



**WORK SESSION MEETING
AGENDA
CITY OF CREVE COEUR
CITY COUNCIL
300 NORTH NEW BALLAS RD
JANUARY 28, 2019
6:00 PM**

CALL TO ORDER

ROLL CALL

DISCUSSION ITEMS

- 1. Approval of January 14, 2019 City Council Work Session Meeting Minutes**
- 2. Medical Marijuana - Mayor, City Council and Planning and Zoning Commission Session**
Summary: Staff will discuss the recent voter-approved state legislation concerning medical marijuana and the local government impacts associated with these uses to solicit direction from the Mayor, City Council and P&Z regarding Creve Coeur's position in these matters.

Pursuant to Section 610.022 RSMo., the City Council could, at any time during the meeting, vote to close the public meeting and move to closed session to discuss matters relating to litigation, legal actions and/or communications from the City Attorney as provided under Section 610.021(1) RSMo. and/or personnel matters under Section 610.021(13) RSMo. And/or employee matters under Section 610.021(3) RSMo. and/or real estate matters under Section 610.021(2) or other matters as permitted by Chapter 610.

Posted: _____ posted 01/30/2019
Deborah Ryan, MPCC
City Clerk



**WORK SESSION MEETING
MINUTES
CITY OF CREVE COEUR
CITY COUNCIL
300 NORTH NEW BALLAS RD
JANUARY 14, 2019
6:00 PM**

CALL TO ORDER

A regular meeting of the City Council of the City of Creve Coeur was called to order by Mayor Glantz at the City Council Chamber, 300 North New Ballas Rd, City of Creve Coeur Government Center, Creve Coeur, MO 63141 on Monday, January 14, 2019 at 6:00 PM.

ROLL CALL

Council Member, Ward 1 Alexis Travers
Council Member, Ward 1 Heather Silverman
Council Member, Ward 2 AJ Wang
Council Member, Ward 2 Ellen Lawrence
Council Member, Ward 3 Robert Hoffman
Council Member, Ward 3 Charlotte D'Alfonso
Council Member, Ward 4 Scott Saunders
Council Member, Ward 4 Susan Baseley

DISCUSSION ITEMS

1. Approval of December 10, 2018 City Council Work Session Meeting Minutes

Work Session Minutes of December 10, 2018 approved as presented. Unanimous approval to approve the work session minutes of December 10, 2018.

RESULT:	ACCEPTED [UNANIMOUS]
MOVER:	Susan Baseley, Council Member, Ward 4
SECONDER:	Charlotte D'Alfonso, Council Member, Ward 3
AYES:	Wang, Lawrence, Hoffman, D'Alfonso, Saunders, Travers, Baseley, Silverman

2. Parks Master Plan - Mayor and Council Stakeholder Session

Scott Emmelkamp, representative of the Planning and Design Studio, made a presentation. (Exhibit A)

Question was asked of what programs and facilities would City Council like to see. Council members provided a variety of suggestions:

- More walking trails to and within the parks
- Dog park in Beirne Park
- Laverne Collins Park enhancements, such as playground equipment and/or exercise equipment
- Lighted basketball courts in Lake School Park, adjacent to tennis courts
- Pickleball courts (suggested using current tennis court and having changeable nets)



**MINUTES
CITY OF CREVE COEUR
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300 NORTH NEW BALLAS RD
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6:00 PM**

- Regulation-size soccer fields
- Gaga pit
- Cricket field
- Tai chi
- Weather-proofing of all park restrooms to allow year-round access
- Add a city park in Ward 4
- Ninja course

When asked to list the top priorities for Council, there was general consensus of the following:

- Laverne Collins Park amenities such as playground and/or exercise equipment
- Dog Park in Beirne Park
- Basketball courts in Lake School Park
- Additional trails to and within parks

Council Member Lawrence stated she would like to see the cost of the ninja court and if it raised insurance rates on those cities that installed them. Also would like to see the stats on the demographics to which a ninja court would appeal to.

There will be a public meeting on February 20, 2019 to obtain additional resident input on Master Park Plan.

RESULT:	ITEM DISCUSSED
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City Council
300 North New Ballas Rd
Creve-Coeur, MO 63141

Meeting: 01/28/19 06:00 PM
Department: City Council
Category: Discussion
Prepared By: Jason Jaggi
Department Head: Jason Jaggi

SCHEDULED

STAFF REPORT

Medical Marijuana - Mayor, City Council and Planning and Zoning Commission Session

Staff will discuss the recent voter-approved state legislation concerning medical marijuana and the local government impacts associated with these uses to solicit direction from the Mayor, City Council and P&Z regarding Creve Coeur's position in these matters.



DEPARTMENT OF COMMUNITY DEVELOPMENT MEMORANDUM

Date: January 24, 2019

To: Mayor, City Council and Planning and Zoning Commission

Memo Prepared by: Jason W. Jaggi, AICP, Director of Community Development

Subject: **Medical Marijuana Work Session**

Attachments: Missouri Medical Cannabis Trade Industry (MoCann) Presentation (presented at 39 North Venture Café)
MoCann Information Sheet
ICMA—Local Impacts of Commercial Cannabis Report, September 2018
ICMA—Checklist for Developing Cannabis Regulations

In the November election, voters of the State approved an amendment to the Missouri Constitution, referred to as Amendment 2, which legalized medical marijuana. To provide medical marijuana to the public, five components are involved: cultivation facilities (growing the plants), manufacturing facilities (producing the marijuana-infused products), transportation, dispensing (retail provider to the users), and testing facilities (product compliance testing). The State of Missouri through the Department of Health and Senior Services is responsible for developing the rules to implement Amendment 2 and issuing the licenses for these facilities and the identification cards for medical marijuana consumers. The state law contains many standards that must be followed in order for the state to issue these licenses.

State of Missouri Responsibilities

The State's responsibilities include the following:

- Issuing registrations to qualified patients and their primary caregivers.
- Licensing and certification of medical marijuana cultivation facilities.
- Licensing and certification of medical marijuana dispensary facilities.
- Licensing and certification of medical marijuana-infused products manufacturing facilities.
- Licensing and certification of medical marijuana testing facilities.

According to the DHSS website, the following are dates to implement the timeline provisions in Amendment 2:

- Jan. 5, 2019 – Pre-filed application fees will begin to be accepted.
- June 4, 2019 – Application forms and instructions will be available.
- July 4, 2019 – Applications for identification cards will begin to be accepted.
- Aug. 3, 2019 – Facility applications will begin to be accepted.

Impacts to Local Governments

The potential impacts to local governments for legalized marijuana are wide-ranging and cut across service areas and departments. The areas of impact according to the attached ICMA report range from land use, public safety (including building safety), public health, and the environment. To assist in the discussion, the following are summary points from the ICMA report within each of these areas:

Economic Development

- The cannabis industry is effectively a cash-based business due to the illegal status of cannabis at the federal level
- The cannabis industry involves high costs associated with licenses, permits, land, security, other startup requirements, and lack of access to financing
- The industry has a wide-range of investors
- The employment base associated with retailers, processors and producers is small.
- Revenue at the state level is through license fees, sales taxes and excise taxes. In Missouri, application fees are several thousand dollars and the annual fee for a license, once granted, is also several thousand dollars.
- Revenue at the local level is primarily through sales and utility taxes, likely much smaller than the state revenue. Some cities across the country have imposed their own license fees and/or additional local taxes. However, Amendment 2 prohibits additional local taxes.

Public Safety

- Local governments are rightfully concerned with the potential increase in criminal activity.
- These concerns have been addressed through local permitting and land use requirements through requirements for security systems, lighting and employee background screenings.
- Policing techniques focusing on relationship building and best practices education rather than punitive also have produced positive results.
- The manufacturing and processing side of medical cannabis involves chemical extractions involving solvents to remove resin from plants to convert it to hash oil. This process creates a building safety issue requiring proper equipment and safety measures to minimize harm. Proper enforcement of building code and fire code requirements play an important role to reduce the risk of explosions along with determining the appropriate locations for these facilities.
- The ICMA report notes that a common theme in locales that have experienced increases in crime or safety hazards involve unauthorized cannabis activities.

Traffic

- On the retail side (dispensaries) can generate increased demand for parking and trip generation is constant, similar to a fast food restaurant.

Public Health

- The public health impacts are subject to much debate and are complex.
- It is generally accepted among public health experts that youth abuse of cannabis can create negative impacts. There is less evidence that legalization of cannabis significantly changes patterns of use.
- Because of negative impacts associated with underage use, most laws require separation of medical marijuana uses from religious uses, schools, and daycares. Missouri's law provides a 1,000 feet separation from these uses, although cities can reduce this requirement.
- Adult use and impacts associated with it are divergent.
- Less disputable, are the impacts associated with the use of marijuana's mind-altering effects which can impair judgment, coordination and reaction time. These impairments can impact the workplace and most existing laws concerning operating equipment and motor vehicles under the influence still apply (Missouri's included). These impacts can also affect the workplace including the City as employer.

Environment

- Local land use regulations that can minimize odors, prohibit on-site consumption and identify appropriate locations within the community for the various facility types are important considerations. The Missouri law allows local governments to regulate medical marijuana uses with respect to “time, place and manner”.

Recent Missouri Local Government Ordinances

Recently, the cities of Maryland Heights and Warrensburg have amended their ordinances to provide local regulations for medical marijuana. In Warrensburg, the new ordinance created definitions for medical marijuana terminology mirroring state law, identified the zoning districts where marijuana-related uses are allowed as either a permitted or conditional use, established off-street parking requirements, instituted separation requirements from schools, libraries, religious uses, libraries, residential zoning districts and public parks; and, from other marijuana-related facilities. The code amendments also require appropriate ventilation systems to control odor.

In Maryland Heights, their ordinance is not as wide-ranging but establishes a definition for Medical Marijuana Dispensaries, identifies the zoning districts where medical marijuana facilities are either permitted by-right or require a conditional use permit, and establishes off-street parking requirements.

Summary

Staff has attached several documents to inform the City Council and P&Z. These resource documents include an information sheet and a presentation that staff attended last week from the Missouri Medical Cannabis Trade Industry (MoCann), and an ICMA report on local government impacts associated with these uses. Additionally, a member of the MoCann Advisory Board will attend the work session and be available to answer questions and to provide insight from the industry perspective.

The medical marijuana land use amendments have been tabled at P&Z so that general direction to staff can be provided. After this discussion, staff will proceed with drafting the land use regulations for a public hearing at P&Z either in late February or early March.

Local Impacts of COMMERCIAL CANNABIS



ICMA, the International City/County Management Association, advances professional local government management worldwide through leadership, management, innovation, and ethics. Through expansive partnerships with local governments, federal agencies, nonprofits, and philanthropic funders, the organization gathers information on topics such as sustainability, health care, aging communities, economic development, cybersecurity, and performance measurement and management data on a variety of local government services—all of which support related training, education, and technical assistance.

ICMA provides support, publications, data and information, peer and results-oriented assistance, and training and professional development to more than 12,000 city, town, and county experts and other individuals and organizations throughout the world.

Published September, 2018

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Local Impacts of COMMERCIAL CANNABIS

INTRODUCTION

The last two decades have brought waves of significant change to state laws regarding medical and recreational cannabis, which in turn have implications for local governments.

Since the passing of California's Proposition 215 in 1996, another 30 states plus the District of Columbia, Guam, and Puerto Rico have followed with their own measures legalizing medical cannabis. Voters in nine of those states—Colorado, Washington, Alaska, Oregon, Massachusetts, Maine, Nevada, California, and Vermont—plus the District of Columbia have also legalized adult recreational use of cannabis.¹

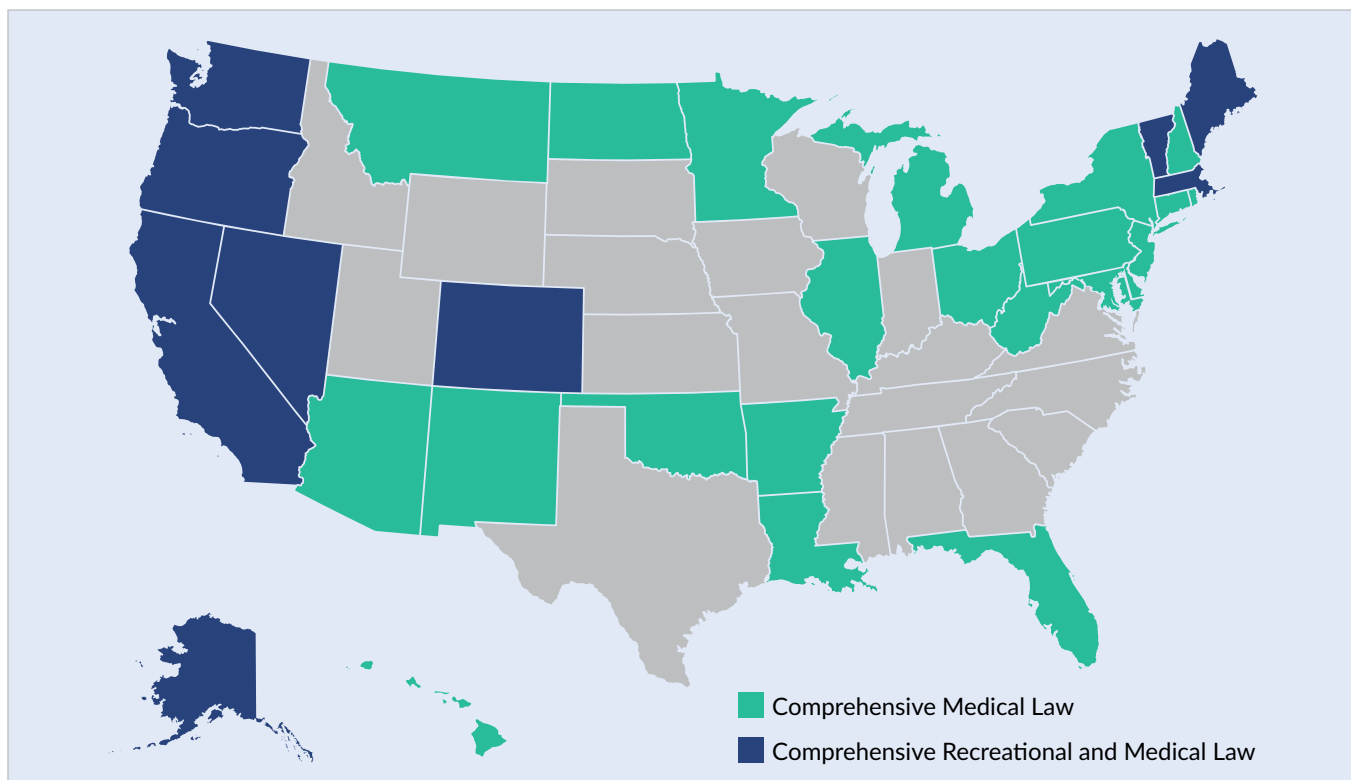
At the federal level, cannabis remains a Schedule I drug according to the U.S. Controlled Substances Act, reserved for “substances ... with no currently accepted medical use and a high potential for abuse,” a classification also applied to heroin, lysergic acid diethylamide

(LSD), methylenedioxymethamphetamine (ecstasy), methaqualone, and peyote.²

Under the Obama administration, the Department of Justice issued a series of guidelines regarding federal prosecution of medical and recreational cannabis activities, the best known being Deputy Attorney General James Cole's 2013 memo. The Cole Memo provided some assurance to states and localities permitting medical or recreational cannabis activities that the federal government would not challenge these states' laws, provided they aligned with federal high-level priorities such as keeping marijuana away from children and upholding protections against public health and safety threats associated with use and distribution.

In early 2018, the new Attorney General Jeff Sessions issued a memo to all rescinding the Obama administration's guidance on federal prosecution of medical and recreational cannabis activities.³ Despite the Justice Department's about-face, additional states

State Cannabis Laws as of July 2018



Source: National Conference of State Legislatures

such as Oklahoma and Michigan have since proceeded with their plans to vote on medical and recreational cannabis, respectively. The Canadian government overwhelmingly passed a national measure to legalize and regulate cannabis, becoming the second nation worldwide to do so. In the United States, public polling on the issue shows a dramatic shift over the past decade in favor of legalization.⁴

In the meantime, increasing numbers of local governments are faced with decisions about whether and how they want to regulate medical and/or recreational cannabis in their communities. These decisions are extremely complicated and have implications across many local government departments and systems. Public debate is emotionally charged and not all questions can be answered given the youth of a legal cannabis industry.

ICMA provides this resource to assist local governments in considering implications of legal commercial cannabis activities in their communities. Findings and recommendations are drawn primarily from interviews with local government administrators and staff and review of available data and reports (emphasizing neutral sources whenever possible) from early adopters of legal cannabis legislation.

A note on terminology: Cannabis is the biological genus or generic name for multiple species of plants also popularly referred to as marijuana, hemp, and no shortage of other slang terms. Although early U.S. legislation on this topic used the spelling “marihuana,” some have argued this term and its variants, specific to use of the plant for smoking, were introduced in an attempt to marginalize migrant populations.⁵ Despite cannabis being the scientific term, marijuana prevailed in common vernacular. This report gives preference to the scientific term cannabis but uses marijuana interchangeably in some case studies to be consistent with the relevant state and local legislation.

IMPACT AREAS

Economic Development

Redevelopment and Growth Potential

While not guaranteed, it is certainly possible to capitalize on peak interest in this industry as an opportunity for redevelopment and economic growth. Across the state of California, the declining cut flower industry is causing some producers to consider a shift toward cannabis cultivation.⁶ Small-scale food growers on the rural outskirts of Cape Cod, Massachusetts, find themselves in a similar situation.⁷ Grover Beach, California realized its underused industrial land would be marketable to cannabis product manufacturers, and imposed additional requirements for public improvements on those sites to such users. The small town of Cotton Plant, Arkansas—a far cry from progressive coastal enclaves—sees potential for a legal medical cannabis industry to resurrect a waning local economy.⁸

Industry Characteristics

Cash-based businesses. Regardless of lenient state and local policy, the illegal status of cannabis at the federal level renders it effectively an all-cash industry, as the federally insured banking system is extremely limited on how, if at all, it can service these businesses. It can also be challenging for businesses to access auxiliary financial (e.g., accounting) or legal services that other types of businesses take for granted. For local governments, this means being prepared to accept massive cash payments for taxes and fees, which could include purchasing cash-counting machines and/or increasing security to protect staff and facilities. And for local economies, all-cash offers on land can place pressures on availability and have pricing consequences for other industries as well.

Who are operators? The high cost of licenses, permits, land, security, other startup requirements, as well as a lack of access to financing present significant barriers impacting who can enter the industry. But the industry is attracting a wide range of operators, from those with a history in agriculture to tech-savvy entrepreneurs. Google employees own one of the few cannabis retail stores in Kirkland, Washington, while a large start-up in Grover Beach, California is connected to a well-known Los Angeles rapper and TV personality. In Santa Rosa, California, city staff discovered through

their licensing processes that many cannabis businesses were operated by female heads-of-households.

Industry employment. The Washington State Institute for Public Policy, charged with evaluating the state's implementation of its legalization measure, estimated the average of its 700 active cannabis businesses employed approximately nine full-time equivalent (FTE) employees at an average hourly wage of \$16.45 (median of \$13.44) in the final quarter of 2016. The majority of retailers, processors, and producers were classified as small, employing less than nine FTE. Producers and processors tended to be even smaller, employing four or fewer FTE.⁹

Revenue Generation

State leaders in favor of a regulated legal cannabis industry often tout the associated economic opportunities from license fees and sales and excise taxes. States have earmarked this revenue for specific needs such as schools (including construction, early education, and anti-bullying measures), public health (substance abuse prevention/treatment, mental health), and public safety.

Slices of revenue are also passed through to local governments where cannabis activities are permitted. Revenue distribution formulas may account for population, number of licensed businesses, and other factors, and are regularly subject to challenge or change; cultivation hotspot Jackson County, Oregon is urging its state to weigh total canopy size more heavily in its revenue-sharing calculations. Some states, such as Oregon, also prescribe how locally shared revenue should be spent (on public safety, in the Oregon example). For multiple reasons, the local share tends to be significantly smaller and thus less impactful.

In light of this, and to offset local administration, regulation, and enforcement costs, many communities have elected to impose their own license fees and/or additional local taxes on the cannabis industry. State legislation may set restrictions on the rate and process for doing so, and state municipal leagues are often useful resources in parsing those regulations. Specific guidelines for setting such rates are beyond the scope of this report, but general observations from our research include the following.

- Explore this option as early as possible. Durango, Colorado waited until the industry had been operating locally for multiple years before introducing a dedicated tax proposal, which they were forced to drop in the face of overwhelming opposition.

- It can be tempting to overreach with projections. Early analyses on the potential economic impacts of the cannabis industry are fraught with assumptions that can multiply into gross exaggerations and unrealized expectations (true for any industry, but particularly so for one just emerging from underground).
- Avoid taxing the industry back underground. The city of Grover Beach, California actually adjusted its tax rates downward as the industry came online to maintain a competitive overall effective tax rate.
- Consider your costs, which likely spread far across your organization. The City of Santa Rosa, California provides a detailed breakdown of the estimated steps and costs associated with just the review of business applications, which are substantial.¹⁰ Fort Collins, Colorado is carefully trying to monitor and cover its costs, which also include staff support from a licensing coordinator and dedicated police officer. In contrast, the small city of Hines, Oregon believed it was seizing an economic opportunity as the only city in its county to allow commercial cannabis businesses, but the administrative burden on its limited staff has left them questioning the net benefit.

Of the communities we interviewed for this report, those enlisting the help of external consultants with cannabis industry expertise were typically pleased with the support provided.

Tourism

Tourism is a significant economic sector in virtually all of the early states to legalize recreational cannabis, so it warrants special attention. While individual opinions vary as to whether cannabis is a deterrent to tourism, research suggests a more neutral-to-favorable impact. In 2016, the Colorado Tourism Office included a new series of marijuana-related questions in its annual research on visitor behavior. A contracted research firm queried individuals as to whether legalization of marijuana influenced their perceptions on living/working, visiting, or purchasing good/services from those states. According to their findings, a majority of visitors' opinions of states where marijuana was legalized did not change. Approximately 30 percent of respondents viewed those states more positively, and approximately 1 in 10 had a more negative view based on legalization of marijuana. Results were also stratified by whether

the respondent resided in Colorado and/or had taken a leisure trip in Colorado over the past year. Among nonresidents visiting Colorado in the year of this study, 47 percent said that legalization of marijuana positively influenced their consideration of states to visit. Another study commissioned by the Colorado Tourism Office estimates that 15 percent of Colorado tourists engaged in a marijuana-related activity during their visit, with a third of those citing that activity as a motivation for their trip.¹¹ It is worth noting that state and local tourism offices generally do not promote cannabis-related activities due to explicit or ambiguous regulations based on federal legal status and/or limiting advertising to minors.¹²

Laws restricting smoking or consumption can present a complication for local cannabis-related tourism, while at the same time alleviating some concerns of residents. State and local laws vary, but restrictions similar to those targeting the use of tobacco or alcohol use often apply, as do new regulations prohibiting on-premises cannabis consumption. Private property owners and operators can also impose their own restrictions on cannabis consumption. Tourists may be surprised to discover they are prohibited from consuming cannabis products in public spaces, in rental cars (even as passengers), in hotels, and at the point of sale, not to mention that they cannot bring cannabis products in or out of the state. It would be reasonable to anticipate a learning curve while tourists and residents adjust to any changes in local and state laws. Cities and states have developed public education campaigns and materials addressing frequent questions and assumptions.¹³

Local government leaders in communities electing to allow commercial cannabis activities observed entrepreneurial operators tapping into tourism interests. Many of the states out front early on legalized recreational cannabis are home to craft-oriented beer and/or wine production, which some view as complementary to high-quality, locally produced cannabis. Cities and regions have also seen a rise in “green tourism” services such as taxis/limousines and travel/tour agencies.

Public Safety

Property and Personal Crime

Local governments can anticipate concern that cannabis businesses may attract criminal activity such as burglary, theft, or more serious offenses. The persistence of a cannabis black market—the only market in some states—and

the cash-based nature of the industry do present conditions that could encourage such activity. These risks have not been lost on state and local regulators, who have built a range of precautions into cannabis licensing and land use regulations, such as requirements for security systems, lighting, and employee background checks to protect the businesses themselves as well as local communities.

As the sector generally most accessible to the public, retail businesses (or medical cannabis provisioning centers or dispensaries) are often a primary concern to municipalities. Communities implementing these protective operating and siting requirements reported overall satisfaction with their local legal operators and noted that providing standards for compliance shifts more of the responsibility from law to code enforcement. The City of Fort Collins dedicated a police officer to the industry whose work is characterized mainly as relationship building rather than punitive; police in the City and Borough of Juneau, Alaska also assist businesses with implementing best practices. The police chief in Pacifica, California, notes that previously illegal businesses avoided reporting burglaries and other crimes against their property for fear of exposing themselves. Now, they meet local safety standards and enjoy added protection from the police department—which hasn’t seen any significant increase in the calls for service.

Complementing these anecdotal reports from city administrators, the Washington State Institute for Public Policy provides statistics on several types of crime in the state since the legalization of recreational cannabis.¹⁴ Arrests for drug or narcotic violations decreased by approximately 15 percent since 2012. “Incidents” (or investigations, whether resulting in an arrest or not) identified as marijuana-related decreased by 63 percent from 2012-2015. Drug-only Driving Under the Influence (DUI) arrests, which do not differentiate marijuana from other drugs, decreased by about a third to approximately 1,200 for 2015. Among drivers involved in a traffic fatality who are tested for drugs or alcohol, there have been no significant growth or decline in those testing positive for marijuana alone or in combination with other drugs or alcohol. During that time, incidents identified as amphetamine/methamphetamine- or heroin-related increased by 72 percent and 41 percent, respectively. A follow up report released in 2017 found no evidence linking

Washington counties' retail cannabis sales with drug-related convictions.¹⁵

Safety Hazards

Cannabis product manufacturing/processing often involves chemical extractions, through which solvents are used to remove resin from plants and convert it into hash oil. The high-concentrate oil can then be infused into edibles, tinctures, and other products, or consumed by smoking or vaporizing. Because of the volatile solvents used, the extraction process should only take place in regulated environments using proper equipment and safety precautions—otherwise, risk of explosion is high. This is enough to dissuade some local governments from wanting to allow such activities in their communities.

Increased opportunities for legal cultivation of cannabis, including at the personal scale, may tempt amateur processors to attempt these extractions in unregulated settings such as residential neighborhoods. Beyond the threats to individuals involved and to first responders, the extraction process poses the additional risk of a fire spreading to other nearby structures. The City and County of Denver experienced nine hash oil explosions between January and September 15, 2014, and the state's primary burn center has seen a spike in extraction burn patients since 2012.¹⁶

An Important Distinction

To be sure, commercial cannabis-related crimes or safety hazards make the local news, and local government administrators acknowledged examples ranging from mundane to violent. A common theme, however, is their tendency to involve unauthorized cannabis activities, such as illegal grow operations in homes or on other private land.¹⁷ A black market exists, though its presence varies across communities, so even communities electing to ban cannabis to the fullest extent possible are vulnerable to these crimes.

Traffic

A more practical matter, predicting circulation impacts of commercial cannabis activities, is an emergent focus for transportation engineers. The County of Santa Barbara, California, provides an example of a detailed analysis estimating the potential impacts of seven different types of activities along the supply chain.¹⁸ Jackson County, Oregon observed increased traffic in rural neighborhoods since cultivation (both authorized and unauthorized) began to proliferate. The Seattle sub-

urbs of Kirkland and Issaquah also noted slightly more intense circulation and parking demand than anticipated for their early retail businesses. Interim Issaquah City Administrator Emily Moon noted, "In terms of trip generation, retail marijuana is similar to fast food in some ways. It's fairly constant traffic."

Public Health

Most states that have legalized adult use of recreational cannabis are dedicating a portion of their tax and fee revenues to public health initiatives, often with a particular youth focus.

Debate on legalization tends to be charged with conflicting claims about the relationship between cannabis and public health indicators. The Colorado Retail Marijuana Public Health Advisory Committee, a body of experts appointed by the Colorado Department of Public Health and Environment to provide unbiased and transparent evaluation of scientific literature and data on marijuana use and health outcomes, notes the complexity of evaluating these associations for strength (or lack thereof) and causality. Its reports break down the validity of common claims made about youth and adult use of cannabis and may be helpful to local governments in talking through community concerns.¹⁹

Youth Impacts

Public health experts, including the Colorado committee, do tend to agree that youth abuse of cannabis can be associated with lower graduation rates and increased susceptibility for addiction and mental health issues. Likewise, opponents and proponents of legalization are often united in concerns about potential increases in use/abuse among young people. But evidence that legalization of cannabis significantly changes patterns of youth use/abuse is lacking.

According to the biennial Washington State Healthy Youth Survey, rates of current marijuana use stayed relatively consistent for sixth, eighth, tenth, and twelfth graders from 2012 to 2016 (recreational legislation passed in 2012). Rates do increase across the age groups, from about 1 percent of sixth graders up to about a quarter of twelfth graders. Ease of access also increases by grade, but perception of access remained relatively consistent over time. Four percent of all Washington state students were suspended or expelled during the 2015-2016 school year. Of those, 9 percent (less than half a percent of all students) were suspended or expelled due to marijuana possession.²⁰

Colorado's youth surveys yielded similar results.²¹ Multiple analyses of the biennial Healthy Kids Colorado Survey agreed that marijuana use among statewide youth remained essentially unchanged from 2013 to 2015, though recreational adult use became legal in 2014. These same types of surveys are conducted across the country, regardless of cannabis' current legal status. Results of each state's youth surveys are used to inform and target education and prevention strategies that can be funded through legal cannabis revenues.

State requirements will also mandate buffering of sensitive uses, such as schools, child care facilities, parks, and other youth-serving centers. Typically, local governments will have the right to modify some of these provisions according to local preferences and conditions, though legal opinions vary about the flexibility to do so. Washington State allows local governments to reduce this buffer for everything except elementary and secondary schools and public playgrounds; the City of Kirkland exercised this option to accommodate businesses around 600-plus feet of licensed child care centers, given the layout of its zoning map. Communities may elect to impose additional restrictions, as was done in Grover Beach, California, which extended its buffers along designated school walking routes.

From 2015 through April 2018, the state of Washington logged approximately 200 violations for marijuana sale/service to a minor. Approximately one-third of those were issued in unincorporated areas; the rest were scattered across approximately 50 municipalities over the 3-plus year period. Reflecting on the strict requirements of Colorado's state inventory tracking system, Durango city staff noted that minors' access to cannabis was easier to regulate than alcohol.

Adult Use

Perspectives on adult use of cannabis and its health implications are much more divergent. With a majority of states now permitting some degree of medical cannabis use, clearly there is strong support for its therapeutic properties in certain situations. But discussions about cannabis as a recreational substance—informed by a blend of evidence and personal values—often conflate it with alcohol, tobacco, or opioids. Some argue that cannabis is less harmful or habit-forming than these other substances; others believe it to be a gateway to more serious substance abuse. The National Institute on Drug Abuse (NIDA) acknowledges that

habitual cannabis use can lead to “marijuana use disorder” or addiction in its most severe form, but these types of problems afflict a minority of reported cannabis users.²² NIDA also notes some evidence suggesting links between marijuana and other drug use for a minority of cannabis users, but that there are many complicating factors and further research is needed.²³

There is less dispute that the mind-altering chemicals in cannabis impair judgement, coordination, and reaction time. Depending on the form of consumption, the effects can be delayed and prolonged for hours; traces of the chemicals—though unfelt—can remain detectable in the bloodstream for weeks.²⁴ Even in states where recreational adult use or medical use is legal, it is important to remember that all laws and regulations concerning what one cannot do under the influence of cannabis—e.g., operate a vehicle, show up to work—still apply. The police department in Kirkland, Washington, was given explicit instructions not to “de-police” these sorts of behaviors that fall under its purview. Local law enforcement may benefit from additional training in how to identify and confirm potential violations, since assessing the influence of cannabis will typically require a blood test and may not be possible in the field.²⁵

Recent studies of states post-legalization have seen some upticks in public health statistics related to cannabis use. For example, annual average calls to the Poison Control Center in Washington increased by 73 percent in the years following legalization.²⁶ Colorado also saw increases in marijuana exposure calls, as well as in marijuana-related hospitalizations and emergency department visits.²⁷ These may be indications of legitimate concerns, such as a need to regulate concentration and packaging of edible cannabis products (which was done in Colorado), and they may be influenced by changes in patient honesty or medical billing practices. And as with all statistics on the industry, it is too soon to tell whether trends will continue, level off, or reverse. Fortunately, researchers will have access to more time-series data from more states as the legal landscape expands.

Environment

Odor

It can be a tough call as to which is more pervasive—cannabis odor or the concerns about it. Odor concerns, whether tied to the plants themselves or the smoke from consumption, are legitimate. For some, odor may

trigger allergies or asthma, for others it may simply trigger a reaction based on one's personal views about an historically taboo substance. It is possible for local regulations permitting cannabis uses to be a recourse for those most opposed to its odor, though there are some complicating factors.

In addition to siting activities in appropriate locations relative to other uses, land use regulations permitting activities along the cannabis supply chain will almost certainly include stipulations about odor control, aiming to reduce the likelihood of a nuisance issue. Regulations provide a means for enforcement; a neighbor can complain if aggrieved. Formal litigation of odor nuisance cases has had mixed outcomes, as it can be difficult to determine the nuisance threshold or to pinpoint the precise source. However, local governments recently authorizing commercial cannabis activities conceded that while odor issues may be more common at the onset, they tended to dissipate as businesses became "more professional" and are given a chance to improve their odor mitigation systems.

From a consumption perspective and as mentioned in the earlier discussion on tourism impacts, many local governments already have bans in place regarding smoking indoors and/or in public places. Land use regulations for commercial cannabis retail can and typically do prohibit onsite consumption.

Resource Impacts

Cannabis cultivation (and to some extent processing) also raises concerns about water, soil, and light/energy use, the specifics of which will vary depending on the local capacity (climate, infrastructure, etc.) for commercial cultivation. Some regulations, whether specific to cannabis or generally applicable to agriculture, will be set at the state level, and state departments of agriculture and natural resources have developed answers to frequently asked questions about regulations governing cannabis as an agricultural activity and water use.²⁸ Local governments may wish to direct prospective local growers to pertinent recommendations and regulations and clarify where additional local requirements (related to permitting siting, fencing, etc.) may apply, as Jackson County, Oregon has done.²⁹

The Department of Environmental Health for the City and County of Denver, Colorado developed a comprehensive guide to best practices on energy, water, and waste management for indoor growing facilities.³⁰ Though specifically developed in context of Denver's

sustainability goals, climate, and infrastructure, it provides useful overviews and metrics for the resource systems involved in cultivation.

Local governments will likely apply building and fire safety codes to regulate potential environmental nuisances and safety concerns related to lighting and compliance. Light pollution from outdoor cultivation, volatile extraction processes in manufacturing facilities, and the extent of personal cultivation allowed in multifamily facilities are all issues that local governments have dealt with using local codes.

Aesthetics

Finally, local governments will want to consider cannabis' implications on aesthetics of the natural and built environment. Jackson County, home to a significant share of Oregon's cannabis production, provides an aerial view of the use's significant impact on its landscape.³¹ Illegal, and to a lesser extent legal, grow operations there pose challenges to maintaining government survey corners, riparian buffers, and drainage. Municipalities may be more concerned about signage, fencing, and generally ensuring that the cannabis industry not overtake the character of an urban or suburban environment. Fort Collins, Colorado prohibited the use of cannabis-affiliated phrases and images in signs for cannabis businesses. Many municipalities prevent the creation of a cannabis district through clustering by including some method of business-to-business setbacks in their regulations. Alternatively, others intend to cluster all cannabis businesses in one or few districts, in order to prevent siting in the majority of the municipality while ceding only part.

Summary and Recommendations

Based on our research, ICMA offers the following recommendations to local governments considering whether and/or how to allow commercial cannabis activities.

1. **Assess the federal, state, regional, and local contexts for your decision(s).** While the letter of federal cannabis law has not changed for some time, interpretation and enforcement priorities continue to shift. But more urgent are conditions at the state level and below. Some sample questions to consider:
 - a. Does current or pending state law prescribe any decision points? *Must you opt in or out of default situations?*
 - b. How did your community vote on past cannabis ballot measures? *Do those results entitle*

you to different powers (such as the ability to tax or the ability to impose a complete ban)? Does your community lean one way or the other in its opinion on cannabis?

- c. What's happening in surrounding communities that may impact you? *Are the county and its municipalities talking with each other about this issue? Are your priorities complementary or in conflict?*
- d. To what extent can you lean on state regulations and enforcement? *Are regulations specific enough? Do you believe resources are adequate to perform state-level responsibilities?*

2. Assemble a diverse, coordinated leadership team.

Local administrations successfully navigating the early legal cannabis landscape credited clear, steady direction from their elected officials—including rationale or objectives for local regulation—as extremely helpful.³² In addition to elected officials and chief administrative officers, planning, police, legal, and finance staff tended to serve in critical leadership roles. But cast a wide net across your organization, as the industry has potential to impact many additional systems and functions.

3. Plan for deliberate, transparent community engagement.

Even communities voting strongly in favor of cannabis legalization can still struggle with implementation.³³ Provide multiple ways outside of formal meetings and public hearings for community members to review and comment on potential regulations, such as community surveys or other online platforms and in neighborhood/community-wide events.³⁴ Expect questions, expect fears, and be willing to demonstrate how proposed regulations have accounted for community concerns. Maps showing eligible locations for cannabis businesses as well as sensitive uses are very helpful tools, as are summaries of key steps taken and reference documents posted on your website. While time-consuming, local governments following this model were comfortable reflecting on their processes and were later able to make decisions without significant debate.

4. Regularly monitor indicators and review your regulations.

This is a new industry that will continue to experience growing pains, especially as the state and federal context continue to shift.

While states and local governments adopting early legislation are beginning to generate data, figures should still be considered preliminary. Even in states where legalization passed several years earlier, businesses are just starting to open, following long processes to develop regulations and process applications, and local leaders are standing by to watch for indications that the industry needs more (or less) regulation. “Start early and walk a slow path,” suggested one California city manager—a sentiment echoed by many of his peers’ actions. Be wary of doors that are difficult to close once opened; consider sunset provisions or temporary caps as ways to test your local market and assure residents that you will continue to revisit regulations and make adjustments as necessary.

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Local Impacts of Commercial Cannabis CASE STUDIES

The following case studies describe the motivations, processes, and decisions of 10 local governments to regulate commercial cannabis activities in their communities. Though selected from states with longer histories of recreational and medical cannabis laws, these local governments are continuing to monitor the industry and adapt their strategies.

CASE STUDY:

Carpinteria, California



Carpinteria is bordered by the Pacific Ocean to the southwest and rural oceanside hills to the southeast, while the areas north and northwest of the city are agricultural zones dotted with greenhouses primarily for the cut flower industry. That industry was once a thriving sector in California's economy, but many years of competition have decimated it. Greenhouses that once grew flowers are now prime real estate for recreational cannabis cultivation.

The marijuana industry has been moving into Carpinteria Valley greenhouses for years, but the pace of turnover increased once flower growers began to look for more profitable ventures. Some greenhouse tenants and owners turned to growing vegetables or even stayed with flowers, but many others have converted to growing cannabis or sold their stake to someone who does.

City and County

The City of Carpinteria has instituted a moratorium on legal marijuana businesses through May 2019 while it continues a deliberate process of determining regulations for the city. In contrast, Santa Barbara County



COMMUNITY PROFILE

Population (2017): 13,622

Land area (in sq. miles): 2.59

Median Household Income: \$72,901

Source: United States Census Bureau

moved quickly to establish regulations for allowing cultivation and other cannabis businesses as soon as California licensing became available. Santa Barbara County is the home of the most cannabis cultivation licenses in California, outpacing the counties of Humboldt, Mendocino, and Trinity, counties known for their marijuana cultivation.¹ All of those licenses in the vicinity of Carpinteria, many of which were originally granted for growing medical marijuana, lie on Santa Barbara County unincorporated land. Carpinteria's incorporated area does not include the agricultural portion of the Carpinteria Valley, and the city does not regulate it.

After the passage of Proposition 64 in November 2016, Santa Barbara County first began the process of deciding how to approach locally regulating the cannabis industry. At that point, Carpinteria city officials were poised to work alongside Santa Barbara County officials and attended multiple meetings with county officials on the subject. However, it soon became clear that the city and the county were guided by different philosophies. Carpinteria's interest in potentially allowing and regulating cannabis businesses stemmed from public support within the community, but city officials and residents were, and still are, in favor of a cautious and deliberate approach to developing regulations. Santa Barbara County was under pressure to quickly establish its regulations in order to limit the impact from a large and growing number of unregulated or black-market cannabis operations, generate revenues, and create a commercially viable cannabis market as an alternative to lost jobs in the cut flower industry.²

These differences in approach forced Carpinteria into a reactionary position. As Santa Barbara County proceeded with its big-picture approach through the summer of 2017, tension was high in Carpinteria from a frustrating process of legal proceedings. The city was able to extract some of what it wanted from the county, such as a cap on greenhouse canopy size and a prohibition on outdoor cultivation.

Currently, the area's cannabis cultivation industry is operating in the California Coastal Zone, which includes the Carpinteria Valley, through county-issued interim permits until the formal permitting, regulation, and revenue-collection process passed by Santa Barbara County undergoes a legal review by the California Coastal Commission. Cannabis operations in Santa Barbara County outside the Coastal Zone are operating under the county's land use code and Cannabis Business License Ordinance as of June 2018.³

Preserving the Character of Carpinteria

Cut Flower Industry

The Carpinteria Valley cut flower industry had been struggling for years due to international competition. Low-wage workforces in South and Central America left California flower growers unable to compete on price, leaving many as the owners and lessees of empty greenhouses. A number of those greenhouse owners and lessees turned to cannabis cultivation due to the high value of the crop. The first to convert were medical cannabis cultivators under the previous regime of California medical cannabis law. Local governments had little to no regulatory or administrative authority over these operations, leaving unfixed problems that were generally foreign to flower growers, such as noxious odors and security issues. As Santa Barbara County registers and regulates these operations under the new commercial cannabis regulatory regime, those issues should subside.



Cannabis greenhouse

Economic Equilibrium

The City of Carpinteria's interest in strengthening the county's cap on cannabis cultivation is twofold. One concern is ensuring that agriculture in the Carpinteria Valley is not dedicated to a single use. The flower industry decline was especially painful as most greenhouses were entirely dependent on it.

Community character and aesthetics comprise the second motivating factor for a cap. In 2002, Santa Barbara County enacted an ordinance to preserve open field agriculture and limit unsightly piecemeal greenhouse construction, but Carpinteria was concerned that a lack of a regulatory cap on cannabis cultivation could undermine that ordinance. A boom-

ing cannabis cultivation industry could potentially take over the Carpinteria Valley's available greenhouses and increase the demand for the construction of even more greenhouses.

At this point in its lifecycle, the cannabis cultivation industry has different effects on local economic activity than the cut flower industry. Observations from Carpinteria show that cannabis cultivation generates less intensive industrial traffic than cut flowers. However, that may be offset by increased traffic from laborers. Greenhouse cannabis cultivation uses approximately 595 square feet per worker (FTE), compared to (conservatively) 38,314 square feet per worker for cut flower growing.⁴ This discrepancy is confirmed anecdotally in Carpinteria, with far more cars parked outside the greenhouses that have moved to cannabis cultivation as opposed to those growing flowers or vegetables.

Odor

Medical cannabis has been growing and generating odor just outside Carpinteria city limits for the past few years, but the problem worsened when recreational cannabis was authorized. Agriculture is typically not subject to odor complaints under Right to Farm protections, and Santa Barbara County regulated medical cannabis cultivation in this manner as well.⁵ This led to an underenforcement of nuisances like odor and the lack of a regulatory infrastructure at the onset of recreational cannabis, with many residents voicing their complaints. Carpinteria High School, across the street from several greenhouses that cultivate cannabis, was forced to air out classrooms and send home students who were negatively impacted by the odor.⁶

The odor situation has improved in Carpinteria over the past year as some of the greenhouse cannabis cultivators have started to take steps to prevent odors, investing significantly in odor mitigation technology. Santa Barbara County cited evidence from San Diego and established Carpinteria cultivators showing this technology, called a Vapor-Phase System, to be effective in mitigating odors from greenhouse cannabis cultivation facilities.⁷ There are limited number of greenhouses continuing to emit strong odors and operate without the preventative measures. Those greenhouses will either be required to mitigate odors in order to become compliant or will be shut down once Santa Barbara County begins to regulate cultivators within the Coastal Zone following the review by the California Coastal Commission.

Key Observations

The City of Carpinteria prohibited all commercial activity in the previous medical cannabis regulatory regime, but the city will potentially allow some commercial cannabis operations once their new regulations are developed and adopted. Those operations will likely be limited to manufacturing and testing to complement the already existing cultivation in the Carpinteria Valley. The Carpinteria City Council is not currently inclined to allow recreational cannabis retail stores and believes they would cause neighborhood problems, an assumption based on observing the previous iteration of medical cannabis stores that existed under the earlier state regulations. The council's preferred approach is to watch the results of recreational cannabis storefronts in other cities before deciding whether to allow them in Carpinteria.

Although Carpinteria's long-term priorities are clear, City Manager David Durflinger notes that it is challenging for a small local government to develop the expertise necessary to both interact in a regulatory process with an adjoining county and to develop its own regulations.

Interviewee:

David Durflinger, City Manager

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CASE STUDY:

Durango, Colorado

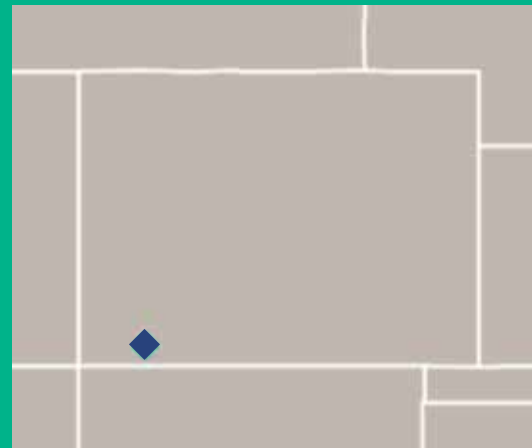


The City of Durango is located along a historic railway and the Animas River at the foot of the San Juan Mountains in southwest Colorado. Home to 18,000 residents and a key destination in the Four Corners region, tourists and commuters nearly double its population daily.

An Industry Emerges

In 2000, La Plata County and the City of Durango voters strongly supported an amendment to Colorado's state constitution legalizing medical cannabis. However, nearly a decade would pass before any legal commercial activity materialized due to uncertainty surrounding federal preemption. The Obama administration's initial issuance of guidelines for states with legal medical cannabis, which indicated that the Department of Justice would not prioritize prosecutions, provided a long-awaited green light to would-be operators.

Durango's staff was caught off-guard when the first business approached the clerk's office for a cannabis license in 2009. Quick consultations with the city attorney and administration confirmed a lack of any local restrictions at the outset, resulting in the issuance



COMMUNITY PROFILE

Population (2017 Census Estimate):
18,465

Land Area (square miles): 9.92

Median Household Income: \$60,334

Source: United States Census Bureau

of four early commercial medical licenses at just \$50 apiece (the general business license fee)—including to one cultivation operation.

This triggered an exhaustive process to determine the appropriate zoning, fees, and other local restrictions on such businesses. Multiple moratoria were implemented while the city engaged in research and discussion. While initial discussions were limited to medical marijuana, the legalization of recreational marijuana in 2012 extended the conversation such that the city was actively working on some aspect of local marijuana issues all the way through the end of 2017.

Though Durango residents voted in support of legalization in both 2000 and 2012, the process to develop regulations was contentious. Identifying appropriate setbacks from sensitive uses such as schools, daycare centers, and parks proved especially challenging, as the default state standards did not align well with the city's long and linear orientation and needed to be reduced (either by right or with a variance) in order to provide enough options for businesses. Other major concerns included the location and number of businesses within the Central Business District, potential issues with lights used by cultivators, and security and fire code compliance. Recognizing that land use decisions can be hard to revert once a door is opened, city staff feel this discussion was worthwhile.

The most significant progress was made in 2014, when a series of ordinances were passed establishing comprehensive land use standards and a local licensing process for commercial medical/nonmedical retail and testing businesses. License fees increased to as much as \$10,000 for a new business and \$8,000 for a renewal every year.¹ Commercial cultivation and manufacturing of infused products were prohibited based on a shared understanding with La Plata County about the types of uses best suited to county and city land.

Since then, the city has received annexation requests that would extend water and sewer services to marijuana cultivators located on fringe land. Following discussions with staff, the planning commission, and the city council, the city decided to extend water and sewer services in exchange for long-term control of land use planning. Reasoning that users—including marijuana cultivators—could come and go, city officials believed it would be advantageous to apply the city's more rigorous requirements for elements such as sidewalks, street trees, and signage.



Cannabis dispensary

A Regulated Industry: Initial Impressions

Though the city did not place explicit caps on the number of licenses allowed and did loosen some of the setback requirements, prospective businesses still had trouble finding locations because property owners were reluctant to lease for such uses. As a result, businesses were forced to turn to purchasing their own property at premium prices.

For those businesses that were able to secure locations, the initial licensing and enforcement process was challenging as the state provided little guidance and the rules continued to evolve. Durango's liquor licensing authority expanded its oversight to include marijuana licensing and devoted time to screening and rejecting applications from businesses whose employees had histories of criminal activity. Eventually, the city concluded that decision could be left to the operators who could be expected to act in the best interest of their legal businesses.

Code enforcement was also intense at first to ensure businesses were operating in line with the newly established regulations. While he can recall scattered specific incidents of crimes tied to marijuana activities in the early days of statewide legalization, City Manager Ron LeBlanc is not persuaded of a significant negative impact on public safety. From an enforcement perspective, staff feel the industry has actually been easier to regulate than liquor licenses.

Though Durango did not pursue a dedicated local tax on marijuana as a part of its 2014 regulations, the standard 3-percent local sales tax still applied to the industry. Revenues from marijuana businesses exceeded local expectations, suggesting the black mar-

ket had been much larger than the city had anticipated. Total sales and use taxes collected by the city jumped by approximately \$1 million from 2014 to 2015.²

The cash-based nature of those taxpayers presented an additional complication for Durango City Hall, which was not a fully secure facility when marijuana businesses first started to pay local taxes. Though security has since changed, finance staff were unnerved when the first businesses showed up to pay monthly tax bills with stacks of cash, and parking staff needed to accompany them when making transfers to the bank.

The Industry Matures

With no new business applications submitted in the last two years, the industry appears to have reached market saturation in Durango. Prices are coming down, businesses are consolidating, and protests from the vocal minority opposed to the industry have faded.

Durango's administration believes the impact on tourism has been a net positive, noting a steady stream of creative business proposals for transportation and green tourism experiences over the last few years. At the same time, ample restrictions on consumption, including in private social clubs, help to keep use out of public view.

In 2017, with marijuana sales responsible for about \$825,000 in sales tax revenue—just over 3 percent of the city's total sales tax collected—Durango floated the possibility of a dedicated marijuana excise tax.³ Already burdened with a significant increase in the State of Colorado's tax rate (with no additional pass-through to local governments), the industry responded in force against the proposal and city leaders were forced to abandon those plans.

Key Observations

Durango's 2017 attempt to further raise revenues from its successful marijuana businesses with a specific excise tax was met with strong industry opposition. Local governments should consider these issues early, before new taxes would burden the industry.

The marijuana black market in and around Durango was much larger and more active than the city realized, evident from the higher-than-predicted sales tax revenue. At the same time, other local governments have seen tax revenues fall short of expectations. Rather than predicting a specific number, a wide range of possible tax revenues should be analyzed.

Interviewees:

Ron LeBlanc, City Manager
Amber Blake, Assistant City Manager
Dirk Nelson, City Attorney
Amy Phillips, City Clerk
Chris Harlow, Deputy City Clerk
Ben Florine, Deputy City Clerk
Suzanne Sitter, Legal Coordinator

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CASE STUDY:

Fort Collins, Colorado

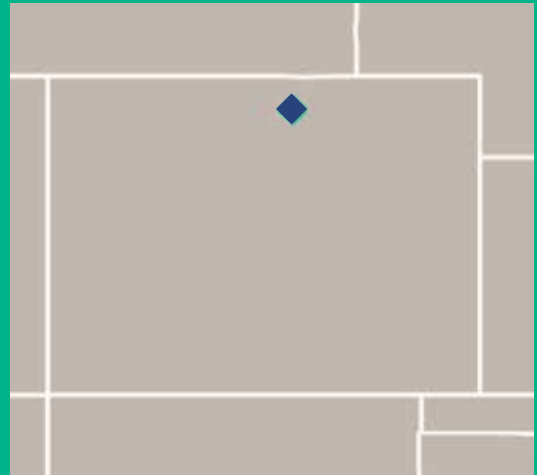


Fort Collins is a city in northern Colorado known for its picturesque landscape, craft breweries, and bicycle culture. Home of Colorado State University and campuses for the technology companies Hewlett-Packard, Intel, and Agilent, the city of 164,000 has made strides in smart city utilities innovations.

In 2000, Colorado voters passed Amendment 20, legalizing small amounts of medical marijuana in the state. A July 2009 language change by the Colorado Board of Health in the state medical marijuana law removed patient limits on medical marijuana caregivers, allowing them to become de facto dispensaries.¹ The change caused a rush in requests for the types of licenses that would allow people to be medical marijuana caregivers, such as home occupation licenses.

In December of 2010, Fort Collins enacted an emergency moratorium in order to end the rush of medical marijuana dispensaries, which had quickly outpaced the city's desire to evaluate and regulate this new business type.

In March of 2011, the Fort Collins City Council took action to proceed with licensing dispensaries, cultivation, and the entire medical marijuana process. By Octo-



COMMUNITY PROFILE

Population (2017): 165,080

Land Area (square miles): 54.28

Median Household Income: \$57,831

Source: United States Census Bureau

ber that year, Fort Collins was home to approximately twenty medical marijuana dispensaries.

The dispensaries were short-lived. In the odd-year election, Fort Collins voters passed a citizen-initiated ballot measure to ban all medical marijuana activities in the city. Enforcement was completed by February 2012.

The ban on medical marijuana lasted just one month longer than the first iteration of allowing dispensaries. In the 2012 election, another citizen-initiated ballot measure brought back the medical marijuana dispensaries. This city-wide ballot measure was separate from and concurrent with Colorado's Amendment 64, which legalized adult recreational use and retail sales throughout the state. However, since Amendment 64 included a local government opt-in provision, Fort Collins staff was able to focus on medical marijuana before taking on retail sales. Following the conclusion of the medical marijuana reinstatement, the City Council adopted regulations for a limited recreational marijuana business license process.

Regulations

The second citizen-initiated ballot measure for medical marijuana built in a cap for dispensaries tied to the number of cardholders: one medical marijuana dispensary would be allowed for every 500 medical marijuana cardholders in Larimer County. This cap was proposed by marijuana proponents as a way to make the second iteration of medical marijuana more palatable for the electorate. Currently, there are enough medical marijuana cardholders to allow for nine medical dispensaries in Fort Collins. However, due to a provision that grandfathered in any dispensary that had been shut down in February 2012, eleven licenses have been granted to medical marijuana dispensaries, ten of which also have a retail-recreational marijuana license.

Since Fort Collins requires a medical marijuana dispensary license before granting a retail dispensary license, the cap also acts as a limit on recreational marijuana licenses.

Fort Collins also grants cultivation licenses, but only to holders of another marijuana business license, such as retail or manufacturing. Personal cultivation in homes with shared walls, sheds, or detached garages and in mixed-use buildings is also banned in Fort Collins, due to safety and odor concerns. Greenhouses, while not banned, must follow the requirement that cultivation only be done in a "locked and enclosed" space. They are de facto banned for non-commercial cultivation, due to

the requirement that personal use cultivation not take place in outbuildings.

Despite these regulations, Fort Collins still has to combat illegal and unlicensed cultivation. Fort Collins' marijuana enforcement officer investigated approximately fifty complaints in 2017 and is on track to meet that number in 2018.

Fort Collins took additional steps to manage the divided community by restricting the locations of business through zoning, implementing setback requirements, and regulating the type and level of advertising that dispensaries can utilize.

Far exceeding the state's restrictions, Fort Collins broadly bans signage and advertising that would clearly associate the location with marijuana, as well as prohibiting portable advertising such as leaflets, flyers, and handheld signs.²

While the regulations are stringent and specific, they are not always easy to enforce, especially when it comes to odor complaints. Lots of industrial warehouse space in Fort Collins has been bought or rented for marijuana-related activity, creating clusters of marijuana businesses. Due to the way in which the spaces are divided and located, it can be difficult to pinpoint the source of odor issues.

Staffing

Fort Collins convenes an interdepartmental taskforce with representation from the fire department, planning department, clerks, police, and other departments as appropriate. This task force monitors the marijuana environment in Fort Collins and Colorado as a whole and makes recommendations to the council on any changes needed to the marijuana code, stemming from everything from upcoming state legislation to nuisance indicators.

Fort Collins hired an outside attorney through an open bid to serve as the retail marijuana licensing authority. The attorney performs duties such as receiving applications, making decisions on whether to grant licenses, and leading hearings. The cost of the attorney is covered through licensing fees. Fort Collins hired an outside attorney to perform these tasks because the municipal judge, who is also the liquor licensing authority, declined the authority to do so based on her workload.

The city has a single police officer dedicated to marijuana enforcement who performs pre-inspections and spot inspections. Originally, inspections were conducted by police officers who were not able to go out on patrol due to injuries, causing the task to be seen as undesirable. The dedicated marijuana enforcement officer, a well-respected and long-time Fort Collins police officer, emphasizes relationship building with license holders as well as the state marijuana enforcement division.

The Colorado General Assembly creates new types of marijuana licenses annually. Fort Collins has lobbied at the state level to ensure that these new licenses have opt-in provisions at the local level. With local government opt-ins, the Fort Collins task force has the ability to review new license options and weigh community impacts when determining whether to allow them.

Recent examples include the addition of a research license, which was desired by a local start-up company. The task force decided that the impact from the research license was manageable, as this license does not allow for the selling of marijuana and involves only a small number of plants. Alternatively, Fort Collins decided against approving a license for off-premises storage based on a task force recommendation. Additional storage of large quantities of marijuana was seen as undesirable by the task force, and the Fort Collins marijuana businesses did not express the need for this type of license.

A Community Divided and the Industry Today

Fort Collins residents are often split on issues, and marijuana has been no different. In the heavily values-based debate during the back-and-forth bans of 2011 and 2012, opponents of legal marijuana painted a doom-and-gloom picture while proponents focused on health aspects of medical marijuana and argued that prohibition is ineffective at reducing illegal activity. Years later, with new regulations in place, marijuana remains a lightning rod and a complex issue in Fort Collins. To avoid controversy and regulation fatigue, staff and the task force package issues together for council action, even for issues as simple as ordinance clean-up.

While opposition still exists in the community, the industry has been able to mature. City staff describe businesses as increasingly professional and better able to control for issues like odor and underage purchasing.

Development pressure on industrial land is palpable, but restrictions on licenses keep growth in check.

Key Observations

Fort Collins goes a long way to ensure that residents opposed to marijuana businesses are not burdened or bothered by them. These efforts are evident in the city's advertising restrictions, cultivation requirements, and method of bringing issues to the Council. Overall, the thinking in Fort Collins is to keep marijuana compliant with an "out of sight, out of mind" philosophy. By tying the number of dispensaries allowed to the number of medical cardholders in the county, Fort Collins was able to balance allowing marijuana businesses, in compliance with the results of the initiative, with managing the number of businesses. When considering additional types of licenses, Fort Collins checks with the existing businesses on what licenses they need and only approves what is needed. Instituting a needs-based cap on businesses and only allowing the licenses that existing businesses need, the city is better able to manage industry growth.

Through appropriate preparation, task-specific staffing, collaboration, and bringing in outside help, Fort Collins was able to properly manage its in-demand marijuana industry without being overwhelmed, as well as cover a significant portion of the costs of regulating the industry.

Interviewee:

Ginny Sawyer, Policy & Project Manager

Endnotes

- 1 "Auraria crowd stands up for access to medical marijuana," Denver Post, May 6, 2016. <https://www.denverpost.com/2009/07/20/auraria-crowd-stands-up-for-access-to-medical-marijuana/>
- 2 See the Article XIV of the Fort Collins Municipal Code, which implements provisions of the Colorado Medical Marijuana Code (https://library.municode.com/co/fort_collins/codes/municipal_code?nodeId=CH15LIBURE_ARTXVIMEMA) and Article XVII, which implements provisions of the Colorado Retail Marijuana Code (https://library.municode.com/co/fort_collins/codes/municipal_code?nodeId=CH15LIBURE_ARTXVIIIREMA_DIV3LIFEREPR_S15-617SIAD).

CASE STUDY:

Grover Beach, California



Grover Beach is a small bedroom community on California's Central Coast, located along the iconic Pacific Coast Highway 1 and U.S. Highway 101, halfway between San Francisco and Los Angeles. The seaside city, along with the neighboring cities of Pismo Beach and Arroyo Grande and the wineries of San Luis Obispo County, is a popular tourist destination.

The City of Grover Beach's initial efforts to regulate commercial cannabis activities trace back to late 2015, after the state passed a package of bills outlining new medical cannabis regulations. California local governments were under the direction from the state to pass land use regulations that regulated or prohibited commercial medical cannabis activities; if local governments did not do so, the state would become the sole licensing authority in that municipality. The ultimatum caused many local governments, including Grover Beach, to pass indefinite or permanent moratoriums on commercial medical cannabis activities by the state's March 1, 2016 deadline.

While the moratorium was in effect, the Grover Beach City Council directed City Manager Matthew



COMMUNITY PROFILE

Population (2017 Census Estimate):
13,628

Land Area (square miles): 2.3

Median Household Income: \$58,895

Source: United States Census Bureau

Bronson and his staff to draft regulations and a proposed tax structure for the purpose of allowing commercial medical cannabis activities in the future. Such activities were seen by the City Council as an economic opportunity for the city in attracting private investment and providing additional jobs. The tax structure, which covered both medical and recreational cannabis businesses if also allowed by state and local laws, was approved by 70 percent of voters in November 2016—the same election in which the statewide proposition to legalize recreational use passed.

Regulation Development

Between November 2016 and May 2017, Grover Beach crafted broad regulations that would allow a wide range of commercial medical cannabis businesses in the city. Cannabis was on the agenda of multiple public workshops and approximately ten to fifteen planning commission and council meetings, drawing the largest turnout ever for a council meeting in January 2017. Public engagement has decreased substantially over time, even though the regulations established in May 2017 continue to be modified to reflect changes made at the state level and the needs of Grover Beach. While initial regulations were limited to commercial medical cannabis activities only, in May 2018 they were expanded to the recreational or adult-use market through a series of amendments ultimately approved on the council's consent agenda.

The city allows every type of commercial cannabis license including cultivation, processing/manufacturing, testing, distribution, and retail. All cultivation must be conducted in an enclosed indoor space; both outdoor and greenhouse cultivation are explicitly prohibited in Grover Beach given concerns about security and ensuring architectural compatibility with buildings in an industrial zone. (Other cities ban greenhouse cultivation due to operating hours enforcement and the potential for a dispute over the definition of a greenhouse.)

Like some other built-out or compact cities, Grover Beach chose to reduce certain sensitive-use setbacks—in this case, setbacks related to youth centers. This is because the state's default setbacks would have resulted in a de facto ban on commercial cannabis businesses, given the proximity of Grover Beach youth centers to industrial zones where cannabis businesses would otherwise be allowed. With local regulations still restricting cannabis businesses to industrial areas, the

city felt comfortable in determining reasonable setback requirements to address community needs.

In addition to stringent cannabis-specific safety and security measures that exceed the state's requirements, Grover Beach mandates that commercial cannabis businesses make public improvement to their properties to meet code requirements, such as fixing curbs, sidewalks, and landscaping. This mandate is due to commercial cannabis businesses needing a discretionary use permit to operate in contrast to “allowed” uses that do not trigger the same level of code requirements. City Manager Bronson described these required improvements as an opportunity to “raise the bar” on the development standards and aesthetics of the city's industrial areas. Due to the strength of the retail applicants and stringent regulations, Grover Beach increased its original cap of two retail businesses set in May 2017 to a cap of four in December later that year. As of May 2018, the city has issued four retail permits and four manufacturing permits with several other manufacturing permits expected to be issued by mid-2018.

An Economic Development Opportunity

Grover Beach expects to be a production, distribution, testing, and retail hub for boutique cannabis products due to the city's available industrial land, proximity to major highways, and array of products already being produced in the area. With the opening of its first cannabis retail facility in May 2018, Grover Beach has the lone commercial cannabis location for well over one hundred miles.¹ It is anticipated to cause a significant increase in business from locals as well as tourists heading to the adjacent Pismo State Beach, many of whom are from the commercial cannabis-free California Central Valley.

“As a City Manager looking at economic development, I see the opportunity to create a cannabis ecosystem in our community given our unique niche in this field.”

— Matthew Bronson

Grover Beach has made a market-based choice to embrace the commercial cannabis industry in a thoughtful and safe manner. Existing businesses in the city are generally supportive of the move to allow commercial cannabis development, but there have been impacts from this changing market condition. The intention to create a free and open market for commercial cannabis



Courtesy of Grover Beach

Opening day for Grover Beach's first retail cannabis establishment.

has caused land value in the industrial park area to rise, and the rent for existing business owners has risen with it. Some businesses have had to relocate to other parts of the city, and some have left Grover Beach entirely. Nevertheless, the city expects a significant overall net increase in the number of businesses, jobs, and tax revenues due to the influx of commercial cannabis.

The coastal California city will be looking to multiple metrics for judging the initial success of commercial cannabis, mainly tax revenue and the number of new businesses. Grover Beach's tax structure is a 5 percent tax on gross retail receipts and 3 percent on gross receipts of manufacturers, distributors, and other commercial uses. It also includes a \$5 per square foot tax on cultivation uses.

One of Grover Beach's objectives was to not tax cannabis businesses back into the underground economy. The 5 percent tax on gross retail receipts was originally 10 percent, as approved by the voters. The City Council lowered the rate in order to follow the general rule of thumb to not exceed a 30-percent effective tax rate on an industry. Total revenues from commercial cannabis businesses are forecast to climb from approximately \$700,000 in the first fiscal year toward up to \$1.5 million annually once the industry matures, which would equate to nearly 20 percent of the city's general fund. The city conservatively estimates the recent expansion to the adult-use market may yield a 25-percent increase in revenue.

Key Observations

Grover Beach moved forward with the intention of treating this industry as a major economic development opportunity. The relative equidistance between Los Angeles and San Francisco, lack of commercial cannabis activity in the area, and available industrial land marked Grover Beach as an ideal location for commercial cannabis businesses to open distribution and manufacturing operations.

While motivated by economic development, the city's approach has been measured. Grover Beach has leveraged its industry assets to gain additional value from these businesses through required property improvements. At the same time, the city has continued to adapt its tax scheme to ensure the businesses aren't driven back underground.

It is also worth noting perhaps the biggest risk of making this industry part of an economic development strategy: it exists in the shadow of the federal government. Manager Bronson notes that any new or more aggressive enforcement has potential for a "chilling effect" on the industry both statewide and in Grover Beach. The inability of cannabis businesses to use the banking system, given federal restrictions, is also a continued challenge given the scale of the multi-billion-dollar cannabis industry.

Thus far, however, Grover Beach has instituted a thorough process to develop and tweak regulations that have helped the public and business community to buy in. The public has since complimented the city on how regulated the industry is, and as a result, has been supportive of its local growth. Evidence from this case and others suggests that starting with stringent regulations on commercial cannabis, and slowly relaxing them until the desired outcome is reached, is a more effective method than attempting to tighten already relaxed regulations.

Interviewee:

Matthew Bronson, City Manager

Endnotes

- 1 Monica Vaughan, Brad Branan, and Nathaniel Levine, "SLO county is a 'pot desert' now—but not for long. A dispensary will open soon," The Tribune, March 26, 2018. <http://www.sanluisobispo.com/latest-news/article206482199.html>

CASE STUDY:

Southern Oregon – Jackson County and City of Ashland



Oregon was the first state to decriminalize personal possession of marijuana in 1973, and its voters legalized medical marijuana cultivation and use in 1998 through the ballot with Measure 67. Multiple efforts to amend the state’s medical and recreational marijuana policies were proposed—and generally defeated—in the subsequent two decades, but the dynamic changed in 2014. Citizen-initiated Measure 91, which passed with 56 percent of the vote, authorized the commercial production, sale, purchase, and possession of marijuana for adult recreational use. It delegated recreational marijuana oversight to the Oregon Liquor Control Commission (OLCC) but provided for local governments to establish reasonable restrictions on the time, place, and manner in which the industry could operate in their communities.

As illustrated by the following two cases, the implications for Oregon counties have been distinct from those of municipalities.

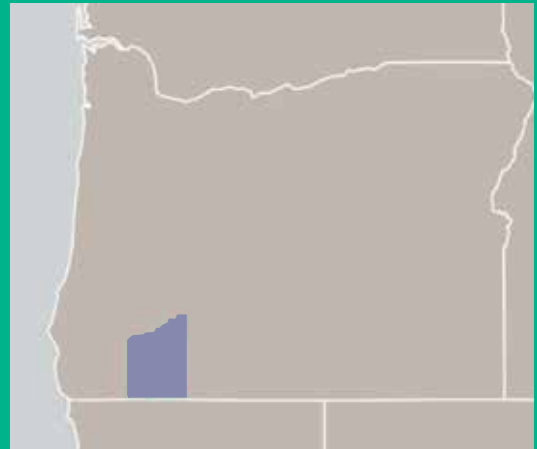
JACKSON COUNTY

Jackson County is a southwest Oregon county of 217,000 residents, home to numerous vineyards, campgrounds, and loggers. The county is part of the Southern Oregon American Viticultural Area and is an ideal environment for growing grapes.

Oregon has a unique land use system designed to encourage development in incorporated cities and keep unincorporated county land for farm and forest uses. Since 1973, the state has maintained a progressive farmland protection program through which counties inventory, preserve, and appropriately zone their agricultural resource lands.¹ The state's Right to Farm Law affords further protections from nuisance charges or local restrictions to agricultural activity on land zoned for such use.² Measure 91 was amended by the state legislature in 2015 in an attempt to resolve uncertainty about whether cannabis cultivation is a protected agricultural activity and what types of regulations/restrictions local governments could implement. However, this created more questions than answers. Every local government now has its own regulations on production of marijuana; these can vary widely, which creates state-level enforcement hardships.

Jackson County's rural residential zoning already prohibited commercial agriculture, but Jackson County was progressive and quick in developing its own regulations for marijuana production, processing, and wholesale and retail sales.³ The section added to its Land Development Ordinance in 2016 includes specifications on where marijuana activities can be sited, including buffering and fencing requirements; protections against nuisances such as odor or light pollution; and restrictions on hours of operation. Despite allowing most activities with appropriate regulations, the county has faced significant challenges in the face of legalization, largely tied to marijuana production.

Home to a number of vineyards and pear orchards in the area known as Rogue Valley, Jackson County has an ideal environment for agriculture.⁴ Medford, the county seat, averages 195 sunny days and 52 days of precipitation per year.⁵ The climate in Oregon, especially Jackson and Josephine counties, has attracted a large number of marijuana growers both before and after legalization. Jackson County alone produces over 100 tons of medical marijuana per year as tracked by the Oregon Health Authority; the OLCC does not yet have a complementary system to inventory recreational



COMMUNITY PROFILE

JACKSON COUNTY

Population (2017): 217,479

Land area (square miles): 2,783.5

Median Household Income: \$46,343

Source: United States Census Bureau

marijuana production.⁶ Though legalization has driven up the value of private resource land, arable land, and current farmland that is usable for marijuana, growers are increasing in number, with over 1,000 licensed producers in the state, 203 of which are located in Jackson County. On the sales front, Jackson County has only 34 of Oregon's 550 licensed retailers and 15 of 124 its licensed wholesalers.⁷

Since marijuana cultivation was authorized in Jackson County, code and planning complaints have spiked dramatically. In the 2016 to 2017 period, the first full fiscal year since authorization, the county received 1,038 planning violation complaints and 425 code enforcement complaints—45 of which went all the way to a hearing, close to triple the normal level for the county. In the first 11 months of the 2017-2018 fiscal year, Jackson County received 649 planning violation complaints and 383 code enforcement complaints, according to Jackson County Development Services.

Three important caveats apply to these statistics on complaints: (1) enforcement is complaint-driven and all complaints are investigated; (2) complaints received related to marijuana cultivation in Jackson County are



Courtesy of Jackson County

Aerial footage of Jackson County cannabis farms.

largely attributed to unauthorized growing, not to cultivation that attempts to follow the established regulations; and (3) many residents are hesitant to send in complaints about illegal growing for fear of retribution, so it is believed issues may be under-reported.⁸

Common complaints deal with such issues as the following:

- Excessive use of water and light pollution
- Theft and safety concerns in/around grow sites
- Aesthetics, odor, and/or noise
- Traffic and speeding
- Unpermitted grading, structures, uses, and/or equipment.

The industry has left its mark on the landscape since legalization in other ways. Surveyors must reestablish government corners graded over by illegal growing; assessors have seen an uptick in applications for farming-related tax reductions; and the surveyor's and assessor's offices as well as the road department face new land access challenges now that unauthorized marijuana cultivation, previously hidden on public land, has migrated to private land. Time and resources required in following up on all of these issues and complaints are significant. Though the county receives a share of state revenue collected from the industry, that ratio is weighted toward the number of licenses rather than the canopy size.

Key Observations

Whether Jackson County could have avoided these challenges is impossible to say. Impacts are felt locally

but largely require state-level solutions. Though increased foresight regarding the land use challenges specific to production would have been helpful, Oregonians ultimately advanced legalization, and Jackson County could not opt out of Measure 91 because less than 55 percent of voters opposed the measure. The county's local land use regulations address many of the problematic issues associated with illegal grow sites, providing a path to compliance, but the state's capacity for enforcement of licensed/unlicensed operations has been limited, constrained by the number of officers currently available to serve the region.

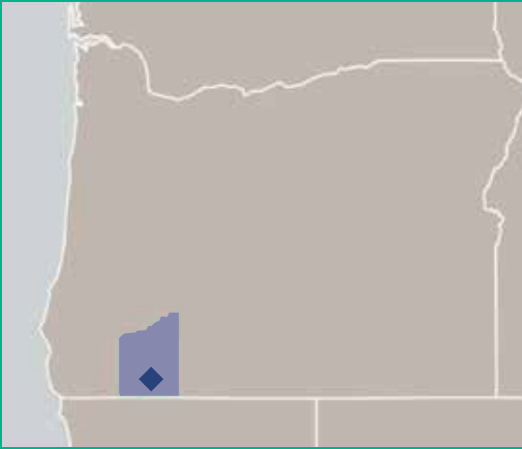
While the state's relatively young legal marijuana industry has yet to see a market correction, that may be about to change. Oregon producers and manufacturers may only sell legally in Oregon as federal law prohibits marijuana being transported or sold over state lines. The state reported that 550 tons of marijuana were produced in 2017, but just 170 tons were consumed.⁹ The massive oversupply has led to a dramatic decrease in price, with a number of small-scale businesses folding and the OLCC temporarily halting new license applications while it catches up on those already in the pipeline.¹⁰

Each of Oregon's thirty-six counties faces a unique set of circumstances in regulating this issue, and Jackson County's experience is clearly influenced by its high desirability for marijuana cultivation. Because the marijuana supply chain is still restricted within legalized states' boundaries, it is useful to understand the challenges faced by supply centers.

ASHLAND, OREGON

Located sixteen miles north of the California border and at the southern end of the Rogue Valley, the City of Ashland is home to Southern Oregon University and just over 21,000 residents. Tourists regularly visit Ashland to enjoy its cultural and natural amenities, such as the Oregon Shakespeare Festival and Lithia Park.

Located within Jackson County, the City of Ashland also moved quickly in exercising its ability to enact local commercial marijuana regulations. Many of Ashland's regulations were proactively developed in anticipation of Measure 91's passage to ensure the city was poised to handle potential changes that might occur at the state level.



COMMUNITY PROFILE

CITY OF ASHLAND

Population (2017): 21,117

Land area (square miles): 6.59

Median Household Income: \$47,314

Source: United States Census Bureau

Notably, Ashland addressed the ability to have a local tax on the marijuana industry. Measure 91 was expected to preempt local taxation of marijuana, limiting this ability to the state, but Ashland and other cities believed that local taxes would be grandfathered in if adopted prior to Measure 91's effective date.¹¹ The council approved a 10-percent tax on gross receipts from marijuana sales in August 2014.

Even earlier, in April 2014, the Ashland City Council approved a limited, temporary moratorium on the location and operation of medical marijuana dispensaries. State law already prohibited dispensaries from being located in residential zones, and Ashland's additional measure limited them from commercial/mixed use areas and bought the city time—approximately one year—to discuss potential longer-term regulations. In fact, the city lifted the moratorium just a few months later in August and passed permanent zoning requirements as well as time, place, and manner restrictions for dispensaries. Building on the state's buffering provisions, these zoning requirements further restricted dispensaries to strategic commercial/industrial loca-



Outdoor cannabis cultivation

tions in Ashland, required annual local permits, and addressed hours of operation and odor control.

Like many municipalities, determining the appropriate local regulations for marijuana dispensaries was a high priority. Ashland also accounted for concerns regarding cultivation, particularly in residential areas. Medical marijuana had been legally grown in Ashland for more than a decade, but recreational legalization was expected to increase interest and uncertainty around personal cultivation and provided an opportunity to review past and potential nuisance issues. After several months of meetings and gathering feedback from residents, the city established a set of regulations in January 2015 aimed at striking a balance between what the state had by then authorized and concerns raised by residents and staff. In the end, both indoor and outdoor cultivation were allowed in residential zones with limitations.

Commercial cultivation has been more of a wild card, as the city does not allow other forms of agriculture on commercial or industrial land. In its recommendations to the city council, the Ashland Planning Commission indicated concern about excessive use of electricity and water and about the long-term supply of commercial or industrial land versus job projections for this industry.¹² The city elected to test the waters on commercial indoor grow operations with a cap of 5,000 square feet, but thus far it has not approved any local permits.

Implementation

Voters in this progressive college town supported Measure 91 at a rate of 78 percent.¹³

Though Ashland was not alone in adopting a local tax scheme prior to Measure 91, the legality of these early regulations proved unclear. However, 2015 amendments to state law clearly authorized Oregon cities and counties to refer 3 percent of local taxes on recreational marijuana sales to their voters. Ashland's measure passed, and the council elected to dedicate those proceeds to an affordable housing trust fund. A guiding resolution directs marijuana tax revenue of up to \$100,000 annually to the fund, though with the significantly reduced tax rate the actual contributions thus far have been modest. Ashland also receives a share of the state's marijuana revenue, which is earmarked for public safety expenses per state statute.

Ashland's regulations on residential cultivation limited the number and placement of plants grown outdoors. Recognizing that some would seek to supplement or substitute with indoor cultivation, the land use ordinance requires these activities to comply with building codes, to confine light and glare, and to not overtake residential structures as the primary use. As a further, more readily enforceable layer of protection, the city added a new residential tier to its municipal electric utility rates. The \$0.125 rate applies to residential customer use of more than 5,000 kWh/month, effectively functioning as a penalty tier for extreme usage. (While not part of the original discussion, this measure also proved useful as Bitcoin mining grew in popularity throughout the region.)¹⁴

Tourism is a significant driver of the local and regional economy, and Interim City Manager Adam Hanks believes anecdotal indications of the marijuana industry's impact have been positive. A local ban on public smoking (tobacco-driven, but applicable to marijuana) in the downtown area curtails potential nuisance issues, and enforcement has been fairly routine. Hanks observed early signs of a niche market emphasizing a "craft" product, similar to the beer and wine industries, with tour operators designing regional experiences showcasing the local value-added food, wine, and marijuana producers.

Key Observations

Interim Manager Hanks feels Ashland was successful in its proactive approach to authorizing a legal marijuana industry within the city, and credits a collaborative effort by finance, administration, legal, and especially planning staff in navigating its approach.

Interviewees:

Danny Jordan, County Administrator, Jackson County
Adam Hanks, Interim City Manager, Ashland

Endnotes

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- 2 Oregon Department of Agriculture, "Land Use and Right to Farm." <http://www.oregon.gov/ODA/PROGRAMS/NATURALRESOURCES/Pages/LandUse.aspx>
- 3 Neighboring Josephine County did not disallow agriculture in rural residential zoning, creating a problem where marijuana farms started to open in rural neighborhoods. Josephine County attempted to disallow agriculture in rural residential zoning, and push the marijuana farms out, through an ordinance. This attempt was overturned by court, because the county failed to follow a procedure as the marijuana farms were grandfathered in. Josephine County is now attempting to eliminate marijuana farming within its jurisdiction through an injunction.
- 4 SouthernOregon.com, "Climate." <http://www.southernoregon.com/southernoregonclimate/>
- 5 Sperling's Best Places, "Medford, Oregon." <https://www.bestplaces.net/climate/city/oregon/medford>
- 6 Medical marijuana is regulated by the Oregon Health Authority, while recreational marijuana is regulated by the Oregon Liquor Control Commission. This causes the regulations and enforcement for both sectors to be inconsistent, regardless of the similarities of the products.
- 7 Oregon Liquor Control Commission, "Recreational Marijuana." <http://www.oregon.gov/olcc/marijuana/Pages/default.aspx>
- 8 Danny Jordan, Interviewed by Laura Goddeeris and Will Fricke, May 9, 2018
- 9 Marijuana Business Daily, "Oregon marijuana oversupply driving out small farmers, lowering prices," April 18, 2018. <https://mjbizdaily.com/oregon-marijuana-oversupply-driving-out-small-farmers-lowering-prices/>
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- 14 Shepherd, Katie, "Bitcoin Miners Are Flocking to Oregon for Cheap Electricity. Should We Give Them a Boost?" February 21, 2018. <http://www.wweek.com/news/business/2018/02/21/bitcoin-miners-are-flocking-to-oregon-for-cheap-electricity-should-we-give-them-a-boost/>

CASE STUDY:

Juneau, Alaska



Juneau is a rainy and temperate city, with its population largely located along the banks of the Gastineau Channel or in the Mendelhall Valley. Over one million tourists arrive in Juneau annually to visit the Mendenhall Glacier and surrounding landscape.

The Alaskan legal landscape and popular opinion regarding marijuana have fluctuated for over forty years. In 1975, the Alaska Supreme Court ruled that the personal use of a small amount of marijuana was constitutionally protected by the Alaskan Constitution's right to privacy clause.¹ In 1990, a passed ballot initiative recriminalized marijuana in the state, a law that was once again overturned by the courts, this time the Alaska Court of Appeals, in 2003. Just three years later, with Governor Frank Murkowski at the helm and emboldened by a political environment emphasizing "family values," the Alaska state legislature recriminalized marijuana, this time as a misdemeanor punishable by jail time.²

This law stood until the most recent marijuana ballot measure passed in November 2014, allowing possession of up to an ounce of marijuana and legalizing the commercial retail sale, manufacturing, testing, and



COMMUNITY PROFILE

Population (2017): 32,094

Land Area (square miles): 2701.93

Median Household Income: \$87,436

Source: United States Census Bureau

cultivation of marijuana products.³ This ballot initiative is seen as an attempt to regulate marijuana in a similar manner to alcohol. Juneau taxes retail marijuana at an 8-percent effective rate, with identical language and effective tax rate for alcohol sales. According to an analysis from Juneau's Marijuana Committee, an 8-percent tax rate would mean anywhere from \$170,000 to \$455,000 in revenue from the marijuana sales tax per year.⁴

Juneau's motivation for allowing commercial marijuana businesses in the city was twofold. The simplest reason is that voters wanted it. Officials also hold the belief that being overly restrictive would encourage black market sales.

After the 2014 ballot initiative was supported by 63 percent of Juneau voters, the City and Borough of Juneau immediately passed an eleven-month moratorium period on marijuana businesses; this was eventually extended to thirteen months to give time for a marijuana committee made up of assembly and planning commission members to work through the pending issues.⁵ In this period, Juneau passed three ordinances: amending its indoor smoking ban to include marijuana, amending the "driving under the influence" definition to include marijuana, and amending the land use code to include regulations for marijuana businesses. Following the moratorium, Juneau passed additional regulations regulating marijuana oil extractions, allowing marijuana commercial business licenses, and requiring ventilation systems that prevent odor from being detected outside the premises.

One of the marijuana committee's key early decisions was to not cap the total number of licenses, effectively allowing the market to determine how many marijuana businesses Juneau could support. With this approach, it took about one year for the local market to approach equilibrium.

The next decision made was zoning for retail, manufacturing, and testing. Commercial property in Juneau is generally not in conflict with sensitive uses, leaving those categories of commercial marijuana businesses generally unrestrictive within commercial zoning. However, the governing body and community of Juneau struggled with zoning on cultivation. Commercial cultivation is permitted in large-lot rural residential zoning to supplement Juneau's limited industrial and commercial property. Local leaders cited strong citizen support of the state legalization measure in their decision.⁶ Despite fears of unintentionally zoning cultivation



Cannabis product manufacturing

out of the market by restricting it to only commercial and industrial zones, all current cultivation businesses are located in nonresidential zones by happenstance, without complaints from residents. Many residents feared an influx of crime surrounding new marijuana businesses, something that did not materialize. Nevertheless, Juneau may ultimately restrict cultivation in the residential zones in the future because of the evidence that it would not be a burden on the industry.

All cultivation in Juneau is indoors. The state of Alaska allows outdoor cultivation, though the climate and terrain are often less than ideal for it. Wide open spaces that are both suitable for large farms and far enough from residential areas are nearly nonexistent in Juneau. Outdoor or "sunlight" cultivators do exist in the Fairbanks area of the state, where the terrain and weather are far friendlier to outdoor crops.⁷

Alaska's state guidelines do not provide guidance on regulating onsite consumption of marijuana products. Juneau does not allow onsite consumption in an attempt to ensure its public smoking ban is not undermined. However, the city will be watching for state-level changes on the issue. In the future, there may be an opportunity to consider allowing sites with cultivation or manufacturing and onsite tasting, similar to many breweries and distilleries.

Early Issues

While Juneau does allow testing labs, none exist in Juneau due to the difficulties of traveling to and from the city. There are no roads that connect Juneau to the outside world; all travel takes place through air and sea, and all facets of marijuana in Juneau have some associated transportation issues. The retailers in Juneau all grow their own products, but the most convenient test-

ing facilities are in Anchorage, necessitating a ninety-minute flight.

That flight caused some minor problems. Alaska state troopers are under a directive to facilitate the intrastate transportation of marijuana and to make sure transporters follow the law. Early on and without direction from the state, Juneau local police were advising commercial pilots at the municipally-run airport about marijuana in their cargo as a professional courtesy, believing that it was appropriate to advise the pilots of the breach of federal transportation laws. The practice was ended after police determined that the notification was unnecessary and contradictory to the effort to regulate marijuana similar to alcohol.

Another early, unintended consequence of introducing a legal marijuana market was black-market sellers targeting tourists who passed by the marijuana retail storefronts after hours. Eventually, the problem was dealt with by the retail business owners who witnessed the problem on their security cameras, and the need for local police involvement was and remains minimal. With more urgent concerns related to opioids, methamphetamines, and heroin, enforcement of marijuana violations by the state and local police takes a back seat to the more serious drug use problems in Alaska.⁸ Overall, the local police work well with the marijuana businesses and assist with maintaining successful best security practices, treating commercial marijuana like any other business.

Effects on Other Industries

One of Juneau's biggest economic drivers is tourism, with over one million cruise ship passengers visiting Juneau in 2017 to take in the glaciers and picturesque islands, as well as spend money at local businesses.⁹ On any given day, tourists outnumber residents in Juneau's downtown area. An early concern was that some tourists would take the marijuana they buy to the parks, in violation of Juneau's public smoking ban. This concern did not end up materializing, either due to education about the public smoking ban or tourists being too busy with excursions.

Juneau has a medium-sized cadre of indoor vegetable growers, who do not appear to be affected by the marijuana growers. Marijuana growers tend to be more technology reliant and have more stringent security requirements, causing the overlap in desired properties and infrastructure to be minimal.

Key Observations

While Juneau proceeded with marijuana regulation primarily to implement the will of the people and reduce black market activity, several local economic development opportunities have emerged. Transportation challenges and the accompanying limited market potential have limited interest from nonresidents. As a result, the industry has provided a Juneau-centric business opportunity for local residents.

Juneau's unique situation has also resulted in locally anchored and vertically integrated supply chains. Local retailers and concentrate producers, who also double as cultivators, bring marijuana trim on their testing trips to Anchorage. The trim is then sold to Anchorage edibles manufacturers, of which there are none in Juneau, in return for credit that the visiting business owners put toward manufactured products to sell in Juneau.

Interviewee:

Rorie Watt, City Manager

Endnotes

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- 8 Rorie Watt, interviewed by Laura Goddeeris and Will Fricke, April 16, 2018
- 9 Cruise Lines International Association, "Cruise Visitor Outlook, Is Regional Planning Important?" February 14, 2018. <https://www.dropbox.com/sh/kj55a7e6qdp5gq/AABhD78QhmCp3ck-7gpTf6WCa/Feb%2014%202018/John%20Binkley?dl=0&preview=Southeast+Conference+Feb+2018+v+2-13-18.pptx#>

CASE STUDY:

Kirkland, Washington



Kirkland is a large Seattle suburb on the shores of Lake Washington. It is the home of a Google campus, numerous beachfront activities, and nearly 90,000 residents. In 2010, Kirkland annexed unincorporated areas of King County, increasing its population by approximately 33,000.

In Washington, recreational marijuana was put on the ballot via initiative following an intense signature collection period. Initiative 502, which proposed to legalize adult recreational use of marijuana, was among a slate of hot-button issues and offices that drew 81 percent of the state's registered voters to the polls in November 2012, with 56 percent voting "yes."¹ In King County, where Seattle, Kirkland, and Issaquah are situated, 60 percent of voters supported the initiative.²

King County municipalities began to make decisions on whether to allow cannabis businesses within their borders during the thirteen-month statewide moratorium imposed by Initiative 502, which ended on December 1, 2013.³ The state allowed for municipalities to "opt out" via an extended or permanent moratorium, and many took the opportunity to enact such a ban. This change forced the issue of cannabis sales and produc-



COMMUNITY PROFILE

Population (2017 Census Estimate):
88,630

Land Area (square miles): 17.82

Median Household Income: \$95,939

Source: United States Census Bureau

tion in Kirkland, and the city council quickly decided against adopting a ban on commercial cannabis.

Community Concern

In Kirkland, support for the legalization of marijuana was even stronger than in the surrounding area, with Initiative 502 receiving a “yes” vote from 66 percent of voters. It also received bipartisan support from the city council, stemming mostly from a desire to eliminate unregulated black-market cannabis sales. The city council and administration interpreted the wide support from Kirkland voters for Initiative 502 as a sign to begin crafting new local regulations that would allow commercial cannabis in the city. However, they quickly learned that support for commercial cannabis in theory does not always translate to support in practice.

City staff initially proposed to treat commercial cannabis like any other commercial business. This philosophy was reflected in the first prospective zoning map and regulations developed, which proposed to allow cannabis production, processing, and retail businesses to locate anywhere the existing zoning standards would otherwise allow, save for the minimum buffers required by the Washington State Liquor and Cannabis Board and the state-imposed limit of four retail locations in the city. This map was met with strong opposition to prospective retail locations.

Chief among residents’ concerns was the exposure children and teenagers would have to cannabis through legal storefronts. By treating cannabis retailers like other commercial businesses, initial draft regulations allowed for the prospect of having cannabis retailers located near or interspersed within residential areas. After listening to these concerns from residents, Kirkland opted to create retail cannabis buffers along designated school walk routes as well as near schools, limiting children and teenagers from passing by the businesses with regularity.⁴

The bans on commercial cannabis being imposed in surrounding municipalities created additional fears among some residents. They were afraid of becoming a “destination” for cannabis, with thousands from the surrounding municipalities coming to Kirkland solely to make purchases, a fear that thus far has not materialized. Similarly, many communities have concerns about a transient population arriving to set up shop in the commercial cannabis industry. In this case, those setting up commercial cannabis businesses were already

residents of Kirkland and the surrounding area, including two Google employees who founded a cannabis retail shop as a side business.

“You cannot overestimate how much energy and concern there will be in the community over legalized marijuana....There is a lot more passion and concern in the community than we thought, so we spent a lot of time listening.”

— Kurt Triplett

Like other municipalities, Kirkland residents showed the highest interest in attending city council hearings in recent memory during the debate period for legal commercial cannabis. However, most were prevented from speaking because of standard time limitations on public comment during Kirkland City Council hearings.⁵ As a complement to the formal deliberation process, the city manager’s office, city council, and the planning director made a dedicated effort to engage with community members and talk through their concerns. A series of incremental changes made to the local regulations confirmed that residents’ input was being taken seriously and helped to dissipate fears following implementation.

Public Safety

Perhaps the biggest issue as Kirkland debated commercial cannabis was the fear of additional public safety concerns created by these businesses, including their cash-based nature. Kirkland’s police department reached out to colleagues from similar-sized jurisdictions in Colorado, where commercial cannabis had been up and running for over a year, to ask them for advice and evidence regarding adverse public safety effects. Their colleagues found that with common sense safety regulations, the commercial cannabis businesses seemed to add no additional public safety issues to the area.

The general opinion of the Kirkland Police Department (KPD) on commercial cannabis could be characterized as “skeptical” at the beginning of the debate period. Many rank-and-file officers were not supportive of the move to legalize commercial cannabis in Kirkland, but the prospect of an effective mechanism to do away with the local black market was attractive. When commercial cannabis businesses became legal, the KPD was instructed by the Kirkland administration to avoid “de-policing” cannabis as whole and looking the other



Cannabis products for sale

way on all activity, rather than appropriately enforcing control of the legal and illegal markets.

Current Landscape

The Washington State Liquor and Cannabis Control Board's database includes eleven records of administrative violations issued in Kirkland since 2015, most of which are related to product traceability, packaging, or advertising; two instances of sales to minors were cited.⁶

While public safety statistics since legalization have not caused significant concern, the traffic and parking demands associated with retail cannabis businesses have been slightly higher than the city anticipated.

Key Observations

Kirkland's work to legalize commercial cannabis locally illustrates the challenges of translating theory into practice.

Kirkland's residents, while supportive of legalizing commercial cannabis at the ballot box, were hesitant to embrace actual implementation of this new policy. Other communities would be wise to anticipate time for honest and open conversation with residents about their expectations and what changes they are comfortable with. Kirkland feels that the effort from the planning director, manager's office, and council to engage with and listen to community members outside regular meetings went a long way to unpacking the cognitive dissonance surrounding legal cannabis.

As the process continued, Kirkland continued to modify regulations based on local feedback and conditions. As a strategy to keep commercial retail cannabis businesses "out of sight and out of mind" with respect

to children and teenagers, Kirkland opted to expand the sensitive use buffers required by Washington to include walk routes leading to its schools.

City Manager Kurt Triplett feels that his community benefited from the state-imposed, year-long moratorium. This process allowed Kirkland to have a lengthy research and review process for developing its new ordinances. Other app-era services, like Airbnb, have caused disruption and confusion in some communities without ample time to prepare for them. Washington avoided this problem with commercial cannabis due to the required moratorium following the November 2012 initiative. Industry proponents may argue otherwise, but evidence from Kirkland and other communities suggests there are benefits in taking time to phase in change, either through a self-imposed moratorium, trial periods with sunset provisions, and/or other measures ensuring regular monitoring and revisiting of how this emergent industry functions in a community.

Interviewee:

Kurt Triplett, City Manager

Endnotes

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- 3 State of Washington, "Initiative Measure No. 502," filed July 8, 2011. <https://sos.wa.gov/assets/elections/initiatives/i502.pdf>
- 4 Raechel Dawson, "Kirkland imposes new temporary marijuana zoning regulations," Kirkland Reporter, March 19, 2014. <http://www.kirklandreporter.com/news/kirkland-imposes-new-temporary-marijuana-zoning-regulations/>
- 5 Only three speakers are permitted on each side of an issue; that is, three may speak on the pro side of an issue and three may speak on the anti side. To show their support in another way, proponents of legal commercial cannabis distributed supportive t-shirts to their supporters, causing the hearings to be the most colorful in recent memory as well as the most popular.
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CASE STUDY:

Pacifica, California

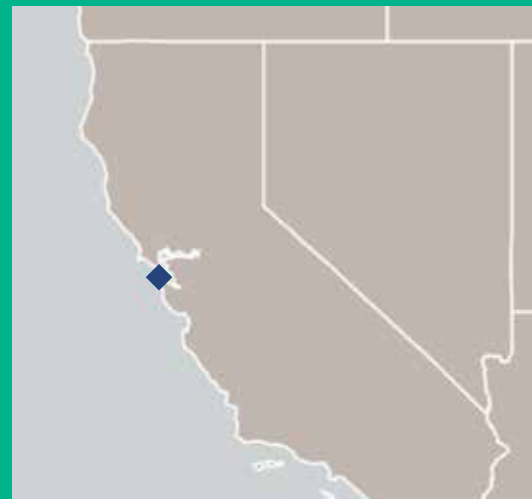


Pacifica is a seaside San Francisco suburb of nearly 40,000 residents. Lying on the Pacific Ocean side of San Mateo County, Pacifica is a popular surfing and hiking destination.

Cannabis legalization had overwhelming support from Pacifica residents as well as from the city council. The council acted swiftly in March 2017 to begin the process of allowing cannabis businesses in the city, holding a joint study session with the Pacifica Planning Commission. This study session was followed by planning commission and council meetings, which provided direction regarding the authoring of the ordinances that would allow commercial cannabis operations in Pacifica.

The ordinances, which were adopted in July 2017, would be triggered by the passing of a local excise tax on the gross receipts of cannabis sales. Seventy-nine percent of voters voted in favor of the tax, enacting the ordinances to allow legal cannabis operations.¹

Pacifica decided to allow retail, manufacturing, and testing businesses, but decided against allowing commercial cultivation in the city. Unlike its neighbor to the south, Half Moon Bay, Pacifica does not have greenhouses or agricultural business infrastructure. Outdoor cultivation of any significant scale would have been inconsistent with the suburban character of the city.



COMMUNITY PROFILE

Population (2017): 39,087

Land Area (square miles): 12.66

Median Household Income: \$103,545

Source: United States Census Bureau

The Ordinances

Pacifica has two ordinances regulating cannabis operations. The first is a public safety ordinance, administered by the Pacifica Police Department, which governs the operation and licensing of cannabis businesses, requires background checks of owners and employees, and includes other safety requirements such as technological and physical security systems. It also includes provisions to curb nuisances such as loitering.

Pacifica's ordinances are stringent with respect to nuisance effects, with applicants required to prove that their business will not be a nuisance.

The second ordinance governs the cannabis zoning regulations in Pacifica. The city created five overlay districts for retail cannabis businesses: Fairmont, Linda Mar, Park Pacifica, Rockaway Beach, and Sharp Park. Each overlay district is limited to two retail businesses, and in total no more than six retail businesses are permitted in the city.² Pacifica set these limitations due to concerns about overconcentration, particularly in economically depressed areas. Cannabis testing and manufacturing businesses are not restricted to the overlay districts; those businesses are allowed within certain existing commercial zones. Pacifica also reduced one of the state's default sensitive use setbacks, from 600 feet to 200 feet for day care centers, because that setback was perceived as overly restrictive. Finally, the ordinance clarified local regulations for personal cultivation, including a prohibition on the use of artificial light for plants grown outdoors.

Together, these ordinances created a four-phase process for establishing cannabis businesses in Pacifica, involving a license and land use entitlement:

1. Public safety license applications are submitted to the police department for review.
2. Security plans are submitted to the police department for review.
3. Use permit applications are submitted to the planning department for review and public hearing with the planning commission.
4. The police chief issues licenses after confirming compliance with preceding steps.

Pacifica launched this process directly after the enactment of the ordinances following the November 2017 election, when the local excise tax was passed. The local tax, initially set at 6 percent of gross receipts for the first two years, was projected by city staff to generate \$420,000 in the industry's first full year of

operation. Council retained the option to decrease or increase the rate up to 10 percent after two years.³

Upon launch of the licensing process, the city received over thirty applications for cannabis businesses.

Public Safety

While Pacifica has had illegal medical cannabis dispensaries operating since 2010, calls for service regarding illegal cannabis were few. The illegal establishments likewise were not a burden on law enforcement. However, those establishments did not report burglaries and other crime on their property due to the risk of facing charges themselves. With legalization, the now-legal businesses follow common sense safety regulations while falling under the protection umbrella of the Pacifica Police Department.

"Changes in culture statewide have caused a paradigm shift in the way cities and law enforcement are approaching decisions regarding cannabis businesses. Our community and council have expressed their desire for this program to exist in Pacifica. It is our job to administer the program in a way that promotes safety and fosters a positive and collaborative relationship with cannabis business owners."

— Dan Steidle

Key Observations

The city reached out for assistance and examples of how to regulate its cannabis industry. It looked to large cities in the area such as San Francisco, Berkeley, and Oakland, but the beach town nature and lack of a large commercial sector in Pacifica made comparisons difficult. A more beneficial route was working with experienced consultants on the business aspects of regulations.

Interviewees:

Lorenzo Hines, Assistant City Manager, Tina Wehrmeister, Planning Director, Dan Steidle, Chief of Police

Endnotes

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CASE STUDY:

Santa Rosa, California



Santa Rosa is the largest city in Sonoma County and California's Wine Country. The city is known for its diversity, with a large Mexican-American and LGBT community. In October 2017, severe wildfires destroyed thousands of homes in Santa Rosa.

History/Background

Medical cannabis dispensaries have been allowed in Santa Rosa since 2005, but other aspects of the cannabis industry were only authorized in early 2016. Prior to the passage of Proposition 64 in California, the Santa Rosa City Council authorized the licensing of medical cannabis cultivation, manufacturing, testing, and distribution.

Santa Rosa was ahead of the curve with respect to California municipalities, making it clear after the passage of Proposition 64 that it wanted to broadly allow commercial cannabis businesses. City officials recognized the cannabis industry was already operating in Santa Rosa, both through black market activity and the "gray market" state-sanctioned medical dispensaries that operated without local input. In legitimizing the industry, the Santa Rosa City Council and administration saw an opportunity to ensure compliance with



COMMUNITY PROFILE

Population (2017): 175,269

Land Area (square miles): 51.29

Median Household Income: \$62,705

Source: United States Census Bureau

“It was important to have a clear direction from the council on what the approach was going to be.”

— Sean McGlynn

permitting, planning, and public safety standards and to create a revenue stream for the city. The city also reasoned that any part of the industry not officially permitted would continue to operate in Santa Rosa without regard for negative externalities, hence their decision to allow all elements of the supply chain from cultivation through retail sales.

Process and Regulations

“Bring certainty to a very uncertain landscape” was a driving philosophy in Santa Rosa’s efforts to carefully and thoughtfully regulate the commercial cannabis industry. The city council—leaning on its background in public safety—prioritized developing a path to compliance and building trust between the community and the industry.

“The motivation was to get more people to be compliant so that they could be legitimate. We could tax it, and actually make it part of our community.”

— Clare Hartman

City staff and the City Council’s Cannabis Policy Subcommittee members were tasked with learning all they could about the cannabis industry and its potential effects on infrastructure, health, services, and more. Setting up an interdepartmental work team, staff reached out to their counterparts in other communities in Colorado, Oregon, and Washington with experience in regulating cannabis. But as an early community to opt-in on legal cannabis, Clare Hartman, Santa Rosa’s deputy director – planning, acknowledged that “we were building the program as it was happening to us.”

Over the course of two years, Santa Rosa administrative and planning staff took time to attend community and neighborhood meetings in order to address concerns over specific land use permitting for cannabis businesses. The presence of former Santa Rosa Police Chief Tom Schwedhelm and Cannabis Policy Subcommittee member Ernesto Olivares, a former Santa Rosa police lieutenant, likely helped some residents feel more comfortable that the public safety aspect of cannabis businesses was being considered. Council took



Cannabis oil

up the issue at more than twenty full or subcommittee meetings and implemented a series of interim regulations before finally passing a comprehensive ordinance in early 2018. When it finally came up for public hearing, the pressing issues had been thoroughly discussed between residents and administrators, leading to an undramatic and anti-climactic vote.

Santa Rosa favored a transparent approach and decided against administratively approved permits for most cannabis businesses. Instead, it opted to issue use permits through a process requiring public notices and, in many cases, public hearings and action by the planning commission. It allows cannabis businesses to be located in the same areas as their non-cannabis counterparts. Recognizing additional concerns associated with cannabis, including those gathered from public outreach, the city was proactive in layering additional regulations related to security protections, standards to prevent odor, and sensitive use setbacks. While public interest has been piqued by businesses proposed in close proximity to residential areas, these regulations have generally provided sufficient assurances to neighborhoods’ nuisance concerns.

Growing a Compliant Industry

Thus far, Santa Rosa has approved over forty land use permits for cannabis cultivation (indoor only, including greenhouses), manufacturing, testing, distribution, and medical retail businesses. Commercial retail applications were accepted in April 2018 and will proceed through the evaluation and conditional use permit process through the rest of the year. There is no explicit limit on the number of cannabis business licenses, though 600-foot setback requirements for cannabis

retail businesses to prevent over-concentration and buffer sensitive uses implicitly cap that sector.¹

Many manufacturers of cannabis products were already operating in Santa Rosa when the city began creating its cannabis land use regulations and licensing the industry. The pre-existing businesses were often not operating in appropriate areas, such as in residences or in residential zones. Many have since found legitimate and licensed locations, and some existing businesses partnered to share the cost of moving and licensing. Providing a path to compliance has also enabled the city to learn more about the industry's operators, which notably include a share of single, female head-of-households.

Absent an explicit cap, the market for appropriate commercial and industrial land has proved to be a challenge for cannabis businesses in Santa Rosa, which compete against each other as well as with complementary boutique tourism industries such as breweries and wineries. Industrial land vacancy rates have dropped from 12.2 percent in 2014 to 4.6 percent in 2017.² But Santa Rosa is wary of letting cannabis businesses dominate its economy, as the region is in the process of rebuilding from the recent wildfires, and the city wants to ensure space for contractors and specialty trades, among many other industries. The city convenes an interdepartmental follow-through program to monitor the cannabis industry's growth and consider potential interventions in response to local effects or modifications to the state law.

Though Santa Rosa regulations intentionally direct commercial cannabis businesses away from residential land, the abundance of cannabis cultivation in the region is causing problems for law enforcement. Between February and May 2018, multiple home invasions took place in Sonoma County, including two in Santa Rosa. These crimes target private residences that legally grow cannabis for personal use, which are not required to follow the strict security regulations that licensed cannabis businesses abide by. Law enforcement believes the illegality of cannabis on the east coast and the resulting high street value is at the root of the problem.³

Key Observations

Santa Rosa believes that its permissive early approach was the correct one. Observations of other jurisdictions showed that a piecemeal approach, prohibiting certain sectors of the cannabis industry while allowing others, was ineffective in quelling the problem of black market businesses. Preferring to allow the industry to operate and regulate it led the city to permit indoor/greenhouse cultivation despite limited presence of any other agricultural activity within city limits.

Staff credit the council for its clear direction regarding a path to compliance, which provided the motivation and resources necessary to coordinate across diverse stakeholders, including an industry not accustomed to working with government. This process opened up opportunities to build trust and navigate ambiguity around public safety and code enforcement.

Other communities in the region have followed suit. Cloverdale, Cotati, and Sebastopol, incorporated cities with populations of 8,618, 7,265, and 7,379, respectively, decided to allow commercial cannabis activities such as cultivation and manufacturing after observing Santa Rosa and having conversations with Santa Rosa planning staff; like Santa Rosa, these communities have the intention of benefiting through regulatory control of commercial cannabis and associated tax revenue.

Interviewees:

Sean McGlynn, City Manager

Clare Hartman, Deputy Director - Planning

Endnotes

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- 3 "Sonoma sees spate of marijuana-related home invasions," The Mercury News, May 4, 2018. <https://www.mercurynews.com/2018/05/04/sonoma-county-sees-spate-of-marijuana-related-home-invasions/>

About the Authors

Laura Goddeeris, AICP, oversees ICMA's applied research on local government practices, programs, partnerships, and policies as Director of Survey Research. Prior to joining ICMA, she gained over a decade of experience in research, outreach, and program administration around issues of community and economic development, local and regional food systems, and transportation science. While based in Michigan, she also worked closely with municipal staff for years as chair of her local planning commission and community development advisory committee. Laura holds a Master's in Urban Planning and Policy from the University of Illinois at Chicago.

Will Fricke is member of ICMA's Research and Policy Team, carrying out research projects and survey research. His work covers a wide array of topics such as service delivery, land use, and form of government. Will is a graduate of the University of Connecticut.



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CHECKLIST FOR DEVELOPING LOCAL COMMERCIAL CANNABIS REGULATIONS

Has your state voted to legalize cannabis for medical or recreational use? Below are key considerations for local governments when beginning to develop their own policies.

- ☐ **Assess the context for your decisions.**
 - Understand what your state law allows local governments to regulate and note any key decision points.
 - Review local results on cannabis ballot measures for perspective on community opinion.
 - Talk with surrounding communities about your respective plans for regulating the industry.
- ☐ **Facilitate leadership, coordination, and communication.**
 - With your governing body, identify and articulate your motivations for allowing regulated commercial cannabis activities.
 - Assemble a team of staff representing the wide array of government functions impacted by commercial cannabis activities.
- ☐ **Plan for extensive community engagement.**
 - Even in communities thought to be pro-cannabis, anticipate uncertainty and fears about the issue.
 - Take time to meet with community members in various settings – formal and informal, in person and online.
 - Include cannabis industry representatives in your engagement.
 - Document your progress and consider posting on your website.
- ☐ **Regularly monitor indicators and review your regulations.**
 - Consider sunset provisions or other incremental measures requiring future extension or updates to your policies.
 - Check in with key staff liaisons for updates on public safety and health statistics, code complaints, revenues collected, applications received, and other metrics.

Learn more about commercial cannabis and what local impacts could affect your community by downloading the report at icma.org/cannabis-report.



AMENDMENT 2:

WHAT DOES IT MEAN TO MISSOURI CITIES AND MUNICIPALITIES?

A. AMENDMENT 2 -- Sections every city/ municipality must know:

Section 1 of Article XVI Right to Access Medical Marijuana

1. Purposes

This section is intended to permit state-licensed physicians to recommend marijuana for medical purposes to patients with serious illnesses and medical conditions. The section allows patients with qualifying medical conditions the right to discuss freely with their physicians the possible benefits of medical marijuana use, the right of their physicians to provide professional advice concerning the same, and the right to use medical marijuana for treatment under the supervision of a physician.

This section is intended to make only those changes to Missouri laws that are necessary to protect patients, their primary caregivers, and their physicians from civil and criminal penalties, and to allow for the limited legal production, distribution, sale and purchase of marijuana for medical use. This section is not intended to change current civil and criminal laws governing the use of marijuana for nonmedical purposes. The section does not allow for the public use of marijuana and driving under the influence of marijuana.

2. Definitions.

...

- (6) "Marijuana-Infused Products" means products that are infused with marijuana or an extract thereof and are intended for use or consumption other than by smoking, including, but not limited to edible products, ointments, tinctures and concentrates.
- (7) "Medical Marijuana Cultivation Facility" means a facility licensed by the Department to acquire, cultivate, process, store, transport, and sell marijuana to a Medical Marijuana Dispensary Facility, Medical Marijuana Testing Facility, or to a Medical Marijuana-Infused Products Manufacturing Facility.
- (8) "Medical Marijuana Dispensary Facility" means a facility licensed by the Department, to acquire, store, sell, transport, and deliver marijuana, marijuana-infused products, and drug paraphernalia used to administer marijuana as provided for in this section to a Qualifying Patient, a Primary caregiver, another Medical



Marijuana Dispensary Facility, a Medical Marijuana Testing Facility, or a Medical Marijuana-Infused Products Manufacturing Facility.

- (9) "Medical Marijuana-Infused Products Manufacturing Facility" means facility licensed by the Department, to acquire, store, manufacture transport, and sell marijuana-infused products to a Medical Marijuana Dispensary Facility, a Medical Marijuana Testing Facility, or to another Medical Marijuana-Infused Products Manufacturing Facility.
- (10) "Medical Marijuana Testing Facility" means a facility certified by the Department, to acquire, test, certify, and transport marijuana.
- (11) "Medical use" means the production, possession, delivery, distribution, transportation, or administration of marijuana or a marijuana-infused product, or drug paraphernalia used to administer marijuana or a marijuana-infused product, for the benefit of a Qualifying Patient to mitigate the symptoms or effects of the patient's qualifying medical condition.

...

3.) Creating Patient Access to Medical Marijuana

...

- (2) The Department shall issue any rules or emergency rules necessary for the implementation and enforcement of this section and to **ensure the right to, availability, and safe use of marijuana for medical use by Qualifying Patients.** In developing such rules or emergency rules, the Department may consult with other public agencies. In addition to any other rules or emergency rules necessary to carry out the mandates of this section, the Department may issue rules or emergency rules relating to the following subjects:
 - (g) Control of informational and product displays on licensed premises provided that the rules may not prevent or unreasonably restrict appropriate signs on the property of the Medical Marijuana Dispensary Facility, product display and examination by the Qualifying Patient and/or Primary caregiver, listings in business directories including phone books, listings in marijuana-related or medical publications, or the sponsorship of health or not for profit charity or advocacy events;
 - (i) Security requirements for any premises licensed or certified pursuant to this section, including, at a minimum, lighting, physical security, video, alarm requirements, and other minimum procedures for internal control as deemed necessary by the Department to properly administer and enforce the provisions



- of this section, reporting requirements for changes, alterations, or modifications to the premises;
- **(14) The Department may set a limit on the amount of marijuana that may be possessed by or on behalf of each qualifying patient, provided that limit is not less than a sixty-day supply of dried, unprocessed marijuana, or its equivalent.** A Primary caregiver may possess a separate legal limit for each Qualifying Patient under their care and a separate legal limit for themselves if they are a Qualifying Patient. **Qualifying Patients cultivating marijuana for medical use may possess up to a ninety-day supply, so long as the supply remains on property under their control.** Any such limit shall not apply to a Qualifying Patient with written certification from two independent physicians that there are compelling reasons for additional amounts. Possession of between the legal limit and up to twice the legal limit shall subject the possessor to Department sanctions, including an administrative penalty and loss of their patient identification card for up to a year. Purposefully possessing amounts in excess of twice the legal limit shall be punishable by imprisonment of up to one year and a fine of up to two thousand dollars.
 - **(15, 16, and 17)** DHSS may restrict the number of licensed Marijuana Businesses as follows:
 - (a) Medical Marijuana Cultivation Facilities are required for every 100,000 Missouri residents. A decrease in the state population shall have no impact on the total number.
 - (b) Marijuana Infused-Products Manufacturing Facilities are required for every 70,000 state residents. A decrease in the state population shall have no impact on the total number.
 - (c) Medical Marijuana Dispensary Facilities maybe me limited to less than 24 per the eight 2018 Congressional Districts. Future changes to now-existing boundaries (in 2018) shall have no impact.
 - (21) All marijuana for medical use sold in Missouri shall be cultivated in a licensed Medical Marijuana Cultivation Facility located in Missouri.
 - (22) All marijuana-infused products for medical use sold in the state of Missouri shall be manufactured in a Medical Marijuana-Infused Products Manufacturing Facility.
 - (23) The denial of a license, license renewal, or identification card by the Department shall be appealable to the Administrative Hearing Commission, or its successor entity. Following the exhaustion of administrative review, denial of a license, license renewal,



or identification card by the Department shall be subject to judicial review as provided by law.

- (24) No elected official shall interfere directly or indirectly with the Department's obligations and activities under this section.
- (25) The Department shall not have the authority to apply or enforce any rule or regulation that would impose an undue burden on any one or more licensees or certificate holders, any Qualifying Patients, or act to undermine the purposes of this section.

4. **Taxation and Reporting**

...

- (4) The tax levied pursuant to this subsection is separate from, and in addition to, any general state and local sales and use taxes that apply to retail sales, which shall continue to be collected and distributed as provided by general law.
- (5) Except as authorized in this subsection, no additional taxes shall be imposed on the sale of marijuana for medical use.

7. **Additional Provisions**

...

- (5) All edible marijuana-infused products shall be sold in individual, child-resistant containers that are labeled with dosage amounts, instructions for use, and estimated length of effectiveness. All marijuana and marijuana- infused products shall be sold in containers clearly and conspicuously labeled, in a font size at least as large as the largest other font size used on the package as containing "Marijuana " or a "Marijuana-Infused Product." Violation of this prohibition shall subject the violator to Department sanctions, including an administrative penalty.

...

- (7) **No Qualifying Patient shall consume marijuana for medical use in a public place, unless provided by law.** Violation of this prohibition shall subject the violator to sanctions as provided by general law.



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- (8) No person shall extract resins from marijuana using dangerous materials or combustible gases without a Marijuana Infused Products Manufacturing license. Violation of this prohibition shall subject the violator to Department sanctions, including administrative penalty and, if applicable, loss of their identification card, certificate or license for up to one-year.
- (9) All Qualifying Patient cultivation shall take place in an enclosed, locked facility that is equipped with security devices that permit access only by the Qualifying Patient or by such patient's Primary caregiver. Two Qualifying Patients, who both hold valid Qualifying Patient cultivation identification cards, may share one enclosed, locked facility. No more than twelve Qualifying Patient or Primary caregiver cultivated flowering marijuana plants may be cultivated in a single, enclosed locked facility., except when the Primary caregiver also holds a Qualifying Patient cultivation identification card, in which case no more than eighteen flowering marijuana plants may be cultivated in a single, enclosed, locked facility.
- (11) **Unless allowed by the local government, no new Medical Marijuana Cultivation Facility, Medical Marijuana Testing Facility, Medical Marijuana Dispensary Facility, or Medical Marijuana-Infused Products Manufacturing Facility shall be initially sited within one thousand feet of any then-existing elementary or secondary school, child day-care center, or church. No local government shall prohibit Medical Marijuana Cultivation Facilities, Medical Marijuana Testing Facilities, Medical Marijuana-Infused Products Manufacturing Facilities, or Medical Marijuana Dispensary Facilities, or entities with a transportation certification either expressly or through the enactment of ordinances or regulations that make their operation unduly burdensome in the jurisdiction. However, local governments may enact ordinances or regulations not in conflict with this section, or with regulations enacted pursuant to this section, governing the time, place, and manner of operation of such facilities in the locality. A local government may establish civil penalties for violation of an ordinance or regulations governing the time, place, and manner of operation of a Medical Marijuana Cultivation Facility, Medical Marijuana Testing Facility, Medical Marijuana-Infused Products Manufacturing Facility, Medical Marijuana Dispensary Facility, or entity holding a transportation certification that may operate in such locality.**



- **9. Effective Date** The provisions of this section shall become effective on December 6, 2018.

B. Amendment 2 Implementation (General Implementation)

- 1. “Effective Date” the law goes into effect is officially December 6, 2018. In reality, this is more the date that starts the timeline running for the following DHSS actions:
- 2. Within one hundred eighty days of the effective date of this section, the Department shall make available to the public license application forms and application instructions for Medical Marijuana Cultivation Facilities, Medical Marijuana Testing Facilities, Medical Marijuana Dispensary Facilities, and Medical Marijuana-Infused Products Manufacturing Facilities. (pg. 6; paragraph 6):

180 days from Dec. 6, 2018: Tuesday, June 4, 2018.

- 3. Within (a) one-hundred-eighty (180) days of the effective date of this section, the Department (DHSS) shall make available to the public application forms and application instructions for Qualifying Patient, Qualifying Patient cultivation, and Primary caregiver identification cards. Within (b) two-hundred-ten days of the effective date of this section, the Department shall begin accepting applications for such identification cards. (pg. 6; paragraph 7).

(a) 180 days from Dec. 6, 2018: Tuesday, June 4, 2018.

(b) 210 days from Dec. 6, 2018: Tuesday, July 4, 2018.

- 4. Any applicant for a [MMJ businesses] license authorized by this section may pre-file their application fee with the Department beginning 30 days after the effective date of this section. (pg. 7; paragraph 11).

(a) 30 days from Dec. 6, 2018: Saturday, January 5, 2019



- 5. The Department shall begin accepting license and certification applications for Medical Marijuana Dispensary Facilities, Medical Marijuana Testing Facilities, Medical Marijuana Cultivation Facilities, Medical Marijuana-Infused Products Manufacturing Facilities, seed-to-sale tracking systems, and for transportation of marijuana no later than (a) two-hundred-forty days after the effective date of this section. Applications for licenses and certifications under this section shall be approved or denied by the Department no later than (b) one-hundred-fifty days after their submission. If the Department fails to carry out its non-discretionary duty to approve or deny an application within one-hundred-fifty days of submission, an applicant may immediately seek a court order compelling the Department to approve or deny the application.

(a) 240 days from December 6, 2018: Saturday, August 3, 2019.

(b) 150 days from August 3, 2019: Tuesday, December 31, 2019.

C. Related Timeline Issues for Cities/Municipalities to Consider

- (a) MMJ business applicants (those bidding for or already purchasing buildings) in anticipation of receiving applications for licenses.
 - (i.) These companies are willing to make substantial investments in the cities/municipalities they choose, and they will want to know they are zoning compliant by Feb/Mar 2019 at the latest.
 - (ii.) When it comes to dispensaries, MoCannTrade Association recommends zoning them as any other pharmacy - in a commercial district, preferably on main roads in the city. The Director of the DHSS has made it clear that patient access is a priority.
 - (iii.) For Medical Marijuana Cultivation Facilities, Medical Marijuana Testing Facilities, or Medical Marijuana-Infused Products Manufacturing Facilities, MoCannTrade recommends light industrial zoning or its equivalent.



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CANNABUSINESS & CULTIVATION 2

ENTERING MISSOURI'S MEDICAL CANNABIS INDUSTRY

JANUARY 15TH, 2019



WE ARE THE VOICE OF TRADE FOR THE MISSOURI MEDICAL CANNABIS INDUSTRY

Mission: ensure a compliant, safe and successful program implementation by closely supporting stakeholders and regulators through education, advocacy and responsibility



PROGRAM IMPLEMENTATION

- MoCannTrade is supporting program implementation by leveraging the expertise of its board, sub-committees, association members and industry partners via:
- Healthcare, Physician and Practitioner education
 - MoCannTrade Medical Cannabis Primer Presentation
 - Online education and certifications for physicians and patient care specialists
- Industry Education, rules and policy guidance
 - Submit draft rules for consideration to Missouri DHSS
 - Educate industry on Amendment 2, compliance and training
- Business / Trade and Member advocacy
 - Leadership Council Member Meetups
 - Educational events like Venture Café series
 - Feedback loop from members to board to state
 - MoCannBizCon+Expo Industry Conference 03.11.19



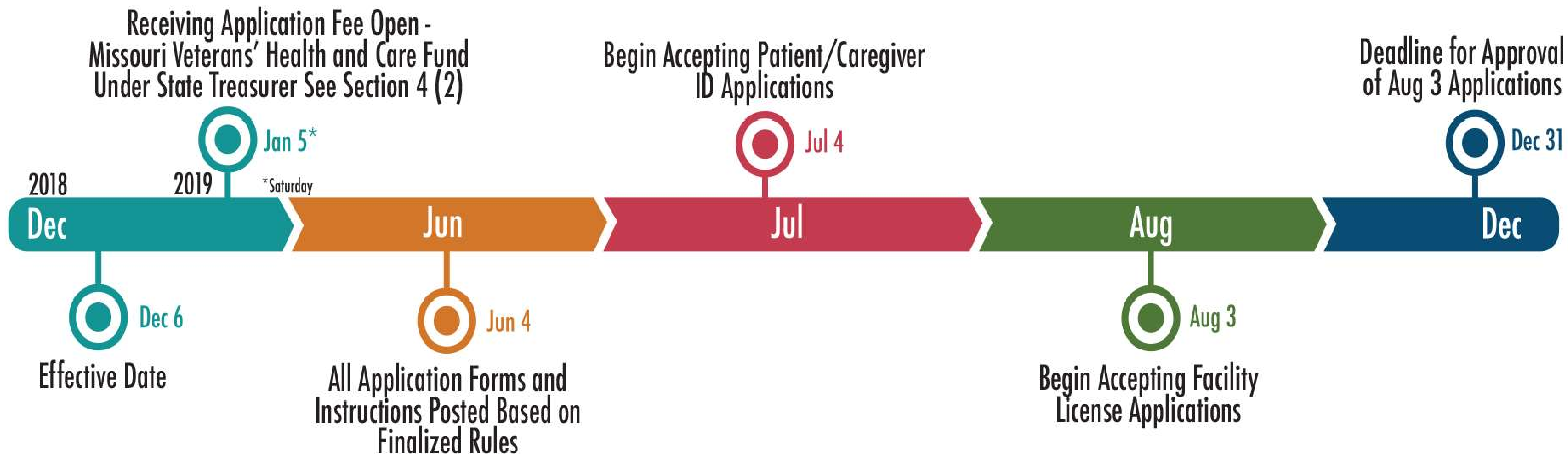


250+ PRE-FILE APPLICATIONS | \$2MM IN FIRST WEEK



Missouri Department of
Health & Senior Services

TIMELINE FOR IMPLEMENTATION



Constitutional Amendment 2 - Medical Marijuana

DHSS Home » Licensing & Regulations » Medical Marijuana » Home

- [Amendment 2](#)
- [Draft Rules](#)
- [EMERGENCY RULE - Pre-filed Application Fee](#)
- [Pre-Filed License Application Fees](#)
- [Pre-Filed License Application Fees \(Fillable\)](#)

Pre-Filed License Fee Schedule

Cultivation Facilities	\$10,000 non-refundable application fee
Dispensary Facilities	\$6,000 non-refundable application fee
Medical marijuana-infused manufacturing facilities	\$6,000 non-refundable application fee

The Department of Health and Senior Services is tasked with implementing the provisions of Amendment 2. This includes but is not limited to:

- Issuing registrations to qualified patients and their primary caregivers.
- Licensing and certification of medical marijuana cultivation facilities.
- Licensing and certification of medical marijuana dispensary facilities.
- Licensing and certification of medical marijuana-infused products manufacturing facilities.
- Licensing and certification of medical marijuana testing facilities.

The timeline for the provisions included in Amendment 2 begins on Dec. 6, 2018. Important dates to remember are as

Licensing & Regulations
Abortion Facilities
Abuse, Neglect & Exploitation
Ambulatory Surgery Centers
Antibiotic Resistance
Narcotics & Dangerous Drugs
Child Care
CNA, CMT and Insulin Registry
Prescription Drug Repository
Employee Disqualification List
Emergency Medical Services
End Stage Renal Disease
Family Care Safety Registry
Food & Drug Recalls
Food Safety



ENTERING MISSOURI'S MMJ INDUSTRY



MISSOURI MMJ PROGRAM OPPORTUNITY

Missouri's broadly expanded medical cannabis program creates business opportunities in two main categories

**Licensed Medical
Cannabis Businesses**

**Industry Supporting
Allied Businesses**

There are 332+ medical cannabis business licenses available in the below categories via merit based application process

**60
Cultivation /
Agriculture**

**80
Manufacturing /
Extraction**

**192
Dispensing /
Patient Care**

**2+
Testing /
Labs**

MERIT BASED LICENSE APPLICATION PROCESS



APPLYING IS HARD BUT FAIR

- A typical license application response can be 500-1500 pages per and may be judged on the following potential criteria:
 1. Character, veracity, background and relevant experience of officers or principals
 2. Business plan including supply, operations, safety, facility, patient and community security
 3. Economic impact in the site community
 4. Internal and external site security
 5. Legal cannabis market experience
 6. Competitiveness in the MMJ marketplace (branding, pricing, service)





60 CULTIVATION LICENSES AVAILABLE



CULTIVATION LICENSING

- **Determine type of facility**
 - Greenhouse
 - Indoor Grow
- **Determine grow style**
- **Identify / secure real estate location**
 - Check zoning and required setbacks
 - City / municipal support
 - Availability of utilities
- **Identify / organize your team**
 - Consultant with cannabis experience
 - Attorney and Accountant
 - Banking partner
 - Design/build partner
 - Security consultant
- **Determine financing**
- **Create pro-formas and business plan**
- **\$3MM-\$10MM per location**





80 MANUFACTURING / EXTRACTION LICENSES



MANUFACTURING LICENSING

- Identify / secure location
 - Proper zoning, utilities and city support
- Determine products to be manufactured
- Facility plan including extraction / lab equipment
- Identify / organize your team
 - Cannabis / application consultant
 - Attorney and Accountant
 - Banking partner
 - Design/build partner
 - Security consultant
- Create pro-formas and business plan
- If stand-alone license, how to partner with cultivators and dispensaries
- Determine financing
- \$1MM-\$3MM per location



2+ TESTING FACILITY LICENSES

TESTING FACILITY LICENSING

- DHSS will certify a minimum of 2 labs for all cannabis testing (more if applicable)
- Appropriate testing is critical to demonstrate product strength / content including
 - Cannabinoid testing (CBC, CBD, CBDa, CBG, CBN, THC, THCa, THCv, etc.)
 - Terpene profiles
 - Doesn't contain harmful levels of contaminants or adulterants such as pesticides/fungicides/plant growth regulators, residual solvents, heavy metals and microbiological contaminants.
- Identify / organize your team
 - Attorney and Accountant
 - Banking partner
 - Design/build partner
 - Security consultant
- Define business plan and pro-formas
- Determine financing
- \$1.5MM-\$2MM per location





192 DISPENSARY / PATIENT CARE LICENSES



DISPENSARY LICENSING

- 192 licenses statewide, 24 dispensaries per congressional district
 - Be strategic on location
- Identify / secure real estate location
 - Check zoning
 - City / municipal support
 - Availability of utilities
- Identify / organize your team
 - Consultant with cannabis experience
 - Attorney and Accountant
 - Banking partner
 - Design/build partner
 - Security consultant
- Develop pro-formas and business plan
- Create a brand for your establishment(s)
- Consider partnerships with manufacturers & cultivators
- Determine financing
- \$350K-\$700K per location



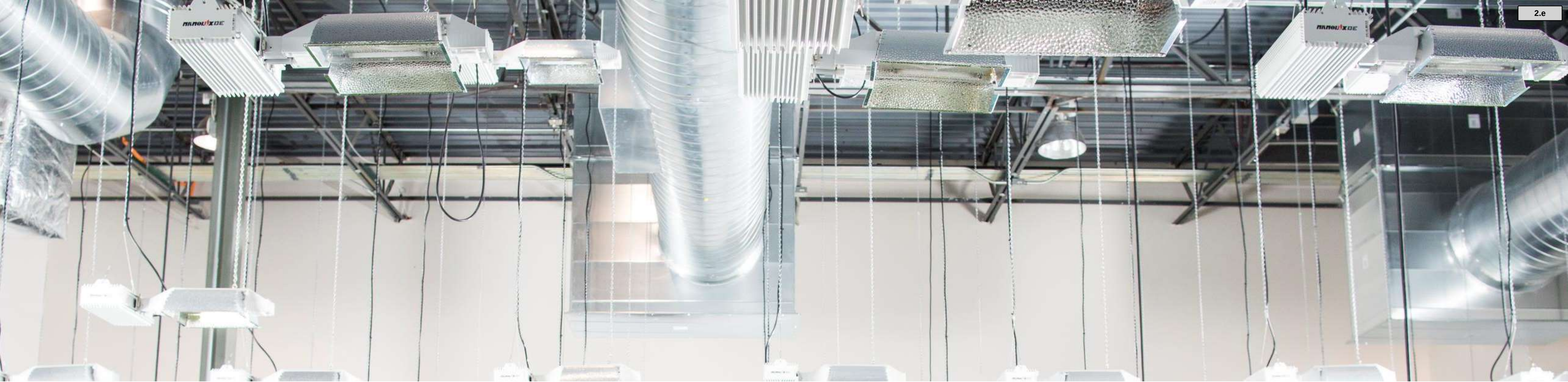
A silver van is shown from a low-angle, front-three-quarter perspective, driving on a multi-lane asphalt road. The van has a black front bumper and a black side skirt. On the side of the van, the word "INKAS" is written in a stylized, light-colored font. The background features a city skyline with various skyscrapers under a blue sky with scattered white clouds. The overall scene suggests a professional or commercial transportation service.

MMJ TRANSPORTATION

MMJ TRANSPORTATION

- Licensed facilities can transport their own products as part of their license to other licensed facilities as appropriate.
- DHSS will also certify entities which demonstrate compliance with its transportation standards to transport Marijuana and Marijuana-Infused Products to
 - a cultivation facility
 - a products manufacturing facility
 - a dispensary facility
 - a testing facility
 - or another entity with a transportation certification





INDUSTRY SERVICE PROVIDERS



ALLIED BUSINESS OPPORTUNITIES

- Capital Raising & Investing
- Banking Services
- CPA / Accounting Services
- Commercial Real Estate
- Design / Build Services
- Greenhouse Builders & Suppliers
- Industry Consultants
- Architecture / Interior Design
- Marketing Services
- POS System Providers
- Industrial Equipment
- Lighting Design / Equipment

- Security Companies
- IT Consulting Services
- Insurance & Bond Companies
- Healthcare Systems
- Private Medical Practices
- Non-Dispensing Retailers
- Building Contractors
- Publications
- Attorney / Legal Services
- Soil Nutrient Companies
- Commercial Farming
- Packaging Businesses



ACCOUNTING ECONOMIC IMPACT

332 Licensed MMJ Businesses
Reflecting:

Accounting / CPA services: 332 x
average contract value \$35K per
location = **\$11+ million**



LEGAL SERVICES ECONOMIC IMPACT

332 Licensed MMJ Businesses
Reflecting:

Legal Services: 332 x average
contract value \$50K per location =
\$16+ million



ELECTRICAL / LIGHTING ECONOMIC IMPACT

332 Licensed MMJ Businesses
Reflecting:

Electrical / Lighting: 332 x average
contract value \$100K per location =
\$33+ million



SECURITY SERVICES ECONOMIC IMPACT

332 Licensed MMJ Businesses
Reflecting:

Security Services: 332 x average
contract value of \$100K+ per
location = **\$33 million**



DESIGN/BUILD ECONOMIC IMPACT

332 Licensed MMJ Businesses
Reflecting:

Design / Build: 332 x average contract
value of \$1 million per location =
\$332+ million





ESTIMATED TOTAL ECONOMIC IMPACT OF \$500+ MILLION





**Mitch Meyers –
Beleaf Co**



**John Curtis -
Beleaf Co**



**Eric Walter –
Armstrong Teasdale**



**John Pennington –
Savoy Properties**



**Andrew Mullins –
Executive Director**

**Mike Morgan –
Gateway Extraction**

Q&A PANEL DISCUSSION

www.mocanntrade.org



MOCANNBIZCON + EXPO

March 11 - 12, 2019 | St. Louis, MO

Sponsorship Opportunities

[Contact](#)

[MoCannBizCon + Expo](#)

[MoCannTrade](#)

GET INVOLVED

MEDICAL CANNABIS - A Practical Primer: Jan 24th

STL LC Member Meetup: Feb 4th

COMO LC Member Meetup: Feb 5th

KC Leadership Council: Feb 6th

SPR Leadership Council: Feb 7th

MoCannBizCon+Expo: Mar 11th-12th

