Identifying best practices in adoption, implementation and enforcement of flavoured tobacco product restrictions and bans: lessons from experts

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ABSTRACT

Objective To identify recommended components for adopting, implementing and enforcing bans or restrictions targeting flavoured tobacco products.

Methods Between April and June 2019, semistructured interviews were conducted with 17 high-level experts across the USA and Canada with expertise in flavoured tobacco product policies. Participants included health department staff, researchers, legal professionals and local government officials. Interviews were recorded, transcribed and analysed for key themes.

Results Major findings were organised into four categories: programme planning and legislative preparations; education and community outreach; critical pre-implementation elements including using comprehensive policy language, identifying enforcement agents, examining potential economic costs, deploying media campaigns and engaging community partners and retailers. Recommended implementation processes included a 6-month preparation timeline, focus on retailer education and clearly outlined enforcement procedures, particularly for concept flavours.

Conclusions Flavoured tobacco policies have successfully limited sales, withstood legal challenges and become more comprehensive over time, providing useful lessons to inform ongoing and future legislative and programmatic efforts. Identifying and sharing best practices can improve passage, implementation, efficacy and evaluation of flavoured tobacco policies.

INTRODUCTION

Flavoured tobacco product restrictions and bans have become an increasingly popular response to widespread use of electronic cigarettes (e-cigarettes), electronic smoking devices (ESDs) and vaping products in local jurisdictions across the USA. Although the US Food and Drug Administration (FDA) enacted a federal ban on cigarettes with characterising flavours (such as cherry or chocolate) in 2009, several limitations have allowed flavoured tobacco products to proliferate. The exemption of menthol, as well as the introduction and extrafortification of flavoured e-cigarettes, has contributed to the growing use of tobacco products among youth and vulnerable adult populations. The most recent National Youth Tobacco Survey indicates that nearly 28% of high school age youth currently use e-cigarettes, reversing consistent declines in overall tobacco use since the 1990s and mobilising legislators, communities, educators and concerned parents to action.

To date, over 270 US localities across nine states have passed restrictions on the sale of flavoured tobacco products (which include e-cigarettes, ESDs and vapes products in the USA), and eight states have enacted emergency rules to temporarily restrict e-cigarette sales. In November 2019, Massachusetts became the first state to pass a flavoured tobacco product ban inclusive of vapes and menthol cigarettes. FDA guidance remains incomplete, as 2020 enforcement priorities for electronic nicotine delivery systems (ENDS) continue to exclude tobacco-flavoured and menthol-flavoured ENDS products, as well as all flavours of e-liquids for open tank ENDS. In the absence of a comprehensive federal-level ban, this wave of legislative action is expected to continue.

Model policy language exists to guide the creation of flavoured tobacco bans and restrictions. Strong evidence also exists demonstrating the efficacy of these policies in restricting access to flavoured tobacco products in the USA and Canada. However, there is less information available on procedures surrounding policy adoption, implementation and enforcement. Legislation alone does not ensure its effective policy implementation, and a better understanding of best practices can help policies achieve public health goals. Considering the vested interest of tobacco companies, vaping businesses and some retail organisations in actively undermining flavoured tobacco product restrictions, policy implementation could be impeded without incorporation of best practices.

Given the rapid expansion of flavoured tobacco policies across the USA, this study sought to identify factors critical to effective policy implementation through key informant interviews with experts across the USA and Canada. This study emerged from a project for the Hawai‘i Department of Health (DOH) to inform state legislative efforts. Despite previous successes in passing progressive tobacco regulations, including being the first US state to raise the legal age of sale and possession of all tobacco products (including e-cigarettes) to 21 years, rates of vaping for middle and high school age youth in Hawai‘i are among the highest nationally (16% and 26%, respectively). Menthol use among Native Hawaiian and Filipino youth...
and adult populations is also high.\textsuperscript{16–18} While this project was prompted by Hawai‘i’s programmatic and legislative efforts, it draws on experiences from diverse experts across North America, providing important and applicable implementation considerations for other states and localities.

METHODS
Key informant selection
University of Hawai‘i at Mānoa (UH) Healthy Hawai‘i Initiative Evaluation Team research staff received recommendations for nine experts with flavoured tobacco policy knowledge and experience from Hawai‘i DOH and other colleagues. A brief literature search identified eight additional key tobacco experts. Individuals were considered experts due to their first-hand involvement with passing, implementing, enforcing, evaluating and/or researching flavoured tobacco bans and restrictions across one or more jurisdictions. Some experts were well-known individuals with decades of experience, while others had recently played a key role in contributing to flavour bans.

Between April and June 2019, the research team conducted interviews with 17 experts across the USA (n=13) and Canada (n=4). These included eight health department staff, four university researchers, two legal professionals, two local government officials and one researcher from a national organisation. Several individuals held dual appointments or roles.

Study instruments and procedures
Using a standardised semistructured interview guide, all participants were asked about an ideal timeline, efficacy of implementation in their jurisdiction, evaluation considerations, lessons learnt, menthol-specific challenges, economic impacts and unforeseen consequences (see online supplemental file for full interview guide). These topics stemmed from a review of current literature, which aimed to identify facilitators and barriers to successful implementation of flavoured tobacco product restrictions and inform the language and content of the interview guide. Additional probes were added when speaking to subject matter experts on particular issues, and the guide was updated with an additional question pertaining to flavoured tobacco product lists.

Two research staff conducted a total of 14 interviews (11 with individual participants, 3 with pairs of participants) using the online platform Zoom. The average interview lasted 46 min. Recordings were transcribed by a professional transcription service and then reviewed and cleaned. Transcribed text was transferred from Microsoft Word documents to Excel for data management and systematic coding. Written consent was obtained from all participants.

Data analysis
Interviews were deductively and inductively analysed using the framework method by two research staff (KR RR) to identify key themes. The framework method is a useful approach for thematic analysis of semistructured interview transcripts and also supports the emergence of new or additional themes.\textsuperscript{19} Some key themes, such as the value of education campaigns, the need for clear enforcement mechanisms and the importance of anticipating industry pushback, were expected from the existing research literature, while others emerged from the analysis including policy adoption procedures. In both cases, text was aggregated by code to identify compelling quotations and meaningful subthemes.

RESULTS
Participants had experience with a variety of flavoured tobacco bans and restrictions; policies inclusive of vape products and e-cigarettes; policies exclusive to traditional tobacco products; comprehensive bans without any exemptions; as well as partial bans, including restrictions exempting menthol, restrictions exempting adult-only retailers and location-dependent restrictions (eg, sales restriction to a certain distance from schools). Based on the interview guide and thematic analysis, key findings were organised into four overarching categories: (1) programme planning and legislative preparations, (2) education and community outreach, (3) implementation and enforcement, and (4) policy impact. It was anticipated that findings would focus primarily on implementation and enforcement processes; however, it quickly became apparent from interviews that the policy passage and adoption phases should not be assessed separately, as legislative and pre-implementation factors are critical to successfully implementing and enforcing a flavour ban.

Programme planning and legislative preparations
Participants widely recognised that comprehensive bans on flavoured tobacco products set a strong foundation for effective implementation (table 1). As one participant described, ‘Look at the places which have exceptions. Those laws are much harder to enforce, because the rule is complex. If you just say, “we’re not allowing the sale of flavoured tobacco products, period,” it’s also easier for the retailers because they don’t have to get into these questions.’

In a variety of contexts, partial bans and exemptions have proven difficult to enforce, requiring additional legislation to address unforeseen consequences. For example, several jurisdictions described that in response to policies exempting adult-only retailers, convenience stores had sectioned off retail space to create ‘adult-only’ spaces to sell flavoured tobacco products. Specifically pertaining to the drafting of legislation, several participants highlighted the need for comprehensive language to avoid such loopholes.

Additional legislative considerations included predetermining responsible actors for enforcement and ensuring these parties had requisite statutory authority for enforcement. There was consensus that penalties written into the proposed legislation should target retailers, not users, especially not underage users.

Menthol was identified as an essential, but challenging element. Some indicated that if menthol was excluded from tobacco legislation, key advocates would likely withhold their support. Several participants strongly framed flavour bans as a health equity issue, highlighting the need to reach populations historically targeted by the tobacco industry (racial/ethnic minorities; sexual and gender minorities; and adolescents) to ensure they achieved equal protection under the new policy. As one participant reflected, ‘The people with the least resources, the people that are least informed, the folks that are in the most precarious position, are the ones using this product. If we’re going to deal with health disparities, then we have to deal with that issue. Menthol is at the core.’ Yet, some participants recognised the political expedience of exempting menthol from policies, considering its high value to the tobacco industry and to local and state governments given associated revenues generated from tobacco taxes.

Regarding potential economic and financial considerations of a flavour ban, one common argument against adopting similar policies is that retailers will be forced to close their businesses...
due to lost revenue. However, participants consistently reported limited evidence of retailers closing due to flavour bans.

**Education and community outreach**

Media campaigns were identified as important to increasing general awareness of flavoured tobacco products, their health impacts and details of the proposed policy (table 2). Respondents recommended that both flavoured tobacco and menthol-specific campaigns should be employed to educate the public about the risks associated with these products, and that menthol campaigns could specifically expose exploitation by the tobacco industry. According to one participant: ‘Raising broad awareness of that as an issue both helps lay the groundwork for effective industry. According to one participant: ‘Raising broad awareness of that as an issue both helps lay the groundwork for effective enforcement and will also help build support for legislation…

I would try to start as aggressive and loud a public education campaign on these issues as possible.’ Several participants strongly suggested that advertisements for cessation resources complement any campaign, and requisite funding should be set aside for this purpose.

Identifying and engaging community partners throughout the legislative and implementation process emerged as a clear message across multiple jurisdictions. It was recommended that community members, especially priority populations, be at the centre of policy and campaign efforts to shape messaging, inform educational efforts and mitigate potential misunderstandings of a proposed policy. Engaging youth was also identified as a highly effective approach, particularly in the legislative setting, recognising that the organised, coordinated turn-out of youth

| Themes | Codes | Sample responses |
|---------|-------|------------------|
| Media campaigns | Flavoured tobacco campaign critical to increasing general awareness. | ‘There needs to be a public health media campaign that gets this message home about the importance and the problems with flavored tobacco products, and there needs to be cessation services made available to people who want to quit.’ |
| Retailers as partners | Retailers should be valued as partners; overall they want to cooperate but need support. | ‘Based on our experience, you know, the retailer engagement is absolutely key. They’re hopefully partners in this effort, and not just people to be regulated…Ensuring compliance with the policy [is easier] when they are on board with it, and in our experience most retailers genuinely want to comply with the policies.’ |
| Community partners | Community members need to be at the centre of planning and action. | ‘You have to engage the community that you’re regulating…you can’t regulate a population that uses it at very high rates, and that are addicted, without engaging that population.’ |

**Table 2** Concepts and themes to consider related to education and community engagement for a state-wide flavoured tobacco ban

| Themes | Codes | Sample responses |
|---------|-------|------------------|
| Media campaigns | Flavoured tobacco campaign critical to increasing general awareness. | ‘There needs to be a public health media campaign that gets this message home about the importance and the problems with flavored tobacco products, and there needs to be cessation services made available to people who want to quit.’ |
| Retailers as partners | Retailers should be valued as partners; overall they want to cooperate but need support. | ‘Based on our experience, you know, the retailer engagement is absolutely key. They’re hopefully partners in this effort, and not just people to be regulated…Ensuring compliance with the policy [is easier] when they are on board with it, and in our experience most retailers genuinely want to comply with the policies.’ |
| Community partners | Community members need to be at the centre of planning and action. | ‘You have to engage the community that you’re regulating…you can’t regulate a population that uses it at very high rates, and that are addicted, without engaging that population.’ |
and community activists in public hearings has been important in other settings. Other suggested key actors include law enforcement and religious groups. It was portrayed that strong local engagement can heighten pressure on elected officials, lead to increased ownership of an issue or specific policy and build community commitment to effective implementation.

Treating tobacco retailers as partners also emerged as an important theme. Respondents cautioned about coordinated retailer advocacy in opposition to proposed legislation due to concerns about lost sales, particularly for specialty shops. At the same time, participants stated that retailers generally want to comply with a new policy, but need support to fully understand the intent, criteria and implications of flavoured tobacco legislation.

### Implementation and enforcement procedures

An ideal timeline to prepare for implementation was identified as 3–12 months (table 3). It was noted that local, state and federal rules and regulations could impact the timeline. Six

| Table 3  | Concepts and themes to consider related to implementation and enforcement of a state-wide flavoured tobacco ban |
|----------|-----------------------------------------------------------------------------------------------------------------|
| Themes   | Codes  | Sample responses |
| Implementation timeline | ► Ideal implementation timeframe identified as 3–12 months.  
► Need to understand how local, state and federal rules and regulations could impact timeline.  
► Widely acknowledged that a grace period was critical for education, selling off flavoured tobacco product and allowing for warning visits. | 'I would say three to six months. I think anything shorter than three months is too fast, because there will just be chaos. Which is bad for everybody, the retailers, the enforcement agencies, everybody else. I think longer than six months, it starts dragging out and the momentum, if you manage to get this thing through the legislature, it will be a big loud fight. And the big loud fight will generate a lot of publicity, which is itself very helpful in terms of establishing public awareness for proper implementation. And if you wait too long…people forget about that.' |
| Components of the implementation phase | ► Initial notification considered the first step in the process.  
► Retailer education: widely seen as the key step, and a lengthy, resource-intensive process.  
► Necessary to advertise complementary cessation programmes while implementing flavour ban. | 'Distribute a notification letter to all retailers in the state, let them know about the new law, timeline, and new signage and posters if needed. Also make the materials available at city hall or another place for retailers to go.' |
| Retailer education | ► Knowing your retailers is key to creating effective and appropriate educational materials.  
► One-on-one outreach is the most effective approach in providing education and answering questions; may require volunteer support.  
► Additional communication approaches could include a hotline, textline and web postings.  
► Be clear with messaging for retailers: create low-literacy materials and translate for store owners as needed, and include visual images of flavoured products as a training tool.  
► Town halls were not identified as a useful approach for retailer education.  
► Vendors, wholesalers and distributors can be useful allies in reaching retailers. | 'Many of our retailers don’t fully understand the difference between tobacco product and a nicotine product and an e-juice. They’re selling these products, but they don’t understand necessarily what has nicotine and what doesn’t have nicotine. And so having to explain that and be really precise about the really nuanced products that are out there can be challenging, especially when a vendor is not happy to see you to begin with.' |
| Responsible agencies for enforcement | ► No one set approach to enforcement: other jurisdictions often involved health department and law enforcement.  
► Assessing current capacity and responsibilities will help identify who is in the best position.  
► Most jurisdictions did not hire additional staff to enforce a restriction or ban. | 'There’s a wide range of agencies, ranging from the health departments, to local police departments, to code enforcement…some jurisdictions have dedicated licensing entities that handle…all business licensing. I think it really comes down which agency has the infrastructure in place to do it most effectively.' |
| Enforcement procedures | ► Licensing key to identifying population of retailers.  
► Engaging local youth can improve in-person and online enforcement operations.  
► Many aspects of protocol to consider, including jurisdiction of inspection teams, use of courtesy checks and enforcement of concept flavours.  
► Will also need to establish protocol for identifying flavours, including use of sniff test and process for contesting. | 'We also recognize from an enforcement point of view, we didn’t want our locals to go in and enforce on the most difficult product right away. Because we do have some zealots who would rush in and want to try to nail them on a product that was designed to be right on the line as to flavored or not flavored…Don’t fall on that sword early on in the process. Just go with the obvious stuff.' |
| Addressing non-compliance | ► Stand-alone fines were not seen as an effective deterrent for retailers.  
► A combination of fines, suspensions and revocations is typically employed in other jurisdictions.  
► Establishing an appeals process is also critical.  
► Be aware of potential impact of political pressure from probusiness interests in appeals and impact on consistency of enforcement. | 'I think the potential loss of a retail license is a bit more motivating for compliance (vs fines).' |
| Concept flavours and product lists | ► Concept flavours identified as among the single biggest challenges and evolving issues.  
► Need a set protocol for identifying concept flavours.  
► Flavoured tobacco product lists have been attempted in many jurisdictions but were widely seen as ineffective and impossible to maintain.  
► Non-flavoured tobacco product lists identified as a potential approach to addressing this issue. | 'I know that in State _____, they were curating a list of flavored tobacco products that they were certifying as flavored tobacco. That list is dozens and dozens and dozens of pages. It’s very dense. I think what worked for them is they had folks who were sort of living and breathing tobacco compliance and were able to know the ins and outs of all of those products. Our enforcement team, there’s just no way for them to be living and breathing hundred thousands of products and if the color red is somehow flavored today but wasn’t flavored yesterday.' |
months was identified as the average amount of time to erect the necessary infrastructure. Participants acknowledged that grace periods were critical for education, permitting retailers to sell down flavoured tobacco inventories, and enforcement agents to conduct warning visits. Several respondents stressed that policies should be implemented as soon as possible to avoid loss of momentum and public interest, while others emphasised that too short of an implementation period could be chaotic for retailers and enforcement agencies. A slightly longer timeline was expected for state-wide bans to coordinate all of the key players.

Retailer education was widely seen as a key step in the implementation phase and was regarded as a lengthy, resource-intensive process. Several participants noted that knowledge of existing retailers was critical in creating appropriate educational materials. One-on-one outreach was generally regarded as the most effective approach in providing education and answering questions, and in some jurisdictions, this required volunteer support from the community.

Town halls were resoundingly rejected as a useful approach for retailer education, as this format is often inaccessible for retailers working long hours and leads to venting of frustration by the most vocal critics rather than targeted education and relationship building.

Respondents clearly indicated that there is no single approach to enforcement of flavoured tobacco regulations. Commonly involved parties included departments of health and law enforcement, but no two jurisdictions involved the same array of actors. Stand-alone fines were not seen as an effective deterrent for retailers. The participants firmly conveyed that a combination of fines, suspensions and revocations would be necessary, noting that this approach is currently employed in many jurisdictions. Closely related, determining an appeals process was identified as an important consideration.

Establishing procedures for identifying flavours was also highlighted as a key element, including the use of sniff tests and processes for contestation. Concept flavours (tobacco products with characterising flavours not clearly identifiable as fruit, dessert or menthol) were one of the most important challenges and evolving enforcement issues. Products combining menthol and fruit flavours were also recognised as attempts to evade regulatory language. Participants reinforced the importance of setting clear protocols for identifying concept and combination flavours. However, it was cautioned that creating comprehensive lists of banned products was nearly impossible to maintain as the number of products proliferates into the tens of thousands.

An alternative suggestion was to create a list of non-flavoured tobacco products that can be sold as opposed to maintaining a list of banned products. This recommendation would entail developing a certification, approval and appeals process. For example, manufacturers would certify under oath, with a penalty for making a false statement, that their products do not contain characterising flavours. The designated enforcement agency would then be responsible for product review and approval. Though not yet attempted, a non-flavoured product list would put the onus on the tobacco industry to prove that their products are not flavoured, reducing work for public enforcement agents.

Policy impact
Several participants reinforced the importance of baseline data collection prior to passage and implementation of flavour policies to demonstrate impact (table 4). Participants highlighted the importance of disaggregated data focusing on vulnerable populations, data targeting flavours and menthol separately, and collecting information specific to different geographies. Of particular note, participants mentioned the limited data regarding internet sales, which has not been identified as a key purchasing outlet in many jurisdictions where policies have been passed.

Participants uniformly stated that bans or restrictions in their jurisdiction had been successfully implemented. Typically, this was evidenced by high retailer compliance based on purchase and inspection data. At the same time, past and pending litigation and the potential for legislative pre-emption were perceived as constant threats across jurisdictions large and small. Several respondents saw coordinated industry pushback throughout the legislative and implementation processes as proof of the impact of these tobacco policies. According to one participant, ‘This is really striking at the heart of their new markets…This is one of those issues that isn’t going to be over for a while, because the industry is going to counterattack. But that’s just evidence about how important it is.’ Still, participants from some jurisdictions felt that lawsuits at the local level were hindering broader action at the state level.

DISCUSSION
By exploring common themes across flavoured tobacco regulatory efforts at multiple levels of governance, we sought to inform policy and programmatic efforts in Hawai‘i and elsewhere. Our findings suggest that across North America, flavoured tobacco policies have largely been implemented successfully and are increasingly comprehensive in scope. Tobacco policy experts are clearly learning from one another and building on efforts in other jurisdictions. As an evolving area, additional data are still needed to evaluate and assess the impact of these policies. In addition to analysing tobacco usage rates and utilisation of cessation resources, potential indicators to evaluate and assess impact include monitoring sales tax revenue, conducting telephone surveys with retailers or intercept surveys, gathering data on the response of tobacco distributors or other key players and bringing confiscated products to legislative hearings as evidence.

We also identified commonalities in the successful passage and implementation of flavoured tobacco policies. Salient aspects involved deep engagement of community members and retailers. Community advocates can play a central role in policy change as well as implementation by applying pressure to elected officials or enforcement authorities, educating community members and addressing resistance from coordinated retailers or other opposition groups. Retailer education emerged as possibly the most important and time-intensive aspect of implementation, and a number of studies to date have demonstrated that retail compliance with flavoured tobacco product restrictions is generally high.

While initially this study meant to focus on implementation and enforcement, participants did not dissociate policy passage from implementation processes, which is consistent with literature on the policy stages/cycle heuristic. A variety of critical pre-implementation factors emerged, including the creation of strong and comprehensive policy language to dictate predetermined enforcement roles and close loopholes, public education campaigns meant to sensitise citizens and legislators to the importance of flavoured tobacco policies and promotion of cessation resources including state quitlines and youth-focused services. While key to priming implementation and enforcement, many of these elements could be pursued immediately, even prior to passage, and active planning efforts could help avoid some
unforeseen consequences experienced elsewhere. For example, when legislation failed to include language to allow inspectors to seize flavoured tobacco products or issue violations during enforcement checks, this required amendments to provide inspectors with additional authority. Thus, implementation and enforcement issues identified by the key informants were directly related to the earlier policy adoption phase.

In addition to policy passage considerations, participants identified common challenges to implementation and enforcement. Respondents involved with partial bans or restrictions including geographic, adult-only and menthol exemptions saw workarounds and unintended consequences that necessitated further legislative action. The emergence of concept flavours and difficulties identifying flavoured tobacco products were generally recognised as leading challenges to consistent enforcement, causing confusion for both government agents and retailers who struggled to track the proliferation of new products. Reliance of governments on tobacco taxes to fund critical services and infrastructure was a resonant frustration among respondents. It has proven difficult in some contexts to quantify potential revenue structure was a resonant frustration among respondents. It has proven difficult in some contexts to quantify potential revenue.

Table 4 Concepts and themes to consider related to policy impact of a state-wide flavoured tobacco ban

| Themes | Codes | Sample responses |
|--------|-------|-----------------|
| Evaluation of flavour policies | ► Potential indicators could include purchase data, smoking/vaping rates, use of cessation resources and marketing data. | 'We also have some data specifically looking at what is the store environment. Have there been changes? Now the caveat to that is that we’re like a policy incubator, right?...We’ve had tobacco 21 has happened locally and statewide. We’ve got this flavor restriction and now one of our supervisors has proposed eliminating the sales of e-cigarettes altogether. So there’s a lot of things that pop in and it makes it really hard to parse out and even evaluate what thing, what levers are changing behavior, even if we do see behavior changing…So there’s just a lot of activity which is good, but not good from a scientific, let’s figure out how to measure that, perspective.' |
| ► Potential data sources could include point of sales data, household and school surveys, observational assessments in stores or development of a special survey/new questions to integrate into existing surveys. | |
| ► Importance of baseline data and gathering relevant information prior to passage and implementation to demonstrate impact. | |
| ► Importance of disaggregated data: asking about different role populations, specifically about flavours and menthol separately, information specific to different geographies. | |
| ► Little data collected in other jurisdictions on internet sales. | |
| ► Passage of multiple tobacco policies complicates efforts to attribute causation and behaviour change. | |
| Perceived success of bans and restrictions | ► High compliance and retailer cooperation assessed across jurisdictions, primarily from in-store inspections. | 'Overall the compliance has been pretty good and I don’t think we’ve seen tremendous backlash. I think small businesses aren’t super happy about it, but they’re also compliant, which is really appreciated.’ |
| ► Most retailers want to be in compliance once the policy passes, but may need help understanding the nuances of flavoured products. | "How do you know if it’s effective?...I say the reason that the tobacco industry is sitting here is because from the effects of policy...The industry recognizes this is a very effective policy and they’re willing to spend a lot of money to protect it.’ |
| ► Flavour bans are still an emerging area, but recognition that more evaluation data are needed to demonstrate impact. | |
| ► Full bans are easier to implement and evaluate than partial restrictions. | |
| ► Awareness that implementation challenges exist (eg, concept flavours, illicit products). | |
| Lawsuits and industry pushback | ► Past and pending litigation is a constant threat across jurisdictions. | 'We really couldn’t go the state level, because we needed to start with the cities and towns and then go up, which is what kind of sucks about the lawsuits, because the industry has such a big presence in our state house. I just would never undermine that. They’re everywhere. Really, they have legislators’ ears and they are the small business owners in all of these cities and towns and counties. They’re the life blood of the system, etc. etc. It was very hard to counter that.’ |
| ► Many saw coordinated industry pushback throughout the legislative and implementation processes as proof of impact. | |
| ► Be aware of Data Practice Act (DPA) issues: the public (including the tobacco industry) has the right to request copies of public government data, so be careful about what is put in writing. | |

While few studies have qualitatively examined flavoured tobacco implementation and enforcement processes, there is a body of literature focused on evaluating implementation of flavoured tobacco restrictions using point of sales data in places including New York City, Boston, Minneapolis and Saint Paul.9 10 12 13 Findings from these studies demonstrate high overall retailer compliance with restrictions, and that the availability of flavoured tobacco products for purchase decreased following policy implementation, reinforcing participants’ general perceptions of impact. Additionally, qualitative studies have sought to examine implementation and enforcement of other types of tobacco policies across various locations in North America. Several echoed findings from this analysis, including the value of education campaigns and media engagement,10 21 22 the role of local organisations, actors and partnerships,22–25 and strong enforcement mechanisms.21 Key challenges resonant with our findings included issues with policy loopholes,24 retailer opposition10 and industry pushback and lawsuits.10 21

Though there exist jurisdiction-level case studies examining the implementation of flavoured tobacco policies,10 to our knowledge, no other work attempts to compare experiences across North America to identify commonalities and best practices for implementation. Given the number of localities across the USA that have passed or are poised to act to address epidemic levels of vaping among youth and adult populations, this study has important practical applications. Among study strengths, the sample of respondents had experience with multiple types of policies in the USA and Canada. Overall, respondents were candid and forthcoming in their responses, and both internal and published findings corroborated key findings. Multiple research staff participated in each interview, reviewed transcripts and collaborated in the coding process to ensure quality of results.

While saturation of themes was reached, one limitation is a relatively small sample size. While this study included experts of diverse experiences and geographies, the sample size did not allow for subgroup analyses. Some of the findings may not be generalisable or adaptable as the respondents’ expertise is based on specific political, economic, geographic and organisational climates that can influence policy implementation and enforcement. In addition, many of these conversations took place months or years after policy adoption, passage and implementation;
therefore, it is possible that some of the findings were affected by recall bias.

Regulation of flavoured tobacco products, particularly e-cigarettes, is a fast-moving and highly dynamic health policy frontier in the USA and elsewhere. The rapidly evolving nature of this issue, influenced by emergency proclamations, potential US FDA changes and self-regulatory actions on the part of corporations including Juul, will likely influence implementation and enforcement options. For instance, it is doubtful that some jurisdictions, in attempting to act quickly and decisively, will have the luxury of 12-month preparation timeline or protracted educational efforts with their retailer populations. However, planning for successful implementation and enforcement will be relevant regardless of the time constraints or policy mechanisms. Comprehensive language, robust engagement, strong non-compliance measures, clear enforcement procedures and authority, and early consideration of evaluation measures were all identified as supportive elements. Readiness to respond to policymaker and retailer concerns about potential economic losses from tobacco sales, addressing the growing challenge of identifying concept flavours, and anticipating potential industry pushback could help avert or mitigate major issues. In highlighting best practices as well as common challenges, we hope to contribute to successful adoption, implementation and evaluation of flavoured tobacco policies that demonstrate their long-term impacts on public health.

What this paper adds

► The growing use of flavoured tobacco products, particularly in the form of electronic cigarettes, is leading to increased policy and regulatory action in the USA and elsewhere.

► While there exists model policy language to guide legislative efforts, limited research has focused on identifying best practices in policy implementation and enforcement related to flavoured tobacco products.

► Flavoured tobacco policies in the USA and Canada have successfully limited sales, withstood legal challenges and become more comprehensive over time, providing useful lessons to inform ongoing and future legislative and programmatic efforts.

► Recommended implementation processes included a 6-month timeline, focus on retailer education and clearly outlined enforcement procedures, particularly for concept flavours.

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