

Vaping Pollutes the Environment and the Body

The human health effects are alarming, and so are the effects on our planet's health



Vaping *liquid* commonly pollutes the body with nicotine, propylene glycol, glycerin, flavorings, and other potentially toxic chemicals.¹



E-cigarettes pollute the land with single-use, disposable cartridges and other plastic and metal parts which can't be recycled. Used e-cigs are often found littering public spaces.



Vaping *aerosol* often contains other harmful substances such as flavoring chemicals (like diacetyl, linked to lung disease), metals (like lead), and other cancer-causing chemicals.¹



Toxic vapor from e-cigarettes can settle on surfaces such as floors and windows. This third-hand exposure on these surfaces may also expose others to nicotine.⁴



Vaping pollutes the air with nicotine and small particles.²



First-hand and second-hand aerosol vapor from e-cigarettes contains at least 10 chemicals on California's Prop 65 list of carcinogens and reproductive toxins including acetaldehyde, benzene, cadmium, formaldehyde, isoprene, lead, nickel, nicotine, N-nitrosornicotine, toluene.⁵⁻⁶ Vaping aerosols have also been found to contain other carcinogens including chromium and tin.



Vaping pollutes bystanders, much like secondhand smoke. E-cigarette vapor raises health risks for others, who inhale lingering vapor in the air and absorb nicotine.³

Ready to quit Vaping? Go to <https://teen.smokefree.gov/quit-vaping> for tools and support.

To learn more go to <https://smokefree.gov/quit-smoking/ecigs-menthol-dip/ecigs>



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