

E-Cigarettes in San Mateo County

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Presentation to the North Fair Oaks Community Council

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**SAN MATEO
COUNTY HEALTH**

Presentation Objectives

- General background on e-cigarettes
- E-cigarette use in San Mateo County
- Recent developments in media
- Proposed ordinance provisions

Background: Electronic Cigarettes (CDC)

- Also called E-cigs, vapes, e-hookahs, vape pens, electronic nicotine delivery systems (ENDS)
- Available in the US starting in the mid-2000's; by 2014, e-cigs were the most commonly used tobacco product among middle and high school students
- Current cigarette use for high school students in San Mateo County is 3.1%. The current e-cigarette use rate for SMC high school students is 20.8%



Concerns about E-Cigarettes

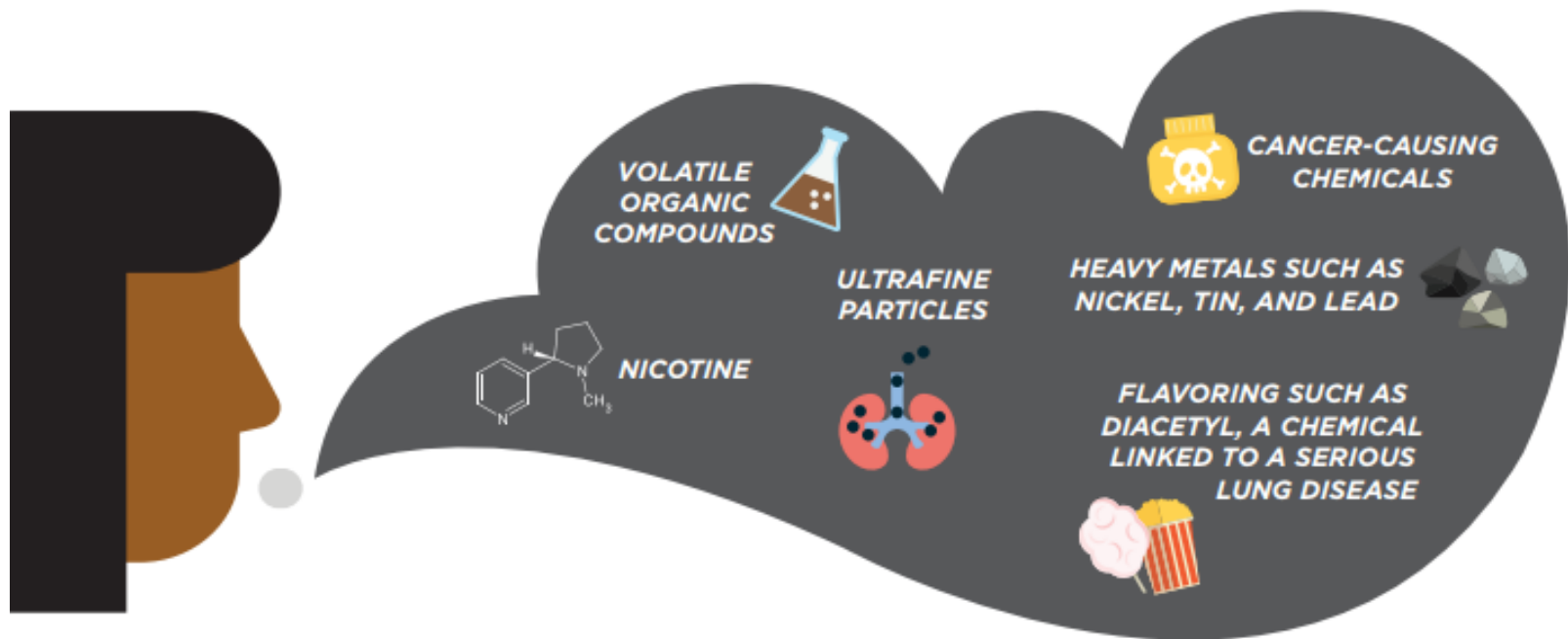
- Research not complete on effectiveness for quitting smoking (not FDA approved)
- Can be used to deliver cannabis or other drugs
- Virtually all e-cigarettes sold today entered the market after 2007 and have not been reviewed by the FDA to determine if they are appropriate for public health

E-Products: What do they look like?



What is in the Aerosol?

THE E-CIGARETTE AEROSOL THAT USERS BREATHE FROM THE DEVICE AND EXHALE CAN CONTAIN HARMFUL AND POTENTIALLY HARMFUL SUBSTANCES:



Source: CDC

Are E-Cigarettes Less Harmful than Regular Cigarettes?

- Contain fewer than the 7,000 chemicals in cigarette smoke, but
- E-cig aerosol contains harmful substances including nicotine, volatile organic compounds, and cancer-causing agents
- And...

E-cigs can have Unintended Consequences

- Batteries have caused fires and explosions
- Acute nicotine exposure can be toxic. Children and adults have been poisoned by swallowing, breathing, or absorbing e-cigarette liquid (CDC)



The screenshot shows the top portion of a CNN health article. The navigation bar includes 'CNN health' and links for 'Food', 'Fitness', 'Wellness', 'Parenting', and 'Vital Signs'. On the right, there are options for 'LIVE TV', 'Edition', a search icon, and a menu icon. The main headline reads 'This teen's vape exploded, shattering his jaw'. Below the headline, it is attributed to 'By Arman Azad, CNN' and includes a timestamp: 'Updated 9:53 PM ET, Wed June 19, 2019'.

CNN health Food Fitness Wellness Parenting Vital Signs LIVE TV Edition Q ☰

This teen's vape exploded, shattering his jaw

By Arman Azad, CNN
🕒 Updated 9:53 PM ET, Wed June 19, 2019

Recent Developments in the Media

- Researchers find e-cigarettes cause lung cancer in mice in first study tying vaping to cancer (NYU)
- Kroger supermarkets and Walgreens pharmacies will no longer sell e-cigarettes, citing regulatory uncertainty
- As of Oct. 15th , 1,479 lung injury cases across US were associated with use of e-cigarettes
- Thirty-three deaths in 24 states (3 in California) confirmed with more under investigation

Ordinance Provisions



Proposed Ordinance

No person, tobacco retailer, or other entity shall sell or distribute any electronic cigarette to a person in unincorporated San Mateo County unless the electronic cigarette:

- Is a New Tobacco Product which requires premarket review under 21 U.S.C. section 387j;
- Is covered by a premarket review and approval under 21 U.S.C. section 387j (c)(1)(A)(i);
- Is not a flavored tobacco product prohibited by Chapter 4.99 of the San Mateo County Code

Other details

- Effective 30 days after enacted
- Operative and enforceable 6 months after effective date

Ordinance Process

- Letters sent out to retailers in unincorporated areas of San Mateo County week of Oct. 7th
- Presentation to the Pescadero Municipal Advisory Council Oct. 8th
- In-person visits to coastside retailers
- NFOCC Review and Recommendation, October 24, 2019
- First reading November 5, 2019

Thank You!

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