

risk to people's health, and it can get deep into lungs. It may even get into the bloodstream, affecting a person's lungs and heart.

- Particle emissions from dabbing and vaping marijuana can create levels of indoor air pollution similar to extreme air pollution events like wildfires. Exposure to air pollution at this level of concentration can cause cardiovascular and respiratory disease.

## **GASP Continues to Fight for Your Right to Breathe Smoke-Free Air**

### **1. Fighting to Protect Our Smoke-Free Laws**

GASP opposes any efforts to weaken laws that endanger public health through exposure to secondhand smoke and vaping emissions. We continue to fight to keep the public-health protections provided by the Colorado Clean Indoor Air Act strong, and oppose efforts to bring smoking back indoors after years of smoke-free policies.

### **2. Implementing and Improving Smoke-Free Policies in Communities**

GASP provides resources to individuals and businesses working to increase protections from secondhand smoke and offers guidance to residents exposed to secondhand smoke in their apartments or condominiums. We also help housing providers implement smoke-free policies.

### **3. Educating the Public about Secondhand Smoke**

GASP works to educate the public about the dangers of secondhand smoke by providing information and resources to resolve the drifting of secondhand smoke into a home or business.

More than 80% of donations to GASP are used to buy media time for informative and hard-hitting media campaigns through social media and news channels, along with radio and print campaigns to reach the public.

**Find out more at [gaspforair.org](http://gaspforair.org)**

## **Learn more. Visit these online resources!**

### **[gaspforair.org](http://gaspforair.org)**

Secondhand smoke and smoke-free policies.

### **[mysmokefreehousing.org](http://mysmokefreehousing.org)**

Smoke-free resources for housing providers and residents.

### **[mysmokefreehousing.com](http://mysmokefreehousing.com)**

Find a listing of smoke-free apartments and condos in Colorado.

### **[denversmokefreeliving.org](http://denversmokefreeliving.org)**

Denver's list of smoke-free apartments and condos.

### **[breathefreeco.org](http://breathefreeco.org)**

GASP and other groups dedicated to protecting Coloradans from breathing the harmful emissions from tobacco, marijuana smoke, or vaping.

### **[smokeissmoke.com](http://smokeissmoke.com)**

Find out more about the facts, laws, and actions you can take to keep public and workplaces smoke-free.

### **[breathcolorado.org](http://breathcolorado.org)**

Bar and restaurant employees against tobacco hazards.

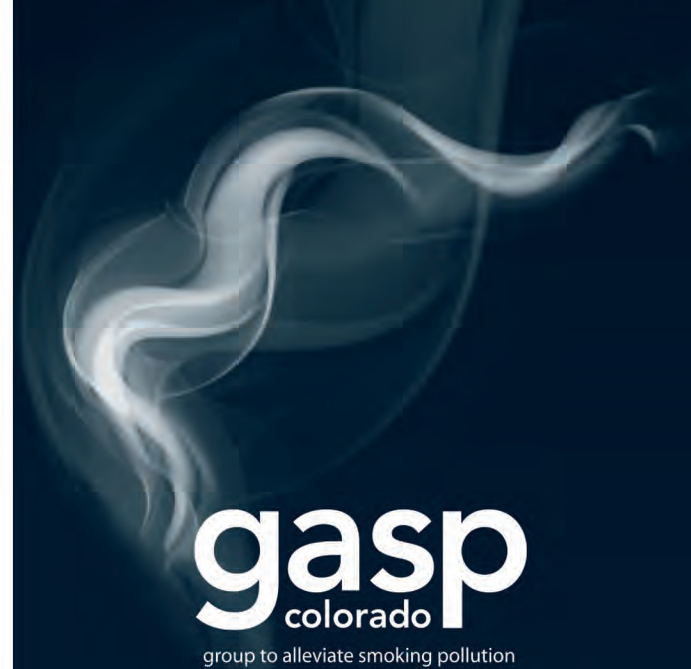
<sup>1</sup> World Health Organization, "Guidelines on Protection from Exposure to Tobacco Smoke Article 8 of the WHO FCTC," WHO Framework Convention on Tobacco Control Conference of the Parties, Accessed November 5, 2018.

<sup>2</sup> ScienceDirect. <https://www.sciencedirect.com/science/article/pii/S259016212100006X?via%3Dihub#>



4710 Table Mesa Drive | Suite A  
Boulder CO 80305-4504  
(303) 444-9799 | [gaspforair.org](http://gaspforair.org)

GASP of Colorado is a 501(c)(3) statewide nonprofit organization.



**gasp**  
colorado

group to alleviate smoking pollution

**Working to  
eliminate your  
indoor exposure  
to secondhand  
smoke—at work,  
in public spaces and  
multiunit housing.**

**[gaspforair.org](http://gaspforair.org)**

# You have the right to breathe clean, smoke-free air.

Since 1977, the Colorado Group to Alleviate Smoking Pollution (GASP) has fought hard to save lives, statewide, from the serious health risks of exposure to secondhand smoke from tobacco; and today from marijuana and the aerosols emitted by electronic smoking devices (vaping).

We educate and fight for local laws and statewide laws to protect the public at work, in public places, and in multiunit housing.



**Help GASP keep our public places smoke-free! Make a contribution.**

Your tax-deductible contribution helps GASP of Colorado advocate for smoke-free policies in public places, workplaces, and multiunit housing, and launch effective educational campaigns.

**Thank you for your support.**

## Current Protections from Secondhand Smoke Are at Risk

The Colorado legislature recently passed House Bill 19-1230, a law that allows local communities to choose whether to “Opt In” and allow marijuana smoking and/or vaping in any type of licensed establishment.

Allowing marijuana smoking and/or vaping in public places undermines the laws that have protected you from exposure to secondhand smoke in indoor spaces.

No ventilation system can filter all the toxic chemicals emitted in secondhand smoke from marijuana and vaping devices, some of which are the same cancer-causing compounds that cause disease and death from tobacco smoke.

According to the World Health Organization, “... Approaches other than 100% smoke free environments, including ventilation, air filtration and the use of designated smoking areas (whether with separate ventilation systems or not), have repeatedly been shown to be ineffective and there is conclusive evidence, scientific and otherwise, that engineering approaches do not protect against exposure to tobacco smoke.”<sup>1</sup>



## Marijuana. Vaping. Tobacco. What’s the Harm?

The serious health risks posed by exposure to secondhand tobacco smoke have been well-established. There is no safe level of exposure, and exposure causes disease, with nearly 50,000 deaths annually. Even a small amount of exposure can have immediate adverse effects on the heart.

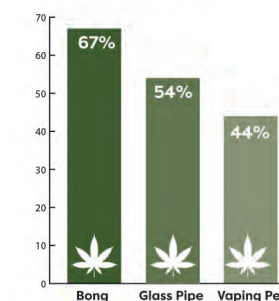
Science indicates that marijuana smoke and the aerosols emitted from vaping contain many of the same cancer-causing chemicals as tobacco smoke.

- At least 33 chemicals known to cause cancer are present in both marijuana and tobacco smoke.
- Scientists have found that marijuana smoke contains three times the amount of ammonia as tobacco smoke, as well as mercury, cadmium, nickel, lead, chromium, hydrogen cyanide, benzene, isoprene and toluene.

A 2021 study<sup>2</sup> found that marijuana joints produce 3.5 times the average fine-particle emission rate of Marlboro cigarettes, the most popular U.S. brand.

Fine-particle matter of 2.5< poses the greatest

Average emission rate of cannabis delivery devices vs. Joint



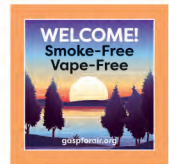
## Donate online: [gaspforair.org](http://gaspforair.org) Donate by check.

**Please except my tax-deductible contribution:**

\$25  \$50  \$75  \$100

Other: \$ \_\_\_\_\_

With your contribution of \$25 or more you'll receive GASP's *Welcome Smoke-Free/Vape-Free*, 4" x 4" decal for your door or window.



**Your Information** (please print)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

Check this box to be added to our e-mail list, and keep up with GASP's actions and information on secondhand smoke.

**Detach and mail this form with your check made payable to GASP of Colorado.**

GASP of Colorado  
2400 Central Avenue, Suite A3  
Boulder CO 80301-2843