buying their preferred product (Table 19). Similar to the group that have active medical cannabis cards, participants reported choosing medical cannabis products based on their own experiences (35%, n=976), the recommendations of the pharmacist at the medical cannabis pharmacy (42%, n=1,157) and other employees of the pharmacy (26%, n=713). Also, similar to the active

medical cannabis card-holder group, participants with expired cards also generally chose to not alter the products (48%, n=1,334) or reported they divided the product to get a smaller dose (22%, n=618). With respect to product costs, participants reported that the prices of products at cannabis pharmacies prevented them from purchasing frequently, with 14% (n=309) saying this is always the case, 40% (n=919) saying this is often the case, and 27% (n=607) saying this is sometimes the case (Table 19).

Table 18
Medical Cannabis Products: Purchase and Alteration

Question	Expired Card % Response
N = 2,770	
How did you decide which products to purchase at Utah medical cannabis pharmacies? Select all that apply.	
My recommending medical provider (RMP) gave me recommendations	665 (24%)
Another medical provider besides my RMP gave me recommendations	66 (2.4%)
A pharmacist at a medical cannabis pharmacy gave me recommendations	1,157 (42%)
Other employees at a medical cannabis pharmacy (besides a pharmacist) gave me recommendations	713 (26%)
The internet	409 (15%)
Friends or family gave me recommendations	425 (15%)
Other medical cannabis patients (virtually or in-person) gave me recommendations	291 (11%)
My own personal experience with purchasing products from other sources	976 (35%)
Prefer not to answer	26 (0.9%)
Other	131 (4.7%)
How did you change the Utah cannabis product to get the dose or format you need? Choose all that apply.	
I didn't change the product(s)	1,334 (48%)
Divided the product to get a smaller dose	618 (22%)
Added product to get a higher dose	164 (5.9%)
Concentrated/extracted the product	53 (1.9%)
Made the product into an edible	74 (2.7%)



Table 18 (continued)

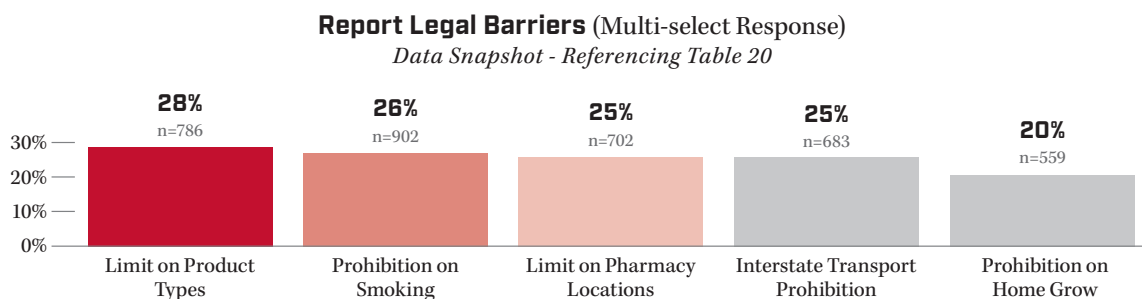
Question	Expired Card % Response
	N = 2,770
Melted the product to use in a drink	17 (0.6%)
Altered the product for rectal use	*
Opened the capsules to use the powder differently	*
Inhaled a product not designed for inhaling	36 (1.3%)
Changed the product to use as a topical on my skin	21 (0.8%)
Combined different products	172 (6.2%)
Prefer not to answer	59 (2.1%)
Other	86 (3.1%)
Please indicate how often the price of a product at a Utah medical cannabis pharmacy prevented you from purchasing medical cannabis.	
Always	309 (14%)
Often	919 (40%)
Sometimes	607 (27%)
Rarely	202 (8.8%)
Never	235 (10%)
Prefer not to answer	14 (0.6%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Perception of Federal and State Laws

Participants were asked if any federal or state laws presented a barrier to accessing medical cannabis while their card was active. While 27% (n=756) of respondents reported they experienced no issues with federal or state laws (Table 20), about a quarter of respondents reported that multiple federal or state laws prevented them from

accessing medical cannabis, including the limit on the number of Utah medical cannabis pharmacies (25%, n=702), limit on product types (28%, n=786), prohibition on growing their own cannabis (20%, n=559), prohibition on transporting across state lines (25%, n=683), and prohibition on smoking cannabis (26%, n=721).



Source: Participant Survey (Expired Cardholders). Data indicates perceived barriers to access related to specific legal restrictions.



Medical Cannabis Outcome Research and Evaluation

Table 19
Legal Restrictions

Question	Expired Card % Response
N = 2,770	
Please choose any federal or state laws that prevented you from easily getting medical cannabis when your card was active. Choose all that apply.	
Limit on the number of Utah medical cannabis pharmacies	702 (25%)
Limit on the types of medical cannabis available for purchase at a Utah medical cannabis pharmacy (no pre-rolls, no beverages, etc.)	786 (28%)
Limit on the amount of medical cannabis I can purchase from a Utah medical cannabis pharmacy in a 28-day period;	340 (12%)
Prohibited from growing my own medical cannabis	559 (20%)
Prohibited from transporting medical cannabis across state lines	683 (25%)
Prohibited from smoking medical cannabis	721 (26%)
No issues with federal or state laws	756 (27%)
Prefer not to answer	69 (2.5%)
Other	192 (6.9%)

Current Medical Cannabis Use

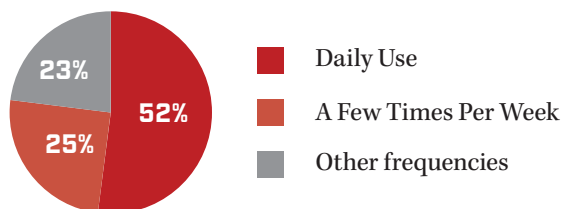
Participants with expired cards were asked about their cannabis use for medical purposes. About half (41%, n=1,134) of respondents reported still using cannabis for medical purposes without an active card (Table 21). In terms of frequency of use, 52% (n=584) used daily and 25% (n=277) used a few times per week. Of those that do not use cannabis for medical purposes (41%, n=1,147), they reported stopping due to cost (40%, n=459), fear of possible legal or professional consequences (24.4%, n=280), cannabis

not being useful for their condition (21.8%, n=250), and/or concerns about side effects (21.9%, n=251).

When asked about possible misuse, 17% (n=475) of those who currently used cannabis for medical purposes reported that they continued to try to follow the recommendations from providers. However, 9.6% (n=265) feel high or buzzed when using cannabis for medical purposes, and 9.1% (n=253) use medical when they are upset (Table 21).

Expired Cardholder Usage Intensity

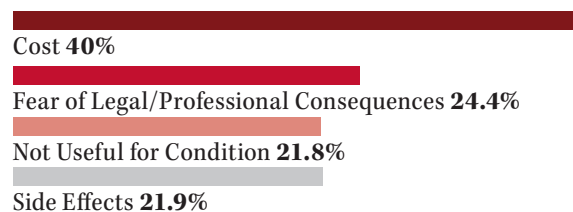
Data Snapshot - Referencing Table 21



List among the 41% of expired cardholders who still use

Expired Cardholder Reasons for Stopping

Data Snapshot - Referencing Table 21



Note: Respondents could select multiple reasons.

Table 20

Current Medical Cannabis Use

Question	Expired Card % Response
N = 2,770	
Do you still use cannabis for your medical condition?	
Yes	1,134 (41%)
No	1,147 (41%)
Prefer not to answer	224 (8.1%)
Did not provide answer	265 (9.6%)
How often do you use medical cannabis?	
% based on those that still use medical cannabis (n=1,134)	
Daily	584 (52%)
A few times per week	277 (25%)
Weekly	100 (8.9%)
Monthly	80 (7.1%)
Less than monthly	55 (4.9%)
Prefer not to answer	24 (2.1%)
Please choose all that apply regarding your medical cannabis usage:	
% based on those that still use medical cannabis (n=1,134)	
I try to always follow the instructions was given by a pharmacist and/or my medical providers for how to use my medical cannabis	475 (17%)
I reach the medical cannabis purchase limit regularly	45 (1.6%)
I need to supplement my medical cannabis with cannabis from other sources	110 (4.0%)
I use more medical cannabis than the recommended amount	53 (1.9%)
I use my medical cannabis to help me when I'm upset	190 (6.9%)
I feel high or get a buzz after using cannabis	265 (9.6%)
I use my medical cannabis to relieve or cope with problems other than my qualifying condition	253 (9.1%)
A medical provider told me that I use too much cannabis	7 (0.3%)
None of the above	211 (7.6%)
Prefer not to answer	46 (1.7%)
Other	73 (2.6%)
Why do you no longer use medical cannabis? Choose all that apply.	
% based on those that do NOT still use medical cannabis (n=1,147)	
Difficulty in accessing medical cannabis	172 (15.0%)
It wasn't useful for my condition	250 (21.8%)



Table 20 (continued)

Question	Expired Card % Response
	N = 2,770
No interest	65 (5.7%)
Other treatment is more effective	139 (12.1%)
Can't afford it	459 (40.0%)
Concerned about side effects (including the "high")	251 (21.9%)
Didn't like it	134 (11.7%)
Unsure if cannabis is effective	122 (10.6%)
Denied access by medical provider	10 (0.9%)
Fear of legal or professional consequences	280 (24.4%)
Religious beliefs	27 (2.4%)
It is not safe to have medical cannabis in my home	30 (2.6%)
Family or friends view it negatively	73 (6.4%)
Prefer not to answer	12 (1.0%)
Other	292 (25.5%)

Non-Registered

The third survey focused on participants (N=959) that use cannabis for medical purposes but have not registered in the Utah medical cannabis program. We aimed to understand which conditions they treated, current usage patterns, reasons for not accessing the program, and purchasing and use habits.

Medical Conditions

When asked the health conditions for which they used cannabis for medical purposes, respondents reported a wide range of conditions, including insomnia or sleep

problems (57%, n=546), anxiety (51%, n=492), chronic pain (41%, n=389), depression (39%, n=371), acute pain (33%, n=317), arthritis (24%, n=234), and PTSD (22%, n=209).



Table 21
Medical Conditions

Question	NON-REGISTERED % RESPONSES
N = 959	
Which of the following condition(s) have you used medical cannabis for?	
Choose all that apply.	
AIDS or HIV	15 (1.6%)
Acute Pain	317 (33%)
Alzheimer’s Disease	*
Amyotrophic Lateral Sclerosis (ALS)	*
Anxiety	492 (51%)
Arthritis	234 (24%)
Attention deficit hyperactivity disorder (ADHD)	148 (15%)
Autism	44 (4.6%)
A condition resulting in hospice care	*
Cancer	70 (7.3%)
Cachexia	*
Chronic Pain	389 (41%)
Crohn’s Disease or Ulcerative Colitis	29 (3.0%)
Depression	371 (39%)
Endometriosis	32 (3.3%)
Epilepsy or Debilitating Seizures	21 (2.2%)
Glaucoma	*
Insomnia or Sleep Problems	546 (57%)
Multiple Sclerosis (or Persistent and Debilitating Muscle Spasms)	18 (1.9%)
Persistent nausea	76 (7.9%)
Post traumatic stress disorder (PTSD)	209 (22%)
Terminal Illness (with less than 6 months life expectancy)	*
To reduce use of other substances (alcohol, pain meds, etc.)	129 (13%)
I have none of these conditions	*
Prefer not to answer	*
Other	102 (11%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Medical Cannabis Use and Non-enrollment

Medical Cannabis Use

When these participants were asked if they currently used cannabis for their medical condition, the majority reported currently using cannabis (75%, n=715), and most reported their frequency of use as daily use (35%, n=240), a few times per week (31%, n=211), or weekly (14%, n=94). Of those that

no longer use cannabis for their medical condition (24%, n=230), the top reasons reported were fear of possible legal or professional consequences (42.2%, n=97) and difficulty in accessing cannabis (41.3%, n=95) (**Table 23**).

Table 22

Non-Registered Medical Cannabis Use

Question	NON-REGISTERED % RESPONSES
	N = 959
Do you currently use cannabis for your medical condition?	
Yes	715 (75%)
No	230 (24%)
Did not provide answer	14 (1.5%)
How often do you use cannabis for medical reasons?	
Daily	240 (35%)
A few times per week	211 (31%)
Weekly	94 (14%)
Monthly	75 (11%)
Less than monthly	59 (8.6%)
Prefer not to answer	*
Why do you no longer use medical cannabis for your medical condition?	
Choose all that apply.	
Difficulty in accessing medical cannabis	95 (41.3%)
It wasn't useful for my condition	*
No interest	*
Other treatments are more effective	11 (4.8%)
Can't afford it	55 (23.9%)
Concerned about side effects (including the "high")	28 (12.2%)
Didn't like it	*



Table 22 (continued)

Question	NON-REGISTERED % RESPONSES
	N = 959
Unsure if cannabis is effective	23 (10.0%)
Denied access by medical provider	16 (7.0%)
Fear of legal or professional consequences	97 (42.2%)
Religious beliefs	*
It is not safe to have medical cannabis in my home	*
Family or friends view it negatively	19 (8.3%)
The cost of not covered by insurance	51 (22.2%)
Didn't know it was available	25 (10.9%)
Prefer not to answer	*
Other	36 (15.7%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Non-enrollment and cannabis acquisition

Participants were asked about their reasons for not enrolling in the Utah medical cannabis program (Table 24). The top five reasons given for not enrolling in the medical cannabis program were participants thought the cost of program enrollment (25%, n=241) and products (19%, n=180) was prohibitively high, they did not know the program was an option (21%, n=198), registration was too complicated (17%, n=164), and they preferred their cannabis use to remain private (18%, n=176).

When asked about the purchasing source for cannabis for those not registered in the program and how they chose which products to use, they responded that cannabis was mostly acquired outside of Utah through an out-of-state cannabis pharmacy/dispensary (30%, n=292) and a non-pharmacy source (19%, n=183). Their choice of product was largely decided by their personal experience (45%, n=434) or through the recommendations of friends and family (27%, n=262, Table 24).

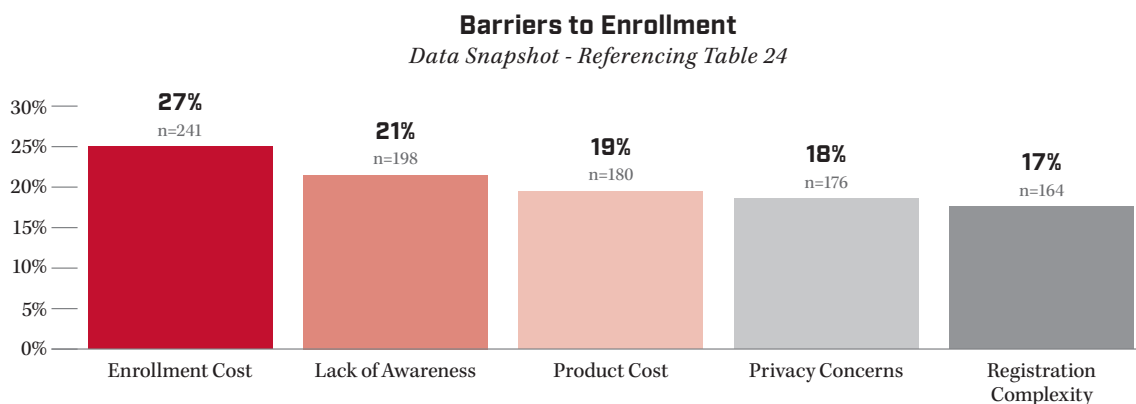


Table 23

Non-Enrollment Reasons

Question	NON-REGISTERED % RESPONSES
N = 959	
Why have you not accessed cannabis through the Utah medical cannabis program? Choose all that apply.	
Didn't know this was an option	198 (21%)
Registration is too complicated	164 (17%)
The pharmacies are not accessible	40 (4.2%)
Lack of consistent products	19 (2.0%)
Lack of quality products	33 (3.4%)
Lack of product variety	24 (2.5%)
Cost of products	180 (19%)
Cost of program enrollment	241 (25%)
My provider is not a recommending medical provider	121 (13%)
No provider will certify my condition	24 (2.5%)
Condition not approved in Utah	46 (4.8%)
Medical cannabis pharmacy hours not compatible with my schedule	18 (1.9%)
Not safe to keep cannabis products in my home	*
Fear of discrimination/retaliation/discipline in workplace	136 (14%)
I prefer my cannabis use to remain private	176 (18%)
Family and friends' perception of using medicinal cannabis	43 (4.5%)
Own perception of using medicinal cannabis	*
Wrong/inadequate insurance coverage/network	46 (4.8%)
Prefer not to answer	10 (1.0%)
Other	89 (9.3%)
Where do you buy medical cannabis from? Choose all that apply.	
A non-pharmacy source WITHIN Utah	110 (11%)
A pharmacy/dispensary OUTSIDE of Utah	292 (30%)
A non-pharmacy/dispensary OUTSIDE of Utah	183 (19%)
A patient in the Utah medical cannabis program	34 (3.5%)
I grow my own	*
A hemp/CBD store	70 (7.3%)
Prefer not to answer	105 (11%)
Other	44 (4.6%)



Table 23 (continued)

Question	NON-REGISTERED % RESPONSES
	N = 959
How do you decide which products to purchase? Choose all that apply.	
The internet	135 (14%)
Friends or family gave me recommendations	262 (27%)
Other medical cannabis patients	117 (12%)
My own personal experience with purchasing products from other sources	434 (45%)
Prefer not to answer	27 (2.8%)
Other	67 (7.0%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Possible Misuse

When asked about possible misuse, 20% (n=135) reported they felt high or buzzed when they used cannabis, and 13% (n=123) used cannabis when they were upset.

Report Misuse Indicators

Data Snapshot - Referencing Table 22

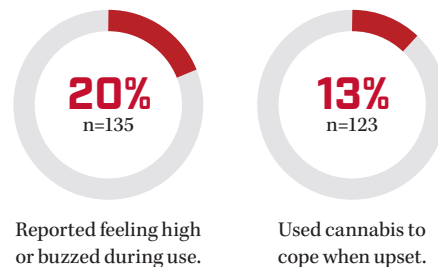


Table 24

Possible Misuse of Cannabis

Question	NON-REGISTERED % RESPONSES
	N = 959
Please choose all that apply regarding your cannabis usage:	
I need to supplement my medical cannabis with cannabis from multiple sources	31 (3.2%)
I use more medical cannabis than the recommended amount	16 (1.7%)
I use my medical cannabis to help me when I'm upset	123 (13%)
I feel high or get a buzz after using cannabis	193 (20%)
I use medical cannabis to relieve or cope with problems other than my qualifying condition	135 (14%)
A medical provider has told me that I use too much cannabis	*
None of the above	316 (33%)
Prefer not to answer	26 (2.7%)
Other	51 (5.3%)

Non-Cannabis

The fourth survey focused on patients that experience conditions that could qualify them to access medical cannabis through the Utah medical cannabis program but do not use medical cannabis (N = 3,649). These questions focused on which conditions they had, why they did not use medical cannabis, and why they did not participate in the program. It also asked if they would ever consider using medical cannabis and under what circumstances.

Medical Conditions

Participants were asked which medical condition they currently have (**Table 26**). They most frequently reported having the following conditions that could qualify them for a medical cannabis card: anxiety (40%, n=1,451),

depression (33%, n=1,206), insomnia/sleep problems (31%, n=1,117), chronic pain (27%, n=996), and arthritis (26%, n=936).

Table 25

Medical Conditions

Question	NON-CANNABIS % RESPONSES
	N = 3,649
Do you have any of the following medical condition(s)? Choose all that apply.	
AIDS or HIV	34 (0.9%)
Acute pain	537 (15%)
Alzheimer’s Disease	16 (0.4%)
Amyotrophic Lateral Sclerosis (ALS)	*
Anxiety	1,451 (40%)
Arthritis	936 (26%)
Attention deficit hyperactivity disorder (ADHD)	526 (14%)
Autism	133 (3.6%)
A condition resulting in hospice care	*
Cancer	415 (11%)
Cachexia	*
Chronic pain	996 (27%)



Table 25 (continued)

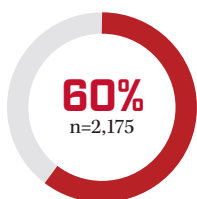
Question	NON-CANNABIS % RESPONSES
	N = 3,649
Crohn's disease or ulcerative colitis	127 (3.5%)
Depression	1,206 (33%)
Endometriosis	116 (3.2%)
Epilepsy or debilitating seizures	69 (1.9%)
Glaucoma	69 (1.9%)
Insomnia or sleep problems	1,117 (31%)
Multiple Sclerosis (or persistent and debilitating muscle spasms)	67 (1.8%)
Persistent nausea	156 (4.3%)
Post traumatic stress disorder (PTSD)	453 (12%)
Terminal illness (with less than 6 months life expectancy)	*
Trying to reduce use of other substances (alcohol, pain meds, etc.)	133 (3.6%)
I have none of these conditions	547 (15%)
Prefer not to answer	49 (1.3%)
Other	319 (8.7%)

*Less than 10 responses in a cell was suppressed to ensure anonymity of responses.

Reasons for Not Using Cannabis and Non-Enrollment

Future Receptivity among Non-Users

Data Snapshot - Referencing Table 27



The majority of non-cannabis users are open to exploring it as a treatment option.

Participants were asked why they chose not to use medical cannabis, why they chose not to participate in the program, and whether they would have interest in using medical cannabis in the future (Table 27). Respondents reported the most frequent reasons for not using medical cannabis due to their provider not recommending it to them (41%, n=1,490), being unsure if it would be useful for their condition (34%, n=1,236), feeling unsure cannabis is effective for treating their medical condition (27%, n=974), or not being interested (26%, n=948).

When asked about why they have chosen to not access the medical cannabis program, participants reported most often that they did not know that the medical cannabis program was an option (40%, n=1,447), they are not interested in medical cannabis use (28%, n=1,039), or they had concerns about negative physical or mental health effects (21%, n=783).

When asked if they are willing to consider medical cannabis for the medical condition, the majority (60%, n=2,175) indicated they would be willing.



Medical Cannabis Outcome Research and Evaluation

Table 26

Non-Participation Reasons

Question	NON-CANNABIS % RESPONSES
N = 959	
Which of the following are reasons that you have NOT used medical cannabis?	
Choose all that apply.	
Difficulty in accessing medical cannabis	450 (12%)
Not sure if it would be useful for my condition	1,236 (34%)
My medical provider has not recommended it to me	1,490 (41%)
No interest	948 (26%)
My condition is well managed with other treatments	701 (19%)
Concerned about side effects (including the "high")	733 (20%)
Unsure if cannabis is effective for treating my medical condition	974 (27%)
Did not know it was available	537 (15%)
Denied access by medical provider	41 (1.1%)
Fear of legal or professional consequences	854 (23%)
Religious or moral beliefs	447 (12%)
It is not safe to have medical cannabis in my home	81 (2.2%)
Family or friends view it negatively	248 (6.8%)
Prefer not to answer	31 (0.8%)
Other (opens to a text box)	370 (10%)
Why have you chosen to NOT participate in the Utah medical cannabis program?	
Choose all that apply.	
Didn't know this was an option	1,447 (40%)
I am not interested in using medical cannabis	1,039 (28%)
I am concerned about the negative physical or mental health effects of using cannabis	783 (21%)
Registration is too complicated	146 (4.0%)
I already have effective treatment	555 (15%)
I prefer hemp/CBD products that are available outside the program	82 (2.2%)
Religious or moral beliefs	382 (10%)
Medical cannabis pharmacies are not accessible	62 (1.7%)
Lack of consistent products	62 (1.7%)



Table 26 (continued)

Question	NON-CANNABIS % RESPONSES
	N = 959
Lack of quality products	60 (1.6%)
Lack of product variety	23 (0.6%)
Cost of products	345 (9.5%)
Cost of program enrollment	258 (7.1%)
No access to a recommending medical provider	319 (8.7%)
No provider will certify my condition	25 (0.7%)
Medical condition not approved in Utah	47 (1.3%)
Medical cannabis pharmacy hours not compatible with my schedule	16 (0.4%)
Not safe to keep cannabis products in my home	58 (1.6%)
Fear of discrimination/retaliation/discipline in workplace	453 (12%)
Fear of legal consequences or loss of rights	526 (14%)
Family and friends' perception of using medicinal cannabis	194 (5.3%)
Negative perception of using medicinal cannabis	274 (7.5%)
Wrong/inadequate insurance coverage/network	161 (4.4%)
Prefer not to answer	41 (1.1%)
Other	284 (7.8%)
Are you willing to consider use of medical cannabis as a treatment for your medical condition?	
Yes	2,175 (60%)
No	1,025 (28%)
Prefer not to answer	234 (6.4%)
Did not provide answer	215 (5.9%)

Summary

To assess Utah’s medical cannabis market for 2025, surveys were conducted across four patient groups: current medical cannabis cardholders, former cardholders, individuals using cannabis medically without a card, and patients with qualifying conditions who do not use cannabis.

Among current cardholders, medical cannabis use was primarily driven by pain and behavioral health conditions, particularly chronic pain, anxiety, insomnia, and acute pain. Use patterns were frequent, with daily consumption reported by more than half of respondents. Most patients obtained products through Utah-licensed medical cannabis pharmacies and generally reported high satisfaction with product quality, variety, and medical cannabis pharmacy accessibility. Pharmacists and providers were a key source of guidance, particularly around safety issues and product recommendations. However, despite high engagement with medical cannabis pharmacies, cost consistently limited purchasing behavior and was the most frequently cited barrier to optimal use. In addition, roughly one-third of cardholders identified Utah’s legal restrictions—such as prohibitions on smoking cannabis, home cultivation, and interstate transport—as impediments to fully meeting their medical cannabis desires.

Former cardholders reported experiences that closely mirrored those of active patients in terms of conditions treated, usage frequency, and perceptions of product quality and access. The primary distinction was financial. High product prices and the cost of required provider visits emerged as the leading reasons for discontinuing participation in the Utah medical cannabis program. Notably, discontinuation did not necessarily equate to cessation of cannabis for medical purposes: approximately half of former cardholders continued using cannabis for medical purposes without an active card, often on a daily basis. Those who stopped

using cannabis altogether cited cost, legal concerns, or limited perceived benefit as key factors.

Cannabis users for medical purposes without a card reported similar therapeutic goals, most commonly insomnia, anxiety, and chronic pain, as well as frequent use patterns. However, their lack of program participation was driven by a combination of financial, informational, and administrative barriers. High perceived costs, limited awareness of the program, concerns about complexity, and privacy considerations all contributed to non-enrollment. As a result, many individuals obtained cannabis for medical purposes outside of Utah or through non-program related channels.

Among non-users with qualifying conditions, mental health and sleep-related conditions were most prevalent. Non-use was primarily attributed to the absence of provider recommendation, uncertainty regarding medical cannabis effectiveness, and general lack of interest. Program awareness was notably low in this group, with many respondents unaware that medical cannabis was a legal option in Utah. Concerns about health risks further contributed to reluctance to initiate use.

Overall, the findings indicate that cost, legal constraints, and limited awareness are the dominant factors shaping participation and satisfaction in Utah’s medical cannabis market. While patients who engage with the program generally reported positive experiences with product quality and access, retention was reduced and enrollment discouraged due to financial barriers, confusion about program registration, and fear of legal consequence. Additionally, substantial numbers of medically motivated cannabis users remain outside the medical cannabis program, either due to cost or lack of information, suggesting opportunities for education and program design interventions to improve alignment between patient needs and the Utah medical cannabis program.



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Appendix

Survey

This survey is designed to help improve the Utah medical cannabis program. You do not have to currently use medical cannabis to participate in this survey. Individual responses to this survey will be kept confidential. Upon completing this survey, you may enter your email for a chance to win a \$250 or \$500 gift card.

1. Are you 18 or older?

- Yes (continue to survey)
- No (“Thank you for being willing to complete this survey. However, it must be completed by an adult (age 18 or above).”)

2. Have you ever had a medical cannabis card in Utah?

- Yes, and it’s active (skips to survey A Q3)
- Yes, but it’s expired (skips to survey B Q34)
- No, I don’t have a medical cannabis card, but I use cannabis for medical purposes. (skips to survey C Q59)
- No, I don’t have a medical cannabis card, and I don’t use cannabis for medical purposes. (skips to survey D Q67)

Survey A: Active Card

Cardholders with Active Medical Cannabis Cards

The following questions are about your medical cannabis card. If you are both a patient and caregiver, please take the survey separately for yourself.

3. How are you registered in the Utah Medical Cannabis Program?

- Patient
- Caregiver (please answer the following survey on behalf of the patient)

4. When getting certified for a card, which of the following did your recommending medical provider offer information about? Choose all that apply.

- Recommended specific brands
- How often to use medical cannabis
- Possible side effects
- Safe storage of medical cannabis
- Recommend CBD:THC ratios for your condition(s)
- Method of use (eating, inhaling, etc.)
- How much cannabis to use
- Avoid driving while using cannabis
- Possible changes to other medications
- Other (opens to a text box)
- My provider did not give any guidance
- I don't remember
- Prefer not to answer

5. Which of the following condition(s) have you used medical cannabis for?

Choose all that apply.

- AIDS or HIV
- Acute pain
- Alzheimer's Disease
- Amyotrophic Lateral Sclerosis (ALS)
- Anxiety
- Arthritis
- Attention deficit hyperactivity disorder (ADHD)
- Autism
- A condition resulting in hospice care
- Cancer
- Cachexia
- Chronic pain
- Crohn's disease or ulcerative colitis
- Depression
- Endometriosis
- Epilepsy or debilitating seizures
- Glaucoma
- Insomnia or sleep problems
- Multiple Sclerosis (or persistent and debilitating muscle spasms)
- Persistent nausea
- Post traumatic stress disorder (PTSD)
- Terminal illness (with less than 6 months life expectancy)
- To reduce use of other substances (alcohol, pain meds, etc.)
- I have none of these conditions
- Other (opens to a text box)
- Prefer not to answer



The following questions are about your experience with Utah medical cannabis pharmacies.

6. Where do you buy medical cannabis from? Choose all that apply.

- A Utah cannabis pharmacy
- A non-pharmacy source WITHIN Utah
- A pharmacy/dispensary OUTSIDE of Utah
- A source other than a pharmacy/dispensary OUTSIDE of Utah
- Another patient in the Utah Medical Cannabis Program
- I grow my own
- A hemp/CBD store
- Prefer not to answer

7. How often do you purchase medical cannabis?

- I have stopped using medical cannabis (redirect to Survey C - Q66, demographics)
- Daily
- A few times per week
- Weekly
- Monthly
- Less than monthly
- Prefer not to answer

8. After obtaining a medical cannabis card, did you visit a Utah medical cannabis pharmacy at any time at any time for a consultation?

- Yes (go to survey A - Q10)
- No (Survey A – Q9)

9. Why did you NOT visit a Utah medical pharmacy for a pharmacist consultation?

Choose all that apply.

- Planned to do it later
- Didn't want to
- Pharmacies were not accessible
- Didn't know a consultation was required
- Didn't think a consultation would be helpful
- Too complicated/didn't know how
- I changed my mind about using medical cannabis
- Other (opens a text box)
- Prefer not to answer

10. After obtaining a medical cannabis card, did you buy any products at a Utah medical cannabis pharmacy?

- Yes (go to survey A - Q12)
- No (go to Survey A - Q11 then skips Survey A - Q12-23, then goes to Q24)

11. Why did you NOT visit a Utah medical cannabis pharmacy to buy products?

Choose all that apply.

- Planned to do it later
- Didn't want to
- Pharmacies were not accessible
- Cost of cannabis products at the pharmacies was too high
- The quality of the products at the medical cannabis pharmacies was too poor
- Pharmacies did not consistently have the products I prefer
- Already had another source for purchasing cannabis
- I changed my mind about using medical cannabis
- Other (opens to a text box)
- Prefer not to answer

12. Do you use cannabis home delivery services as your main way to purchase medical cannabis?

- Yes
- No
- Prefer not to answer

13. Please select how satisfied you are with access to Utah medical cannabis home delivery services.

- I don't use the home delivery services
- Satisfied
- Slightly Satisfied
- Neutral
- Slightly Dissatisfied
- Dissatisfied
- Prefer not to answer

**14. Please select your level of agreement to the following statement:
I can easily access a Utah medical cannabis pharmacy.**

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree
- Prefer not to answer

15. On average, how long does it take to get to your preferred medical cannabis pharmacy?

- (insert number in minutes)



16. Is there a closer Utah medical cannabis pharmacy on the way to your preferred Utah medical cannabis pharmacy?

- Yes
- No
- I don't know
- Prefer not to answer

The following are questions about your experience with medical cannabis products from Utah medical cannabis pharmacies.

17. Please select how consistently Utah medical cannabis pharmacies have the products that you prefer.

- Always
- Often
- Sometimes
- Rarely
- Never
- Prefer not to answer

18. Please rate the quality of products in Utah medical cannabis pharmacies.

- Excellent
- Very Good
- Good
- Fair
- Poor
- Prefer not to answer

19. Please rate the variety of available products in Utah medical cannabis pharmacies.

- Excellent
- Very Good
- Good
- Fair
- Poor
- Prefer not to answer

20. Please describe what you like or don't like about the quality of products at Utah medical cannabis pharmacies. (not required question.)

- (open response)

21. How do you decide which products to purchase at Utah medical cannabis pharmacies?

Choose all that apply.

- My recommending medical provider (RMP) gave me recommendations
- Another medical provider besides my RMP gave me recommendations
- A pharmacist at a medical cannabis pharmacy gave me recommendations
- Other employees at a medical cannabis pharmacy (besides a pharmacist) gave me recommendations
- The internet
- Friends or family gave me recommendations
- Other medical cannabis patients (virtually or in-person) gave me recommendations
- My own personal experience with purchasing products from other sources
- Other (opens to a text box)

22. How do you change the medical cannabis product to get the dose or format you need?

Choose all that apply.

- I don't change the product(s)
- Divide the product to get a smaller dose
- Add product to get a higher dose
- Concentrate/extract the product
- Make the product into an edible
- Melt the product to use in a drink
- Alter the product for rectal use
- Open the capsules to use the powder differently
- Inhale a product not designed for inhaling
- Change the product to use as a topical on my skin
- Combine different products
- Other (add text box to describe)

23. Please indicate how often the price of a product at a Utah medical cannabis pharmacy prevents you from purchasing cannabis.

- Always
- Often
- Sometimes
- Rarely
- Never
- Prefer not to answer

The following questions are about your medical cannabis use.

24. How often do you use medical cannabis?

- I have never used medical cannabis (go to Survey D - Q68 – Q71, demographics)
- I have stopped using medical cannabis (go to Survey C - Q66, demographics)
- Daily
- A few times per week
- Weekly
- Monthly
- Less than monthly
- Prefer not to answer

25. Please choose all that apply regarding your medical cannabis usage:

- I try to always follow the instructions I've been given by a pharmacist and/or my medical providers on how to use my medical cannabis
- I reach the medical cannabis purchase limit regularly
- I need to supplement my medical cannabis bought from Utah medical cannabis pharmacies with cannabis from other sources
- I use more medical cannabis than the amount recommended for me by a pharmacist or my medical provider
- I use my medical cannabis to help me when I'm upset
- I feel high or get a buzz after using cannabis
- I use my medical cannabis to relieve or cope with problems other than my qualifying condition
- A medical provider has told me that I use too much cannabis
- None of the above
- Prefer not to answer



The following question is about your perception of the laws on accessing medical cannabis in Utah.

26. Please choose any federal or state laws that prevent you from getting the medical cannabis you prefer or from easily accessing medical cannabis. Choose all that apply.

- Limit on the number of Utah medical cannabis pharmacies
- Limit on the types of medical cannabis available for purchase at a Utah medical cannabis pharmacy (no pre-rolls, no beverages, etc.)
- Limit on the amount of medical cannabis I can purchase from a Utah medical cannabis pharmacy in a 28-day period;
- Prohibited from growing my own medical cannabis
- Prohibited from transporting medical cannabis across state lines
- Prohibited from smoking medical cannabis
- Other (opens to text box)
- Prefer not to answer

The following questions are about your demographics. Questions #27 to Question #33

27. What is the zip code where you currently live?

- Input number

28. What is your age?

- Input number

29. What is your gender?

- Female
- Male
- Other
- Prefer not to answer

30. What is your race/ethnicity? Choose all that apply.

- American Indian/Alaska Native
- Asian
- Black/African American
- Hispanic/Latino/a/x
- Middle Eastern or North African
- Native Hawaiian/Pacific Islander
- White
- Some other race or ethnicity
- Prefer not to answer

31. What is your highest education level to date?

- Less than high school
- High school diploma or GED
- Some college or trade school
- Associate degree or completed trade school
- Bachelor's degree
- Master's degree
- Doctoral degree
- Prefer not to answer



32. What is your employment status? Choose all that apply.

- Working full time
- Working part time
- Temporarily laid off, sick leave, or parental leave
- Looking for work
- Retired
- Disabled (permanent or temporary)
- Keeping house
- Student
- Other
- Prefer not to answer

33. Do you have medical insurance?

- Yes
- No
- Prefer not to answer

Survey B: Expired Card

Cardholder with Expired Medical Cannabis Cards

The following questions are about your medical cannabis card while you were participating in the Utah medical cannabis program. If you were both a patient and caregiver, please take the survey separately for yourself.

34. Survey B – Q34 - How were you registered in the Utah Medical Cannabis Program?

- Patient
- Caregiver (please answer the following survey on behalf of the patient)

35. Survey B – Q35 - Which of the following may be reasons why you chose NOT to renew your medical cannabis registration? Choose all that apply.

- I purchase medical cannabis elsewhere
- Medical cannabis wasn't useful for my condition
- Program registration is too complicated
- The cost of seeing a medical provider was too expensive
- I could not find a medical provider to certify my card
- The \$15 cost of continued registration with the state was too expensive
- The cost of products was too expensive
- The pharmacies were not accessible
- I could not reliably find the products I want in the cannabis pharmacies
- The products did not provide consistent effects
- I did not trust the safety of the products
- I did not like the quality of the products
- Products had too many side-effects
- I am concerned about legal consequences or loss of rights
- It is not safe for me to keep medical cannabis in my home
- Medical cannabis pharmacy hours are not compatible with my schedule
- Family and friends perceive cannabis negatively
- Other (opens to a text box)
- Prefer not to answer

36. When getting certified for a card, which of the following did your recommending medical provider offer information about? Choose all that apply.

- Recommended specific brands
- How often to use medical cannabis
- Possible side effects
- Safe storage of medical cannabis
- Recommend CBD:THC ratios for your condition(s)
- Method of use (eating, inhaling, etc.)
- How much cannabis to use
- Avoid driving while using cannabis
- Possible changes to other medications
- Other (opens to a text box)
- My provider did not give any guidance
- I don't remember
- Prefer not to answer

37. Which of the following condition(s) have you used medical cannabis for? Choose all that apply.

- AIDS or HIV
- Acute Pain
- Alzheimer's Disease
- Amyotrophic Lateral Sclerosis (ALS)
- Anxiety
- Arthritis
- Attention deficit hyperactivity disorder (ADHD)
- Autism
- A condition resulting in hospice care
- Cancer
- Cachexia
- Chronic Pain
- Crohn's Disease or Ulcerative Colitis
- Depression
- Endometriosis
- Epilepsy or Debilitating Seizures
- Glaucoma
- Insomnia or Sleep Problems
- Multiple Sclerosis (or Persistent and Debilitating Muscle Spasms)
- Persistent nausea
- Post traumatic stress disorder (PTSD)
- Terminal Illness (with less than 6 months life expectancy)
- To reduce use of other substances (alcohol, pain meds, etc.)
- I have none of these conditions
- Other (opens to a text box)
- Prefer not to answer

The following questions are about your experience with Utah medical cannabis pharmacies while you were participating in the Utah medical cannabis program.

38. After obtaining a medical cannabis card, did you visit a designated Utah medical cannabis pharmacy at any time for a pharmacist consultation?

- Yes (go to Survey B - Q40)
- No (go to Survey B - Q39)

39. Why did you NOT visit a designated Utah medical cannabis pharmacy for a pharmacist consultation? Choose all that apply.

- Planned to do it later
- Didn't want to
- Too complicated/didn't know how
- Pharmacies were not accessible
- Didn't know a consultation was required
- Didn't think a consultation would be helpful
- I changed my mind about using medical cannabis
- Other (opens a text box)
- Prefer not to answer

40. After obtaining a medical cannabis card, did you buy any products at a Utah medical cannabis pharmacy?

- Yes (go to Survey B - Q42 to Q53)
- No (go to Survey B - Q41 but skips Q42 – Q53, continues on Q54)

41. Why did you NOT visit a Utah medical cannabis pharmacy to buy products? Choose all that apply.

- Planned to do it later
- Didn't want to
- Pharmacies were not accessible
- Cost of cannabis products at the pharmacies was too high
- The quality of the products at the medical cannabis pharmacies was too poor
- Pharmacies did not consistently have the products I prefer
- Already had another source for purchasing cannabis
- I changed my mind about using medical cannabis
- Other (opens to a text box)
- Prefer not to answer

42. Did you use cannabis home delivery services as your main way to purchase medical cannabis?

- Yes
- No

43. Please select how satisfied you were with access to Utah cannabis home delivery services?

- I did not use the home delivery services
- Satisfied
- Slightly Satisfied
- Neutral
- Slightly Dissatisfied
- Dissatisfied
- Prefer not to answer

44. Please select your level of agreement to the following statement: I can easily access a Utah medical cannabis pharmacy.

- Strongly Agree
- Neutral
- Strongly Disagree
- Agree
- Disagree
- Prefer not to answer

45. On average, how long did it take you to get to your preferred medical cannabis pharmacy?

- (insert number in minutes)

46. Is there a closer Utah cannabis pharmacy on the way to your preferred Utah cannabis pharmacy?

- Yes
- I don't know
- No
- Prefer not to answer

The following are questions about your experience with medical cannabis products from Utah medical cannabis pharmacies while you were participating in the program.

47. Please answer how consistently the Utah cannabis pharmacies had the products that you preferred.

- Always
- Sometimes
- Never
- Often
- Rarely
- Prefer not to answer

48. Please rate the quality of products in Utah cannabis pharmacies.

- Excellent
- Good
- Poor
- Very Good
- Fair
- Prefer not to answer

49. Please rate the variety of available products in Utah cannabis pharmacies.

- Excellent
- Good
- Poor
- Very Good
- Fair
- Prefer not to answer

50. Please describe what you liked or didn't like about the quality of products at Utah medical cannabis pharmacies. (not required question.)

- open response

51. How did you decide which products to purchase at Utah medical cannabis pharmacies?

Select all that apply.

- My recommending medical provider (RMP) gave me recommendations
- Another medical provider besides my RMP gave me recommendations
- A pharmacist at a medical cannabis pharmacy gave me recommendations



- Other employees at a medical cannabis pharmacy (besides a pharmacist) gave me recommendations
- The internet
- Friends or family gave me recommendations
- Other medical cannabis patients (virtually or in-person) gave me recommendations
- My own personal experience with purchasing products from other sources
- Other (opens to a text box)

52. How did you change the Utah cannabis product to get the dose or format you need?

Choose all that apply.

- I didn't change the product(s)
- Divided the product to get a smaller dose
- Added product to get a higher dose
- Concentrated/extracted the product
- Made the product into an edible
- Melted the product to use in a drink
- Altered the product for rectal use
- Opened the capsules to use the powder differently
- Inhaled a product not designed for inhaling
- Changed the product to use as a topical on my skin
- Combined different products
- Other (add text box to describe)

53. Please indicate how often the price of a product at a Utah medical cannabis pharmacy prevented you from purchasing medical cannabis.

- Always
- Often
- Sometimes
- Rarely
- Never
- Prefer not to answer

54. Please choose any federal or state laws that prevented you from easily getting medical cannabis when your card was active. Choose all that apply.

- Limit on the number of Utah medical cannabis pharmacies
- Limit on the types of medical cannabis available for purchase at a Utah medical cannabis pharmacy (no pre-rolls, no beverages, etc.)
- Limit on the amount of medical cannabis I can purchase from a Utah medical cannabis pharmacy in a 28-day period;
- Prohibited from growing my own medical cannabis
- Prohibited from transporting medical cannabis across state lines
- Prohibited from smoking medical cannabis
- Other (opens to text box)
- Prefer not to answer
- No issues with federal or state laws



The following questions are about your medical cannabis use.

55. Do you still use cannabis for your medical condition?

- Yes (go to Q56 and Q57, then demographics Q27-Q33)
- No (go to Q58 then demographics)
- Prefer not to answer (skip to demographics)

56. How often do you use medical cannabis?

- Daily
- Weekly
- Less than monthly
- A few times per week
- Monthly
- Prefer not to answer

57. Please choose all that apply regarding your medical cannabis usage:

- I try to always follow the instructions was given by a pharmacist and/or my medical providers for how to use my medical cannabis
- I reached the medical cannabis purchase limit regularly
- I needed to supplement my medical cannabis with cannabis from other sources
- I used more medical cannabis than the recommended amount
- I used my medical cannabis to help me when I'm upset
- I felt high or get a buzz after using cannabis
- I used my medical cannabis to relieve or cope with problems other than my qualifying condition
- A medical provider told me that I use too much cannabis
- None of the above
- Prefer not to answer

58. Why do you no longer use medical cannabis? Choose all that apply.

- Difficulty in accessing medical cannabis
- Denied access by medical provider
- It wasn't useful for my condition
- Fear of legal or professional consequences
- No interest
- Religious beliefs
- Other treatment is more effective
- It is not safe to have medical cannabis in my home
- Can't afford it
- Family or friends view it negatively
- Concerned about side effects (including the "high")
- Other (opens a text box)
- Didn't like it
- Prefer not to answer
- Unsure if cannabis is effective



The following questions are about your demographics. Questions #27 to Question #33

Survey C: Non-Registered

Non-MC Card Holding Patients with same qualifying conditions that use medical cannabis

The following questions are about your medical cannabis use.

59. Which of the following condition(s) have you used medical cannabis for?

Choose all that apply.

- AIDS or HIV
- Acute Pain
- Alzheimer’s Disease
- Amyotrophic Lateral Sclerosis (ALS)
- Anxiety
- Arthritis
- Attention deficit hyperactivity disorder (ADHD)
- Autism
- A condition resulting in hospice care
- Cancer
- Cachexia
- Chronic Pain
- Crohn’s Disease or Ulcerative Colitis
- Depression
- Endometriosis
- Epilepsy or Debilitating Seizures
- Glaucoma
- Insomnia or Sleep Problems
- Multiple Sclerosis (or Persistent and Debilitating Muscle Spasms)
- Persistent nausea
- Post traumatic stress disorder (PTSD)
- Terminal Illness (with less than 6 months life expectancy)
- To reduce use of other substances (alcohol, pain meds, etc.)
- I have none of the conditions
- Other (opens to a text box)
- Prefer not to answer

60. Do you currently use cannabis for your medical condition?

- Yes (go to Survey C Q61 through Q65, then demographics)
- No (go to Survey C - Q66, then demographics)

61. How often do you use cannabis for medical reasons?

- Daily
- A few times per week
- Weekly
- Monthly
- Less than monthly
- Prefer not to answer

62. Why have you not accessed cannabis through the Utah medical cannabis program?

Choose all that apply.

- Didn't know this was an option
- Registration is too complicated
- The pharmacies are not accessible
- Lack of consistent products
- Lack of quality products
- Lack of product variety
- Cost of products
- Cost of program enrollment
- My provider is not recommending medical provider
- No provider will certify my condition
- Condition not approved in Utah
- Medical cannabis pharmacy hours not compatible with my schedule
- Not safe to keep cannabis products in my home
- Fear of discrimination/retaliation/discipline in workplace
- I prefer my cannabis use to remain private
- Family and friends' perception of using medicinal cannabis
- Own perception of using medicinal cannabis
- Wrong/inadequate insurance coverage/network
- Other (opens to text box)
- Prefer not to answer

63. Where do you buy medical cannabis from? Choose all that apply.

- A non-pharmacy source WITHIN Utah Program
- A pharmacy/dispensary OUTSIDE of Utah
- A non-pharmacy/dispensary OUTSIDE of Utah
- A patient in the Utah Medical Cannabis
- I grow my own
- A hemp/CBD store
- Prefer not to answer

64. How do you decide which products to purchase? Choose all that apply.

- The internet
- Friends or family gave me recommendations
- Other medical cannabis patients
- My own personal experience with purchasing products from other sources
- Other (opens to a text box)

65. Please choose all that apply regarding your cannabis usage:

- I need to supplement my medical cannabis with cannabis from multiple sources
- I use more medical cannabis than the recommended amount
- I use my medical cannabis to help me when I'm upset
- I feel high or get a buzz after using cannabis
- I use medical cannabis to relieve or cope with problems other than my qualifying condition
- A medical provider has told me that I use too much cannabis
- None of the above
- Prefer not to answer



66. Why do you no longer use medical cannabis for your medical condition? Choose all that apply.

- Difficulty in accessing medical cannabis
- It wasn't useful for my condition
- No interest
- Other treatments are more effective
- Can't afford it
- Concerned about side effects (including the "high")
- Didn't like it
- Unsure if cannabis is effective
- Denied access by medical provider
- Fear of legal or professional consequences
- Religious beliefs
- It is not safe to have medical cannabis in my home
- Family or friends view it negatively
- The cost of not covered by insurance
- Didn't know it was available
- Other
- Prefer not to answer

The following questions are about your demographics. Questions #27 to Question #33

To enter to win a \$250 or \$500 gift card, please follow this link to another survey to enter your email: Thank you for participating in this survey.

Survey D: Non-Cannabis

Non-MC patients with same conditions that do NOT use medical cannabis

67. Do you have any of the following medical condition(s)? Choose all that apply.

- AIDS or HIV
- Acute pain
- Alzheimer's Disease
- Amyotrophic Lateral Sclerosis (ALS)
- Anxiety
- Arthritis
- Attention deficit hyperactivity disorder (ADHD)
- Autism
- A condition resulting in hospice care
- Cancer
- Cachexia
- Chronic pain
- Crohn's disease or ulcerative colitis
- Depression
- Endometriosis
- Epilepsy or debilitating seizures
- Glaucoma
- Insomnia or sleep problems
- Multiple Sclerosis (or persistent and debilitating muscle spasms)
- Persistent nausea
- Post traumatic stress disorder (PTSD)
- Terminal illness (with less than 6 months life expectancy)
- Trying to reduce use of other substances (alcohol, pain meds, etc.)
- I have none of these conditions
- Other (opens to a text box)
- Prefer not to answer



68. Which of the following are reasons that you have NOT used medical cannabis?

Choose all that apply.

- Difficulty in accessing medical cannabis
- Not sure if it would be useful for my condition
- My medical provider has not recommended it to me
- No interest
- My condition is well managed with other treatments
- Concerned about side effects (including the "high")
- Unsure if cannabis is effective for treating my medical condition
- Did not know it was available
- Denied access by medical provider
- Fear of legal or professional consequences
- Religious or moral beliefs
- It is not safe to have medical cannabis in my home
- Family or friends view it negatively
- Other (opens to a text box)
- Prefer not to answer

69. Why have you chosen to NOT participate in the Utah medical cannabis program?

Choose all that apply.

- Didn't know this was an option
- I am not interested in using medical cannabis
- I am concerned about the negative physical or mental health effects of using cannabis
- Registration is too complicated
- I already have effective treatment
- I prefer hemp/CBD products that are available outside the program
- Religious or moral beliefs
- Medical cannabis pharmacies are not accessible
- Lack of consistent products
- Lack of quality products
- Lack of product variety
- Cost of products
- Cost of program enrollment
- No access to a recommending medical provider
- No provider will certify my condition
- Medical condition not approved in Utah
- Medical cannabis pharmacy hours not compatible with my schedule
- Not safe to keep cannabis products in my home
- Fear of discrimination/retaliation/discipline in workplace
- Fear of legal consequences or loss of rights
- Family and friends' perception of using medicinal cannabis
- Negative perception of using medicinal cannabis
- Wrong/inadequate insurance coverage/network
- Prefer not to answer

70. Are you willing to consider use of medical cannabis as a treatment for your medical condition?

- Yes
- No
- Prefer not to answer

71. Under what circumstances would you ever use medical cannabis?

- (open to text box)

The following questions are about your demographics. Questions #27 to Question #33

