

# Food and Drug Administration Center for Tobacco Products

**Docket No. FDA-2014-N-1936-0003**

## Comments by

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## Executive Summary

The growing mountain of scientific and empirical evidence (detailed in these comments) consistently indicates that electronic cigarettes (e-cigs):

- are 99% (+/-1%) less hazardous than cigarettes,
- are consumed almost exclusively (i.e. >99%) by smokers and exsmokers who quit by switching to e-cigs,
- have helped several million smokers quit and have helped several million additional smokers sharply reduce cigarette consumption,
- have replaced about 2 Billion packs of cigarettes in the US in the past five years,
- are more effective than FDA approved nicotine gums, lozenges, patches and inhalers for smoking cessation and reducing cigarette consumption,
- pose fewer risks than FDA approved Varenicline (Chantix),
- have not been found to cause any disease or disorders in users,
- pose no risks to nonusers,
- have further denormalized cigarette smoking,
- have never been found to create nicotine dependence in any nonsmoker, and
- have never been found to precede cigarette smoking in any daily smoker.

Accordingly, the Obama administration's FDA (and all other DHHS agencies) should correct, clarify and apologize to vapers, smokers and the public for knowingly and intentionally misrepresenting the scientific and empirical evidence on e-cigs since 2009, for continuously confusing and scaring the public about e-cigs, for unlawfully banning e-cigs in 2009, for funding and encouraging others to demonize and ban vaping, for misrepresenting the disastrous public health impact of the Deeming Regulation, and for aggressively campaigning (under the deceitful guise of scientific research and tobacco regulatory science) to impose the deadly Deeming Regulation.

According to the DHHS, daily cigarette smoking causes 480,000 deaths annually in the US, and >99% of all tobacco attributable morbidity, mortality and health care costs in the US are caused by daily cigarette smoking. In sharp contrast, the scientific and empirical

evidence indicate there is no evidence that e-cigarettes (when used as intended) have ever caused any disease or death.

But five years ago, FDA spokesperson Rita Chappelle revealed the agency's unscientific, unethical and inhumane policy to deceive Americans about e-cigs to defend the FDA's unlawful e-cig ban **"We don't want the public to perceive them as a safer alternative to cigarettes."**

Unfortunately for smokers and public health, this has been an underlying policy of Obama's DHHS, which also has deceitfully and repeatedly claimed that "tobacco use" (instead of "cigarette smoking") is the nation's leading cause of disease and death. Just as it would be public health malpractice for DHHS to repeatedly claim "insect bites" (instead of "mosquito bites") are the leading cause of malaria to confuse and scare the public, it is egregious public health malpractice for DHHS (or any other public health agency or official) to falsely claim that "tobacco use" is the leading cause of disease and death.

For nearly thirty years, Congressionally mandated warnings on smokeless tobacco products and the DHHS have deceitfully claimed that smokeless tobacco is NOT a safe alternative to cigarettes despite consistent epidemiologic evidence that smokeless tobacco is 99% less hazardous than cigarettes and despite survey evidence that many smokers have quit smoking by switching to smokeless tobacco.

Obama appointed DHHS officials (and their staff and funding recipients) have been maliciously deceiving smokers and the public to believe that all tobacco/nicotine products are as addictive and hazardous as cigarettes (except for the tobacco derived nicotine products marketed by drug companies, which DHHS continues to deceptively tout as most effective for quitting smoking even though gums, lozenges and patches have a 95% failure rate as smoking cessation aids).

Since e-cigs have already helped several million cigarette smokers quit smoking and since e-cigs appear to be 99% less hazardous than cigarettes, the only way public health could be negatively impacted by e-cigs is if 100 million nonsmokers begin vaping and no more smokers do so, which isn't going to happen. The same is true for smokeless tobacco products, which the FDA and other DHHS agencies have denied for the past three decades.

Although there is no evidence that public health would benefit if FDA imposes the Deeming Regulation, the FDA and other DHHS agencies (and many of their funding recipients) have falsely claimed otherwise since 2011. To achieve its extremist regulatory agenda, the FDA also has been falsely claiming that its regulations are based upon scientific evidence.

The FDA did remove one false statement (after two years of criticism) from one of its many misleading websites stating: "To date, no tobacco products have been scientifically proven to reduce risk of tobacco-related disease, improve safety or cause less harm than

other tobacco products." But DHHS has never corrected or clarified its hundreds of other false and misleading claims about e-cigs, smokeless tobacco or cigars.

During the past 20 years, Johnson & Johnson, GlaxoSmithKline, Pfizer and other drug companies have given several hundred million dollars to the Campaign for Tobacco Free Kids, American Cancer Society, American Heart Association, American Lung Association, American Medical Association, American Academy of Pediatrics, Pinney Associates (which employed Mitch Zeller as a lobbyist/consultant for most of the past decade) and others to promote FDA approved drugs as the only effective way to quit smoking, and to demonize and lobby for bans and/or unwarranted regulations on smokeless tobacco products, dissolvables, and e-cigs.

Forty six states have now banned the sale of e-cigs to minors, and many more would have done so by now had it not been for opposition lobbying by CTFK, ACS, AHA, ALA, which (after falsely accusing e-cig companies of target marketing to youth) have been hypocritically opposing state bills to ban e-cig sales to minors as a tactic to lobby for the FDA deeming regulation (so they can continue claiming the Deeming Regulation is necessary since some states still haven't banned e-cig sales to minors).

Cigarette smokers have a human right to truthful health information and legal access to less hazardous alternatives. Consistently, public health officials and agencies have an ethical duty to inform smokers that all smokefree tobacco and nicotine products are far less hazardous alternatives to cigarettes, and to keep all less hazardous alternatives legal and affordable for smokers as long as highly addictive and lethal cigarettes remain on the legal market.

The actions and misleading claims by Obama's DHHS on e-cigs are probably the most egregious public health malpractice ever committed by the US government, as the several million vapers and 45 million smokers whose lives DHHS is threatening far exceed the number of victims of the US Public Health Service's infamous Tuskegee syphilis study decades ago.

### Scientific and Empirical Evidence, and False and Misleading Fear Mongering Claims about E-cigarettes and Tobacco Harm Reduction by Obama's DHHS and its Funding Recipients since 2009

Before e-cigs entered the market, dozens of studies and two comprehensive evaluations of epidemiology research confirmed that smokeless tobacco products are exponentially less hazardous than cigarette smoking, and recommended that smokers be provided with truthful information about the comparable health risks of different tobacco products and encouraged to switch to smokefree tobacco alternatives if they cannot or don't want to quit using tobacco.

Tobacco harm reduction: an alternative cessation strategy for inveterate smokers, Brad Rodu and William T Godshall, Harm Reduction Journal 2006, 3:37doi:10.1186/1477-7517-3-37. <http://www.harmreductionjournal.com/content/3/1/37>

More than 80 studies confirming that smokeless tobacco and other noncombustible nicotine products are far less hazardous than cigarettes, and advocating that smokers be informed of this information (and encouraged to switch to those less hazardous alternatives) were published by Harm Reduction International (formerly IHRA) in 2006 with links to those journal articles at:

<http://www.ihra.net/sub-catagories-tobacco-harm-reduction>

Harm reduction in nicotine addiction; Helping people who can't quit, Royal College of Physicians, 2007.

<http://www.tobaccoprogram.org/pdf/4fc74817-64c5-4105-951e-38239b09c5db.pdf>

The 2007 Royal College of Physicians report also suggested that a product resembling the first e-cig products (which the report's authors weren't aware of) could prove to be the most effective product to help smokers quit. Although e-cigs were first marketed in the US in 2006, during 2007 and 2008, the e-cig market began to grow rapidly in the US and in Europe.

In April 2009, Obama's FDA revealed its unscientific, unethical and inhumane policy to deceive Americans about e-cigs and defend the FDA's e-cig ban and nearly 1,000 product seizures by US Customs agents: **"We don't want the public to perceive them as a safer alternative to cigarettes."**

<http://www.webmd.com/smoking-cessation/features/ecigarettes-under-fire>

On July 22, 2009, Obama appointee FDA Deputy Commissioner Josh Sharfstein (and former Henry Waxman staffer who lobbied Congress to enact the Altria negotiated and endorsed FSPTCA) held a press conference with CDC OSH Matt McKenna, longtime tobacco harm reduction opponent Jonathan Winickoff from Big Pharma funded AAP, and soon to be Chair of FDA TPSAC Jonathan Samet to defend the agency's unlawful and unwarranted e-cig ban from lawsuits by two companies whose products were seized. At that press conference, FDA's e-cig lab findings were misrepresented to scare the public to believe e-cigs are carcinogenic and toxic, e-cig companies were falsely accused of target marketing to youth, and it was alleged (without any evidence provided) that e-cigs are addicting children, can be gateways to cigarettes, can renormalize smoking, and don't help smokers quit.

<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm173222.htm>

<http://www.fda.gov/ForConsumers/ConsumerUpdates/ucm173401.htm>

<http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm173175.htm>

<http://www.fda.gov/downloads/NewsEvents/Newsroom/MediaTranscripts/UCM173405.pdf>

<http://www.fda.gov/downloads/Drugs/ScienceResearch/UCM173250.pdf>

Those fear mongering claims by FDA (defending the agency's ban on e-cigs, and the confiscation of nearly a thousand e-cig shipments by US Customs Agents) were cited in hundreds (perhaps thousands) of news articles and editorials since 2009, and have been

cited by hundreds of state and local health officials, e-cig prohibitionists, and politicians (primarily self proclaimed progressive Democrats) to lobby for state and local laws to ban the sale of e-cigs to adults, ban vaping in workplaces, and restrict marketing of e-cigs to adults.

<http://hamptonroads.com/2011/01/ecigarettes-are-they-safe>

But FDA failed to acknowledge that the trace levels of carcinogens found in e-cig products were nearly identical to levels found in FDA approved nicotine gums and patches, or that the trace level of DEG found in one e-cig sample was at a nontoxic level.

<http://www.ncbi.nlm.nih.gov/pubmed/2272559?>

<http://www.healthnz.co.nz/RuyanCartridgeReport30-Oct-08.pdf>

<http://www.healthnz.co.nz/DublinEcigBenchtopHandout.pdf>

<http://www.starscientific.com/404/stepanov%20tsna%20in.pdf>

The FDA also failed to mention that nitrosamines are present in many FDA regulated foods and drinks.

<http://www.ncbi.nlm.nih.gov/pubmed/7228254>

<http://content.karger.com/ProdukteDB/produkte.asp?Aktion=ShowPDF&ArtikelNr=225438&Ausgabe=245272&ProduktNr=223857&filename=225438.pdf>

The FDA also failed to acknowledge previously published research also found that e-cigs help satisfy the cravings of smokers.

[http://www.healthnz.co.nz/ecig\\_effect-2.pdf](http://www.healthnz.co.nz/ecig_effect-2.pdf)

Meanwhile, another 2009 study found that e-cigarettes emit ZERO smoke and appear to be at least 99% less hazardous alternatives to cigarettes.

<http://www.healthnz.co.nz/ECigsExhaledSmoke.htm>

FDA TPSAC member Neal Benowitz had previously conducted a study on the health risks of vaporizing/smoking marijuana at:

<http://medicalmarijuana.procon.org/view.source.php?sourceID=1379>

"[T]here was virtually no exposure to harmful combustion products using the vaporizing device. Since it replicates smoking's efficiency at producing the desired THC effect using smaller amounts of the active ingredient as opposed to pill forms, this device has great potential for improving the therapeutic utility of THC...

By a significant majority, patients preferred vaporization to smoking, choosing the route of delivery with the fewest side effects and greatest efficiency"

"Smokeless Cannabis Delivery Device Found Efficient and Less Toxic,"

A 2010 study found a first generation Ruyan e-cig reduced cravings among smokers as much as FDA approved nicotine inhaler, was more pleasant than the inhaler, and created less mouth and throat irritation than the inhaler.

Tob Control 2010;19:98-103

C Bullen, H McRobbie, S Thornley, M Glover, R Lin, M Laugesen

<http://tobaccocontrol.bmj.com/content/19/2/98.abstract>

Full text of article available at:

<http://www.healthnz.co.nz/2010%20Bullen%20ECig.pdf>

Another study found nicotine levels absorbed by novice e-cig users were far lower than those from cigarette smoking indicating that e-cigarettes may not contain/emit enough nicotine to create addiction.

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/108228-new-eissenberg-study-vindicates-e-cigarettes.html>

Thankfully for the rule of law, public health, civil liberties, market competition and common sense, Judge Richard Leon's January 15, 2010 ruling struck down FDA's e-cig ban as unlawful.

[https://ecf.dcd.uscourts.gov/cgi-bin/show\\_public\\_doc?2009cv0771-54](https://ecf.dcd.uscourts.gov/cgi-bin/show_public_doc?2009cv0771-54)  
[https://ecf.dcd.uscourts.gov/cgi-bin/show\\_public\\_doc?2009cv0771-55](https://ecf.dcd.uscourts.gov/cgi-bin/show_public_doc?2009cv0771-55)

In the US, a Citizens Petition by the American Association of Public Health Physicians (AAPHP) exposed, and urged the FDA to correct and clarify the agency's false and misleading claims about e-cigs made at the FDA's July 22, 2009 press conference, and to truthfully inform the public of existing evidence about the products at

<http://www.regulations.gov/search/Regs/home.html#docketDetail?R=FDA-2010-P-0093>

But the FDA never acted on that Citizens Petition filed by the AAPHP.

Instead, the FDA Filed a Reply Brief in SE/NJOY v FDA to DC Court of Appeals in another attempt to deprive cigarette smokers from legally accessing e-cigs.

<http://vaporsforum.com/showpost.php?p=419437&postcount=147>

Meanwhile, the US DC Court of Appeals accepted amici curiae brief (in SE/NJOY v FDA) filed by Smokefree Pennsylvania, American Council on Science and Health, Consumer Advocates for Smokefree Alternatives Association, National Vapers Club, Midwest Vapers Group, Michael Siegel and Joel Nitzkin in support of Judge Leon's ruling, to reject the FDA's appeal and to keep e-cigs legal.

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/92186-se-njoy-vs-fda-discussion-39.html#post1689042>  
brief <http://www.vapersclub.com/Ouramicusbrief.pdf>

A 2010 study by Etter found that e-cigs help smokers quit smoking and reduce cigarette consumption.

<http://www.biomedcentral.com/content/pdf/1471-2458-10-231.pdf>

[http://www.upi.com/Health\\_News/2010/05/04/E-cigarettes-helpful-in-quitting-smoking/UPI-68101272951697/](http://www.upi.com/Health_News/2010/05/04/E-cigarettes-helpful-in-quitting-smoking/UPI-68101272951697/)

A survey of e-cig users found e-cigs help smokers quit and reduce health risks (from Chapter 19 of Tobacco Harm Reduction 2010 Yearbook)

<http://tobaccoharmreduction.org/thr2010yearbook.htm>

Electronic cigarettes (e-cigarettes) as potential tobacco harm reduction products: Results of an online survey of e-cigarette users (by Heavner, Dunworth, Bergen, Nissen and Phillips)

"All respondents previously smoked and 91% had attempted to stop smoking before trying e-cigarettes. Most respondents resided in the USA (72%) and 21% were in Europe.

About half (55%) were 31-50, while 32% were >50 years old. Most (79%) of the respondents had been using e-cigarettes for <6 months and reported using them as a complete (79%) or partial (17%) replacement for, rather than in addition to (4%), cigarettes. The majority of respondents reported that their general health (91%), smoker's cough (97%), ability to exercise (84%), and sense of smell (80%) and taste (73%) were better since using e-cigarettes and none reported that these were worse. Although people whose e-cigarette use completely replaced smoking were more likely to experience improvements in health and smoking caused symptoms, most people who substituted e-cigarettes for even some of their cigarettes experienced improvements.”

A 2010 study found that many smokers were willing to substitute smokefree tobacco/nicotine alternatives for cigarettes.

<http://www.harmreductionjournal.com/content/pdf/1477-7517-8-1.pdf>

But in 2010, the FDA appointed its Tobacco Products Scientific Advisory Committee (TPSAC) consisting of no tobacco harm reduction advocates but with three members who had financial conflicts of interests by receiving lots of funding from drug companies.

[http://www.eurekalert.org/pub\\_releases/2010-10/uom-eum100110.php](http://www.eurekalert.org/pub_releases/2010-10/uom-eum100110.php)

<http://tobaccocontrol.bmj.com/content/19/5/e1.abstract>

Meanwhile, CDC funded Americans for Nonsmokers Rights misrepresented the scientific evidence on e-cigs and repeated fear mongering claims, while advocating vaping bans (by amending smoking bans to falsely redefine vaping a smokefree e-cig as "smoking").

<http://www.no-smoke.org/learnmore.php?id=645>

That same year, DHHS intensified its ideological campaign to end all tobacco use (instead of reducing cigarette morbidity and mortality), promoted abstinence-only intolerance, opposed effective risk reduction alternatives, perpetuated the lie that all tobacco products are similarly hazardous, and exclusively endorsed ineffective and expensive drug industry products for smoking cessation.

<http://www.hhs.gov/ash/initiatives/tobacco/tobaccostrategicplan2010.pdf>

Thankfully for public health, in December 2010 a Federal Appeals Court panel upheld Judge Leon's ruling that the FDA could not ban e-cigs

<http://prescriptions.blogs.nytimes.com/2010/12/07/e-cigarettes-win-appeals-ruling/?src=twrhp>

<http://reason.com/blog/2010/12/07/appeals-court-says-fda-may-not>

But the FDA responded by asking for a rehearing and rehearing en banc, and filing a motion asking that the stay be reinstated pending a rehearing (Sottera, Inc NJOY v FDA) FDA files request for a rehearing/rehearing en banc in e-cigarette lawsuit appeal

<http://online.wsj.com/article/SB10001424052748703581204576033640017829896.html>

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/92186-se-njoy-vs-fda-discussion-115.html#post2345950>

In response, NJOY filed an "Opposition to Motion for Stay Pending Disposition of Petition for Rehearing and Rehearing En Banc"

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/92186-se-njoy-vs-fda-discussion-121.html#post2360957>

Meanwhile, the Big Pharma funded e-cig prohibitionists filed an amicus brief in support of FDA's request for a rehearing/rehearing en banc

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/92186-se-njoy-vs-fda-discussion-124.html#post2378812>

Also in December 2010, a study was published finding that e-cigs are about 99% less hazardous alternatives to tobacco cigarettes (since they emit no smoke), that e-cigs satisfy the cravings of many smokers, and have helped hundreds of thousands of smokers stop smoking or significantly reduce cigarette consumption.

<http://www.sciencedaily.com/releases/2010/12/101216102116.htm>

<http://www.palgrave-journals.com/jphp/journal/v32/n1/full/jphp201041a.html>

Ironically, at the beginning of 2011, Barack Obama wisely stated "But we are also making it our mission to root out regulations that conflict, that are not worth the cost, or that are just plain dumb." In an op/ed in the Wall Street Journal entitled "Toward a 21st-Century Regulatory System".

[http://online.wsj.com/article/SB10001424052748703396604576088272112103698.html?mod=WSJ\\_hp\\_MIDDLENexttoWhatsNewsTop](http://online.wsj.com/article/SB10001424052748703396604576088272112103698.html?mod=WSJ_hp_MIDDLENexttoWhatsNewsTop)

Meanwhile, FDA Deputy Commissioner Josh Sharfstein departed from the FDA

<http://www.washingtonpost.com/wp-dyn/content/article/2011/01/04/AR2011010402572.html>

Shortly thereafter, a Federal Appeals Court upheld Judge Leon's ruling against the FDA's e-cig ban by denying FDA's appeal for rehearing and for reinstating stay of an injunction.

[http://online.wsj.com/article/SB10001424052748703555804576102462014074174.html?mod=googlenews\\_wsj](http://online.wsj.com/article/SB10001424052748703555804576102462014074174.html?mod=googlenews_wsj)

<http://vapersforum.com/showthread.php?t=27195> (full text)

FDA's then director for the Center of Tobacco Products Lawrence Deyton called for a "renewed - and expanded - war on tobacco use", and confused tobacco use with tobacco morbidity and mortality, 99% of which is caused by repeated inhalation of tobacco smoke

<http://www.publichealthreports.org/archives/issueopen.cfm?articleID=2597>

Meanwhile, another lab report published by FDA researchers found nothing hazardous in e-cigarettes, but the abstract failed to acknowledge that finding, while highlighting that some e-cigs contained slightly different levels of nicotine than stated on the package.

<http://www.tandfonline.com/doi/abs/10.1080/10826076.2011.572213>



During that time, Altria began conducting pharmacology, pharmacokinetic and toxicology studies of propylene glycol aerosol in animals

<http://www.sciencedirect.com/science/article/pii/S0300483X11002095>

Then, the FDA issued a “Strategic Priorities on Tobacco Products” that conflicted with FDA’s e-cigarette policies as well as its past actions

<http://www.fda.gov/AboutFDA/ReportsManualsForms/Reports/ucm246751.htm>

”3.3.1 Develop and implement science-based policy, regulations, enforcement strategies, and compliance programs to protect the public health

3.3.2 Provide the public with accurate, trustworthy, and accessible information about tobacco products”

Instead of reducing cigarette consumption/morbidity/mortality, Obama's National Prevention Strategy "Tobacco Free Lives" promoted abstinence-only intolerance, and protected cigarette and drug industry profits by targeting and misrepresenting the disease risks of less hazardous tobacco products. (Note this weblink is longer available)

<http://www.healthcare.gov/center/councils/nphpphc/strategy/report.pdf>

In response to losing the federal lawsuit filed by e-cig companies, on April 25, 2011 the FDA stated its intent to regulate e-cigarettes as tobacco products by imposing the "deeming" regulation and by imposing additional regulations on e-cigarettes (despite the agency's repeated claims that it bases all of its regulatory policies on scientific evidence).

<http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm252360.htm>

The FDA stated it "intends to propose a regulation" to extend the many different Chapter IX provisions of the FSPTCA

[http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111\\_cong\\_public\\_laws&docid=f:publ031.111.pdf](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111_cong_public_laws&docid=f:publ031.111.pdf)

to ALL to all currently unregulated tobacco products, which requires the Secretary of HHS to determine that any new regulation "would be appropriate for the protection of the public health," something the agency’s proposed Deeming Regulation would not achieve.

Instead of pointing out that the FDA had conceded that e-cigs were now legal and that FDA’s e-cig ban was unlawful, most news stories touted how the agency intended to regulate e-cigs as tobacco products.

[http://www.boston.com/business/articles/2011/04/26/tobacco\\_rules\\_apply\\_to\\_electronic\\_smokes/](http://www.boston.com/business/articles/2011/04/26/tobacco_rules_apply_to_electronic_smokes/)

<http://www2.journalnow.com/business/2011/apr/26/wsbiz01-fda-to-regulate-e-cigs-as-tobacco-products-ar-978270/>

<http://uk.reuters.com/article/2011/04/26/health-us-fda-tobacco-idUKTRE73O5KK20110426>

<http://www.news-herald.com/articles/2011/04/27/news/nh3931540.txt?viewmode=default>

Meanwhile, Big Pharma funded WHO TobReg urged the banning of e-cig, and imposing more unsubstantiated regulations for smokeless tobacco

[http://www.who.int/tobacco/global\\_interaction/tobreg/publications/tsr\\_955/en/index.html](http://www.who.int/tobacco/global_interaction/tobreg/publications/tsr_955/en/index.html)

WHO TobReg also misrepresented smokeless tobacco risks, and urged sales bans and unsubstantiated regulations

[http://www.who.int/tobacco/global\\_interaction/tobreg/brisbane\\_2002\\_smokeless/en/inde](http://www.who.int/tobacco/global_interaction/tobreg/brisbane_2002_smokeless/en/inde)

[x.html](#)

WHO TobReg opposed smokeless tobacco as harm reduction alternative for smokers  
[http://www.who.int/tobacco/global\\_interaction/tobreg/publications/tsr\\_951/en/index.html](http://www.who.int/tobacco/global_interaction/tobreg/publications/tsr_951/en/index.html)

WHO urged taxing smokeless tobacco at same rate as far more hazardous cigarettes  
[http://www.who.int/tobacco/publications/tax\\_administration/en/index.html](http://www.who.int/tobacco/publications/tax_administration/en/index.html)

WHO TobReg urged banning flavored tobacco products, but not flavored NRT products  
[http://www.who.int/tobacco/global\\_interaction/tobreg/9789241209458.pdf](http://www.who.int/tobacco/global_interaction/tobreg/9789241209458.pdf)

WHO also falsely claimed that all tobacco products similarly deadly  
<http://www.who.int/tobacco/resources/publications/wntd/2006/en/index.html>

About the same time, British American Tobacco created Nicoventures to develop new nicotine products

[http://www.bat.com/group/sites/UK\\_3MNFEN.nsf/vwPagesWebLive/DO8FLL93?opendocument&SKN=1](http://www.bat.com/group/sites/UK_3MNFEN.nsf/vwPagesWebLive/DO8FLL93?opendocument&SKN=1)

[http://www.bat.com/group/sites/uk\\_3mnfen.nsf/vwPagesWebLive/DO8FLL93/\\$FILE/medMD8FNE7K.pdf?openelement](http://www.bat.com/group/sites/uk_3mnfen.nsf/vwPagesWebLive/DO8FLL93/$FILE/medMD8FNE7K.pdf?openelement)

<http://www.industryleadersmagazine.com/british-american-tobacco%E2%80%99s-new-tobacco-free-nicotine-nicoventures/>

<http://www.bloomberg.com/news/2011-04-05/bat-creates-division-to-make-safer-alternative-to-cigarettes.html>

[http://www.acsh.org/factsfears/newsID.2510/news\\_detail.asp](http://www.acsh.org/factsfears/newsID.2510/news_detail.asp)

<http://www.ft.com/intl/cms/s/0/4ceee0e6-8c7a-11e0-883f-00144feab49a.html#axzz1O4TOU5Js>

while Philip Morris International bought the rights to a new nicotine delivery system

<http://www.medicalnewstoday.com/articles/226787.php>

<http://www.dailymail.co.uk/health/article-1391541/Smoking-Marlboro-maker-buys-smoke-free-nicotine-inhaler-tobacco-companies-seek-consumer-acceptable-products.html>

In the US, Andrea Vansickle presented data from two ongoing VCU studies finding e-cigs emit nicotine to consumers, which refuted highly publicized claims by VCU researcher Thomas Eissenberg (and now FDA TPSAC member) the previous year stating that e-cigs emit no nicotine.

[http://www.preventionconnections.org/conferenceslides/Tobacco\\_Harm\\_Reduction.pdf](http://www.preventionconnections.org/conferenceslides/Tobacco_Harm_Reduction.pdf)

[http://www.news.vcu.edu/news/Study\\_reveals\\_a\\_need\\_to\\_evaluate\\_and\\_regulate\\_electronic\\_cigarettes](http://www.news.vcu.edu/news/Study_reveals_a_need_to_evaluate_and_regulate_electronic_cigarettes)

A 2011 study found that no-nicotine e-cigarettes were helpful for smoking cessation among smokers with high behavioral dependence

<http://www.medicalnewstoday.com/releases/224925.php>

<http://erj.ersjournals.com/content/early/2011/05/12/09031936.00109610.abstract?sid=eadf9ad0-c457-41ce-a423-830a9879ef42>

A 2011 study: “Interviews With Vapers: Implications for Future Research With Electronic Cigarettes” found that e-cig users switch from cigarettes with a learning curve, report health benefits, and cite new and different products

<http://ntr.oxfordjournals.org/content/early/2011/05/12/ntr.ntr088.abstract?keytype=ref&ijkey=095WzUwnLNO6Er9> (abstract)

<http://ntr.oxfordjournals.org/content/early/2011/05/12/ntr.ntr088.full.pdf+html> (full text)

<http://vapersforum.com/showthread.php?t=30631>

A 2011 survey of 3,587 e-cigarette consumers finds overwhelming majority said products helped them quit smoking

<http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2011.03505.x/abstract>  
<http://ectoh.org/documents/3B.5%20Etter%20Electronic%20cigarettes%20-%20Utilization%20satisfaction%20and%20perceived%20efficacy.pdf>  
<http://www.scribd.com/doc/61623650/Electronic-Cigarettes%E2%80%94Users-Profile-Utilization-Satisfaction-and-Perceived-Efficiency> (full text)

ACSH critiqued the new survey findings by Etter/Bullen at  
[http://www.acsh.org/factsfears/newsID.2883/news\\_detail.asp](http://www.acsh.org/factsfears/newsID.2883/news_detail.asp)

Beginning in 2011, the FDA and its TPSAC considered two integrally related issues involving far less hazardous smokefree Tobacco Harm Reduction alternatives for smokers: Modified Risk Tobacco Products and Dissolvables.

The FDA contracted with the Institute of Medicine (IOM) to recommend guidelines for MRTP claims (i.e. reduced risk claims for cigarettes and smokeless tobacco products). The IOM announced its committee for Scientific Standards for Studies on Reduced Risk Tobacco Products at:

<http://www8.nationalacademies.org/cp/committeevew.aspx?key=49321>

The IOM announced its Committee on Scientific Standards for Studies on Modified Risk Tobacco Products meeting in DC at

<http://iom.edu/Activities/PublicHealth/ModifiedRiskTobacco/2011-MAY-09/Agenda.aspx>

The FDA contracted IOM Committee invited tobacco manufacturers to present (that mostly focus on so-called modified risk cigarettes), invited anti-tobacco activists to present (who misrepresented the comparable health risks of combustible versus noncombustible tobacco); and invited regulators and researchers to present (who proposed dozens of different studies costing millions of dollars before any smokefree product could be truthfully marketed to smokers as less hazardous alternative). But the IOM committee didn't invite any tobacco harm reduction or consumer health advocates to present.

During the public comments period, eight interested parties testified, with all but one presenter pointing out that all smokeless tobacco products are far less hazardous than all cigarettes. The list of people/organizations that made public comments to the IOM Committee is at:

<http://vaporsforum.com/showpost.php?p=565463&postcount=4>

The public statement by William T. Godshall, MPH, Executive Director of Smokefree Pennsylvania at the IOM Committee meeting, which was posted at

<http://vaporsforum.com/showpost.php?p=565457&postcount=1> is reprinted below.

"I'm Bill Godshall, founder and executive director of Smokefree Pennsylvania, a

nonprofit organization that since 1990 has been advocating local, state and federal policies to reduce indoor tobacco smoke pollution, reduce tobacco marketing to youth, hold cigarette companies accountable for past misdeeds, increase cigarette tax rates, fund tobacco education and smoking cessation services, and inform smokers that all smokefree tobacco/nicotine products are far less hazardous alternatives to cigarettes.

For disclosure, neither Smokefree Pennsylvania nor I have ever received any direct or indirect funding from any tobacco, drug or electronic cigarette company or trade association.

There appear to be three different types of modified risk or reduced exposure applications that will be submitted to the FDA via Section 911 of the FSPTCA:

- those comparing a smokefree tobacco product to cigarettes,
- those comparing a cigarette to other cigarettes, and
- those comparing a smokefree product to other smokefree products.

Existing scientific evidence indicates that all cigarettes pose similar morbidity and mortality risks, and that all smokeless tobacco products marketed in the US pose similar morbidity and mortality risks. So additional evidence is needed before one cigarette can be determined to be less hazardous than another, and more evidence is needed before one smokeless tobacco product can be determined to be less hazardous than another.

In sharp contrast, many decades of scientific evidence confirms that daily use of smokefree tobacco products marketed in the US and Sweden pose about 99% fewer mortality risks than cigarette smoking, and that switching to smokefree tobacco products reduces a smoker's mortality risks nearly as much as quitting all tobacco/nicotine. Nonsmokers are also exposed to less tobacco smoke when smokers switch to smokefree alternatives.

Since >99% of all tobacco attributable deaths in the US are caused by the repeated inhalation of tobacco smoke, while <1% are caused by the use of noncombustible tobacco products, it is vitally important for this committee to acknowledge these exponential differences of risk and encourage the FDA to incorporate this into the establishment of criteria for evaluating modified risk and reduced exposure tobacco product applications.

In the absence of reduced risk marketing claims, population surveys confirm that several million smokers have already switched to smokeless tobacco products even though the vast majority of smokers inaccurately believe that smokeless tobacco is just as hazardous as cigarettes. So smokeless tobacco products have already saved more lives (of smokers) than could be offset even if every non-tobacco user in America begins to use smokeless tobacco. Even if many more non-tobacco users begin using smokeless tobacco products, the truthful marketing of smokefree tobacco products as lower risk or reduced exposure alternatives to cigarettes can only further reduce tobacco morbidity and mortality (to a meaningful degree).

Therefore, this committee should encourage the FDA to not require new costly studies for

a smokefree tobacco product to claim it is less hazardous than cigarettes. But post-market surveillance would be helpful.

Requiring additional scientific studies before a company can make these types of modified risk or reduced exposure claims would be a “truth tax” for far less hazardous smokefree alternatives, would unfairly protect cigarettes from market competition by lower risk alternatives, and would threaten instead of improve public health.

Once the FDA begins approving truthful modified risk or reduced exposure claims for smokeless tobacco products compared to cigarettes, the agency also will be prompted to evaluate and eliminate the 25 year old intentionally misleading Congressionally mandated warning on smokeless tobacco products and advertisements stating: “This product is not a safe alternative to cigarettes,” which has confused most smokers to believe that smokefree products are just as hazardous as cigarettes.

Please remember that smokers have a human right to accurate and relevant health information and legal access to far less hazardous alternatives. The IOM and FDA should ensure that.”

Scott Ballin's statement to the IOM Committee is at:

<http://vapersforum.com/showpost.php?p=565462&postcount=3>

Elaine Keller's and CASAA's statement to the IOM Committee is at:

<http://www.casaa.org/news/article.asp?articleID=115&l=a&p=>

Unfortunately, at that same meeting the director for the FDA’s Center for Tobacco Products Lawrence Deyton instructed the IOM Committee to NOT consider any differences in risk between different types of tobacco products when making recommendations to the FDA (i.e. don’t acknowledge that smokeless tobacco products are less hazardous than cigarettes).

<http://www8.nationalacademies.org/cp...aspx?key=49321>

<http://www8.nationalacademies.org/cp/meetingview.aspx?MeetingID=4923&MeetingNo=1>

By instructing the IOM panel to not consider differences in risk between different types of tobacco products, Deyton basically instructed the committee to consider smokeless tobacco products to be just as hazardous as cigarettes, thus sabotaging any objective scientific evaluation and recommendations by the committee.

The Food Drug and Law Institute published an article on the IOM committee meeting.

<http://www.fdpi.org/membersonly/tobacco/index.html>

Complying with Deyton’s instructions, the Institute of Medicine committee issued a report that failed to acknowledge the huge body of scientific evidence confirming that smokefree tobacco products are far less hazardous than cigarettes, and recommended that smokeless tobacco companies be required to spend millions (or tens of millions) of

dollars on unwarranted studies prior to submitting an MRTP application to the FDA to truthfully claim that their smokeless tobacco product is less hazardous than cigarettes. When announcing the IOM Committee report, Committee Chair Jane Henney falsely claimed "Right now there's a shortage of scientific evidence on the health effects of modified risk tobacco products."

<http://www.iom.edu/Reports/2011/Scientific-Standards-for-Studies-on-Modified-Risk-Tobacco-Products.aspx>

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=13294>

[http://www.iom.edu/~media/Files/Activity%20Files/PublicHealth/Modified-Risk-Tobacco/modifiedrisktobacco\\_reportbrief.pdf](http://www.iom.edu/~media/Files/Activity%20Files/PublicHealth/Modified-Risk-Tobacco/modifiedrisktobacco_reportbrief.pdf)

Bill Godshall criticized the IOM Committee's refusal to consider the scientific evidence and its report at:

<http://www.snuscentral.org/snus-brad-rodu-bill-godshall-snus-news-snus-reviews/bill-godshall-institute-of-medicine-report-to-fda-on-smokeless-tobacco-an-outrage.html>

Jacob Sullum also criticized the committee's actions at "IOM Report Recommends That the FDA Continue Suppressing Lifesaving Information About Cigarette Alternatives"

<http://www.oncologyreport.com/news/clinical/single-article/iom-calls-for-research-on-e-cigs-tobacco-lozenges/d4272d58f9.html>

Also in 2011, the FDA created a new webpage entitled "Health Fraud" at <http://www.fda.gov/TobaccoProducts/ResourcesforYou/ucm255658.htm> addressing MRTP claims in Section 911 of the FSPTCA that grossly misrepresented the scientific and empirical evidence by stating:

"Claiming less harm or reduced risk of disease from using tobacco products misleads consumers to think that these products are safe to use. FDA considers these kinds of claims to be health fraud. These kinds of claims can only be made after scientific evidence to support them has been submitted to FDA, and FDA has issued an order permitting their marketing use. To date, no tobacco products have been scientifically proven to reduce risk of tobacco-related disease, improve safety or cause less harm than other tobacco products."

On August 25/26 of 2011, the FDA held a MRTP workshop, where the FDA invited and reimbursed numerous tobacco harm reduction opponents, but only several tobacco harm reduction advocates, to present their recommendations on requirements for submitting an MRTP application to the FDA. Most of the tobacco harm reduction opponents urged the FDA to require dozens of new studies costing many millions of dollars before any smokeless tobacco product manufacturer could submit a MRTP application to the FDA to truthfully inform smokers that smokeless tobacco is a less hazardous alternative to cigarettes.

The archived webcast of August 25/26 FDA MRTP workshop

[http://www.fda.gov/TobaccoProducts/NewsEvents/ucm259201.htm#Archived\\_Webcast](http://www.fda.gov/TobaccoProducts/NewsEvents/ucm259201.htm#Archived_Webcast)  
<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm259201.htm>

During the public comment period at the August 25 FDA meeting, William T. Godshall, MPH, Executive Director of Smokefree Pennsylvania presented testimony, with excerpts below.

“Electronic Cigarettes also are Far Less Hazardous Alternatives to Cigarettes, and Have Helped About a Million Smokers Quit Smoking

Although electronic cigarettes (e-cigarettes) are not currently subject to Section 911’s MRTP provisions, approximately one million smokers have quit smoking or sharply reduced their cigarette consumption by switching to or substituting smokefree e-cigarettes. To date, there is no evidence that e-cigarette usage has harmed anyone, which is logical since the products emit a tiny amount of vaporized nicotine (similar to nicotine inhalers that are marketed as smoking cessation aids) and water vapor. Of the dozen plus laboratory tests conducted on e-cigarettes, only one (conducted by the FDA in 2009) found a trace (and well below toxic) level of one so-called toxic chemical in just one of eighteen samples tested, and levels of nitrosamines in e-cigarettes are nearly identical to those in nicotine gums and patches. And despite marketing claims by many e-cigarette companies that the products are less hazardous than cigarettes, there is no evidence that e-cigarettes are used by youth or non-tobacco-users.

<http://www.healthnz.co.nz/RuyanCartridgeReport30-Oct-08.pdf>

<http://www.starscientific.com/404/stepanov%20tsna%20in.pdf>

<http://www.casaa.org/resources/lab.asp>

<http://www.hsph.harvard.edu/centers-institutes/population-development/files/article.jphp.pdf>

[http://www.jstage.jst.go.jp/article/seikatsueisei/55/1/55\\_59/article](http://www.jstage.jst.go.jp/article/seikatsueisei/55/1/55_59/article)

<http://erj.ersjournals.com/content/early/2011/05/12/09031936.00109610.abstract?sid=eadf9ad0-c457-41ce-a423-830a9879ef42>

<http://ectoh.org/documents/3B.5%20Etter%20Electronic%20cigarettes%20-%20utilization%20satisfaction%20and%20perceived%20efficacy.pdf>

<http://ntr.oxfordjournals.org/content/early/2011/05/12/ntr.ntr088.abstract?keytype=ref&ijkey=095WzUwnLNO6Er9>

<http://www.thetakeaway.org/2011/may/31/rethinking-quitting-campaigns-world-no-smoke-day/>

<http://www.scribd.com/doc/61623650/Electronic-Cigarettes%E2%80%94Users-Profile-Utilization-Satisfaction-and-Perceived-Efficiency>

<http://www.ncbi.nlm.nih.gov/pubmed/21801287>

<http://www.scirp.org/journal/PaperInformation.aspx?paperID=6134&publishStatus=2>

<http://www.sciencedirect.com/science/article/pii/S0300483X11002095>

<http://www.tandfonline.com/doi/abs/10.1080/10826076.2011.572213>

<http://www.casaa.org/news/article.asp?articleID=197&l=a&p=>

<http://www.cabinetoffice.gov.uk/resource-library/behavioural-insight-team-annual-update>

Former FDA Commissioner David Kessler has also acknowledged the benefits of smokeless tobacco, dissolvables and e-cigarettes as less hazardous alternatives for cigarette smokers at <http://www.westport-news.com/business/article/Q-A-Former-FDA-Commissioner-talks-about-tobacco-1735433.php> by stating "there's no doubt that in terms of risk of death there are some advantages to that substitution."

E-cigarettes also have been found to contain/emit similar or lower levels of nicotine than nicotine gums and lozenges

<http://www.healthnz.co.nz/2010%20Bullen%20ECig.pdf>

<http://www.e-cigarette-forum.com/forum/e-cigarette-news/108228-new-eissenberg-study-vindicates-e-cigarettes.html>

This indicates that e-cigarettes emit enough nicotine to satisfy the cravings of smokers, but may not emit enough nicotine to addict nonsmokers. Several published surveys have confirmed that e-cigarettes satisfy the cravings of smokers, and provide many health benefits to users who switched from cigarettes.

<http://ntr.oxfordjournals.org/content/early/2011/05/12/ntr.ntr088.full.pdf+html>

<http://www.biomedcentral.com/content/pdf/1471-2458-10-231.pdf>

<http://tobaccoharmreduction.org/thr2010yearbook.htm> (see chapter 9)

Other public health organizations that have extensively studied e-cigarettes have also endorsed their use by smokers, including The American Association of Public Health Physicians at <http://www.regulations.gov/search/Regs/home.html#docketDetail?R=FDA-2010-P-0093> and the American Council on Science and Health at

[http://www.acsh.org/factsfears/newsID.2849/news\\_detail.asp](http://www.acsh.org/factsfears/newsID.2849/news_detail.asp).

Unfortunately, after stating it would comply with Judge Richard Leon's court ruling at <http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm252360.htm>, FDA webpages continue to falsely claim that e-cigarettes are unapproved drug devices, continue to misrepresent the health risks and benefits, and continue to falsely claim that e-cigarettes are marketed to children via legally defective 2009/2010 agency documents, including former FDA Deputy Commissioner Josh Sharfstein's July 22, 2009 press conference materials and the agency's gross misrepresentation of its own laboratory report findings on SE & NJOY e-cigarettes products <http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm172906.htm>.

The FDA should take corrective action to eliminate all of the agency's inaccurate and misleading claims about e-cigarettes, and issue a correction/clarification to the public."

Meanwhile, the US Dept of Veterans Affairs falsely claimed the 2009 FDA lab analysis <http://www.fda.gov/downloads/TobaccoProducts/NewsEvents/UCM266138.pdf> found that e-cigarettes "expose users to harmful chemical ingredients, including many of the same toxic and carcinogenic compounds found in conventional cigarettes," grossly exaggerated unsubstantiated hypothetical risks, denied well documented health benefits to smokers who switched to e-cigs, urged healthcare providers to discourage smokers from switching to e-cigs, and advocated banning e-cigs use where smoking is banned despite no smoke and zero evidence of harm.

[http://www.va.gov/vhapublications/ViewPublication.asp?pub\\_ID=243](http://www.va.gov/vhapublications/ViewPublication.asp?pub_ID=243)

A 2011 CDC five year "Million Hearts" initiative correctly cited reducing "smoking" as important for reducing heart attacks and strokes, but reducing "tobacco use" was cited in program's stated principles, interventions and forthcoming grants to communities.

<http://www.nejm.org/doi/full/10.1056/NEJMp1110421>

A CDC Vital Signs article on 2010 cigarette smoking survey findings misled readers to believe that all tobacco products are as hazardous as cigarettes, that reducing cigarette consumption won't reduce smoker's health risks, that tobacco/nicotine abstinence is only way for smokers to reduce health risks, and that drug industry products, healthcare service providers and state funded tobacco control programs are the most effective ways



to reduce smoking; encouraged employers to ban use of all tobacco products on property by anyone at any time despite no evidence of public health benefits.

<http://www.cdc.gov/VitalSigns/adultsmoking/index.html>

The CDC released its 2020 Health Goals that appropriately included "Reduce illness, disability, and death related to tobacco use and secondhand smoke exposure," but deceptively (20 times) attributed problems caused by cigarette smoking as being caused by "tobacco use", failed to acknowledge that smokers sharply reduce risks by switching to far less hazardous smokefree alternatives, exaggerated the risks of smokeless tobacco and cigar use, and promoted abstinence-only policies and programs instead of those to reduce cigarette consumption and diseases.

<http://www.healthypeople.gov/2020/topicsobjectives2020/overview.aspx?topicid=41>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6042a7.htm?s\\_cid=mm6042a7\\_e&source=govdelivery](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6042a7.htm?s_cid=mm6042a7_e&source=govdelivery)

The CDC also gave a \$24 million grant to University of Wisconsin to "promote tobacco-free living" (among other things)

<http://www.jsonline.com:80/blogs/news/130661768.html>

FDA and NIH announced a joint study on tobacco use and risk perceptions, but FDA's press release falsely attributed health risks of cigarettes to other tobacco products by stating "While smoking rates have dropped significantly since their peak in the 1960s, nearly 70 million Americans ages 12 and older were current users of tobacco products in 2010. As a result, death and disease caused by tobacco use is still a tremendous public health burden. Tobacco use is the leading preventable cause of disease, disability, and death in the United States."

<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm274626.htm>

A new report by ACSH/Rodu: The Scientific Foundation for Tobacco Harm Reduction, 2006-2011 comprehensively reviewed the scientific evidence of different risks and benefits of different tobacco and nicotine products, revealing that smokefree products are exponentially less hazardous than cigarettes.

<http://www.harmreductionjournal.com/content/8/1/19/abstract>

<http://www.harmreductionjournal.com/content/pdf/1477-7517-8-19.pdf> (full text)

A 2011 study by Foulds revealed the results of interview with many e-cig users, finding the products were very effective for smoking cessation, reducing cigarette consumption, and perceived health benefits

<http://www.ncbi.nlm.nih.gov/pubmed/21801287>

"Smoking Cessation with E-Cigarettes in Smokers with a Documented History of Depression and Recurring Relapses" delineated a case report of heavy smokers with depression who quit smoking with e-cigarettes after failing previous attempts using NRT, bupropion and counseling).

<http://www.scirp.org/journal/PaperInformation.aspx?paperID=6134&publishStatus=2>

Another study found that smokers who relapsed after use of approved smoking cessation therapies subsequently quit smoking with e-cigs

<http://www.jmedicalcasereports.com/content/pdf/1752-1947-5-585.pdf>

In 2011, the first clinical trial on e-cigs (using a first generation product that is no longer on the market) found they were far more effective than NRT for smoking cessation and reducing daily cigarette consumption. Among forty participants who didn't want to quit smoking, overall daily cigarette consumption declined 80% after 24 weeks, with 22.5% remaining totally smokefree, 12.5% reducing daily cigarette consumption by at least 80%, and another 20% reducing daily cigarette consumption by at least 50%.

<http://www.biomedcentral.com/1471-2458/11/786> (abstract)

<http://www.biomedcentral.com/content/pdf/1471-2458-11-786.pdf> (full text)

In contrast to the unwarranted vilification of nicotine, another study found that nicotine may act as treatment for some symptoms of schizophrenia

<http://www.news-medical.net/news/20110111/Nicotine-may-act-as-treatment-for-some-symptoms-of-schizophrenia.aspx>

Meanwhile, a survey found that about 11.1 million adult Americans had used snus, 4 million had used e-cigarettes, and 1.4 million had used dissolvable tobacco products. Current smokers were 22 times more likely to have used e-cigarettes than never smokers, 7 times more likely to have used dissolvables, and 4 times more likely to have used snus (indicating that smokers were far more likely than nonsmokers to use these new smokefree alternatives).

<http://surveillance.mstobaccodata.org/wp-content/uploads/2010/06/2011-APHA-Presentation.pdf>

But in 2011, in response to a request by Sen. Frank Lautenberg, Obama appointed US DOT Secretary LaHood proposed banning e-cig use on airlines without providing any evidence that e-cigarette vapor posed any risks to nonusers (as no evidence exists)

<http://www.dot.gov/affairs/2011/dot11911.html> (DOT press release)

<http://www.scribd.com/doc/65089872/DOT-OST-2011-0044-0003> (proposed regulation)

<http://www.regulations.gov/#!docketDetail;dct=FR%252BPR%252BN%252BO%252BSR;hpp=10;po=0;D=DOT-OST-2011-0044>

News stories touted the DOT proposed e-cig ban on airlines as if it were a done deal.

<http://ori.msnbc.msn.com/id/44518729/ns/travel-news/>

<http://www.bloomberg.com/news/2011-09-14/electronic-cigarette-ban-sought-by-u-s-on-commercial-flights.html>

<http://aviationblog.dallasnews.com/archives/2011/09/government-shocks-electronic-c.html>

<http://www.cnn.com/2011/09/15/travel/electronic-cigarettes-ban/index.html>

[http://blogs.star-telegram.com/sky\\_talk/2011/09/dot-proposes-ban-on-electronic-cigarettes-on-flights.html](http://blogs.star-telegram.com/sky_talk/2011/09/dot-proposes-ban-on-electronic-cigarettes-on-flights.html)

In response, Smokefree Pennsylvania urged the US DOT to reject its proposed e-cigarette usage ban on air flights, and to extend the current smoking ban (on scheduled flights) to

include chartered flights.

<http://www.e-cigarette-forum.com/forum/legislation-news/235094-need-comments-us-plane-ban-nov-14-a-6.html#post4563461>

Consumer Advocates for Smokefree Alternatives Association (CASAA) and Competitive Enterprise Institute (CEI) also urged US DOT to reject its proposed e-cigarette usage ban on air flights

<http://www.scribd.com/doc/72749757/Comments-of-the-Consumer-Advocates-for-Smoke-free-Alternatives-Association-and-The-Competitive-Enterprise-Institute-to-the-U-S-Department-of-Transportation>

<http://cei.org/news-releases/government-plan-ban-e-cigarettes-airplanes-opposed-public-interest-groups>

US DOT still hasn't issued a Final Rule for its proposed vaping ban in airlines.

Meanwhile, the UK government Cabinet office 'nudge unit' wisely encouraged smokers to try using e-cigs to reduce smoking-related deaths

<http://www.guardian.co.uk:80/society/2011/sep/14/smokeless-nicotine-cigarettes-government>

<http://www.dailymail.co.uk/health/article-2037616/Fancy-lighting-smoke-Puff-smokeless-nicotine-cigarette-says-government.html#ixzz1Y5IaNQoa>

<http://www.ecigarettdirect.co.uk/ashtray-blog/2011/09/nudge-safe-nicotine-use.html>

Behavioral Insight Team annual update (see pages 3, 6, 7, 8 at

<http://www.cabinetoffice.gov.uk/resource-library/behavioural-insight-team-annual-update>

In contrast, California e-cig opponent Prue Talbot criticized e-cigs for being slightly different, complained about quality control of first generation e-cigs, and misrepresented the health/safety risks/benefits of e-cigs.

<http://ntr.oxfordjournals.org/content/early/2011/10/11/ntr.ntr164.abstract>

Back in DC, US Senate Democrats Blumenthal, Lautenberg & Brown urged the FDA to "swiftly" expand tobacco regulations, falsely accused industry of undermining the FSPTCA, urged the agency to apply Chapter IX to all cigars, pipe tobacco, hookah/shisha, dissolvables, e-cigarettes and other tobacco products, criticized companies for marketing exponentially less hazardous smokefree alternatives to smokers, and grossly misrepresented the health risks/benefits and marketing of smokefree alternatives to cigarettes.

<http://www.cspdigitals.com/tobaccoenews/tom-letter.pdf>

<http://www.cspnet.com/news/tobacco/articles/senators-send-letter-fda-other-tobacco-products>

By 2011, approximately one million smokers had quit smoking or sharply reduced their cigarette consumption by switching to or substituting smokefree e-cigs. There was no evidence that e-cig use had harmed anyone. All of the dozen plus laboratory tests conducted on e-cigarettes found that e-cigarettes emitted no hazardous levels of any

constituents, and that levels of nitrosamines in e-cigarettes are nearly identical (i.e. very little if any) to those in nicotine gums and patches.

<http://www.healthnz.co.nz/RuyanCartr...t30-Oct-08.pdf>

<http://www.starscientific.com/404/st...0tsna%20in.pdf>

<http://www.healthnz.co.nz/DublinEcigBenchtopHandout.pdf>

[http://www.casaa.org/files/Study\\_TSN...NJOY\\_Vapor.pdf](http://www.casaa.org/files/Study_TSN...NJOY_Vapor.pdf)

[Lab Reports / E Liquid Facts / E Cigarette and E Liquid from Totally Wicked](#)

[http://cdn.johnsoncreeksmokejuice.co...CMS\\_Report.pdf](http://cdn.johnsoncreeksmokejuice.co...CMS_Report.pdf)

<http://www.libertystix.com/LibertySt...ysis072309.pdf>

<http://truthaboutecigs.com/science/8.pdf>

<http://www.casaa.org/files/Exponent%...DA-Summary.pdf>

<http://www.hsph.harvard.edu/centers-...ticle.jphp.pdf>

[Taylor & Francis Online :: ANALYSIS OF ELECTRONIC CIGARETTE](#)

[CARTRIDGES, REFILL SOLUTIONS, AND SMOKE FOR NICOTINE AND](#)

[NICOTINE RELATED IMPURITIES - Journal of Liquid Chromatography & Related](#)

[Technologies - Volume 34, Issue 14](#)

A Literature Review for Glycerol and Glycols for Entertainment Services & Technology Association had also found no health risks to humans from inhaling propylene glycol

[http://tsp.plasa.org/tsp/working\\_groups/FS/docs/HSE.pdf](http://tsp.plasa.org/tsp/working_groups/FS/docs/HSE.pdf)

And by 2011, many published surveys had confirmed that e-cigarettes satisfied the cravings of smokers, helped many smokers quit and/or sharply reduce cigarette consumption, and provided perceived health benefits to users who switched from cigarettes.

[Sign In](#)

<http://www.biomedcentral.com/content...458-10-231.pdf>

[THR2010. \(tobaccoharmreduction.org\) \(see chapter 9\)](#)

<http://ectoh.org/documents/3B.5%20Et...20efficacy.pdf>

<http://www.ajpmonline.org/webfiles/i...AMEPRE3013.pdf>

[Electronic cigarettes \(e-cigs\): views of af... \[Int J Clin Pract. 2011\] - PubMed - NCBI](#)

[Interviews With Electronic Cigarettes](#)

A Japanese study similarly found e-cigarettes to be effective for decreasing cigarette consumption at SEIKATSUEISEI : Vol. 55 (2011) , No. 1 p.59-64, while a recently published case study found e-cigarettes effective for smoking cessation among depressed patients <http://www.scirp.org/journal/PaperIn...ublishStatus=2>.

A 2011 CDC published survey found that 1.2% (2.5 million) of US adults reported past-month use of an e-cig in 2010, ever-use of e-cigarettes quadrupled from .6% in 2009 to 2.7% in 2010, awareness of products doubled from 16.4% in 2009 to 32.2% in 2010. But the CDC authors repeatedly criticized and misrepresented the scientific evidence on e-cigarettes.

[http://tobaccocontrol.bmj.com/content/early/2011/10/27/tobaccocontrol-2011-](http://tobaccocontrol.bmj.com/content/early/2011/10/27/tobaccocontrol-2011-050044.abstract)

[050044.abstract](#)

Another 2011 CDC survey on smoking cessation inquired only about government approved drugs and counseling (while failing to ask about cold turkey, smokeless tobacco or e-cigs), and then touted government approved drugs and counseling as only effective ways to quit smoking.

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6044a2.htm?s\\_cid=mm6044a2\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6044a2.htm?s_cid=mm6044a2_w)

In a 2011 NY Times column, John Tierney revealed the health benefits of e-cigs. E-cigarettes help smokers quit, but they have some unlikely critics

[http://www.nytimes.com/2011/11/08/science/e-cigarettes-help-smokers-quit-but-they-have-some-unlikely-critics.html?\\_r=1&ref=science](http://www.nytimes.com/2011/11/08/science/e-cigarettes-help-smokers-quit-but-they-have-some-unlikely-critics.html?_r=1&ref=science)

A Legacy survey of current and former smokers aged 18-49 in 8 US metropolitan areas found that 5.3% (but just .9% of blacks) had tried using an e-cigarette. Among respondents who had heard of e-cigarettes, 63% (but only 35% of blacks) correctly believed e-cigs are less hazardous than cigarettes, 10% incorrectly believed e-cigs posed similar risks as cigarettes, 2% incorrectly believed e-cigs are more hazardous than cigarettes, and 25% said they didn't know. But the survey didn't inquire if former smokers quit by switching to e-cigarettes, or if current smokers reduced cigarette consumption by substituting e-cigarettes.

<http://www.legacyforhealth.org/Ecigs.pdf>

At the end of 2011, the FDA urged tobacco users to quit ALL tobacco use for the New Year and falsely attributed cigarette smoking risks to all tobacco use by stating "Tobacco use remains the single largest preventable cause of disease, disability, and premature death in the United States"

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm285236.htm?source=govdelivery>

At that same time, more than 5,000 people signed a Petition to the White House to "Recognize electronic cigarettes as an effective alternative to smoking and support job creation in this new industry"

[https://www.whitehouse.gov/petitions/%21/petition/recognize-electronic-cigarettes-effective-alternative-smoking-and-support-job-creation-new-industry/57vtB0QK?utm\\_source=wh.gov&utm\\_medium=shorturl&utm\\_campaign=shorturl](https://www.whitehouse.gov/petitions/%21/petition/recognize-electronic-cigarettes-effective-alternative-smoking-and-support-job-creation-new-industry/57vtB0QK?utm_source=wh.gov&utm_medium=shorturl&utm_campaign=shorturl)

<http://www.e-cigarette-forum.com/forum/law-e-cigarette/250506-my-response-white-gov-post.html>

But in response to the 2011 White House Petition, FDA's then Director of the Center for Tobacco Products Lawrence Deyton unscientifically, dishonestly and misleadingly wrote: *"E-cigarettes may contain ingredients that are known to be toxic to humans or otherwise harm public health – for example, if they are attractive to young people and lead kids to try other tobacco products, including conventional cigarettes, which are known to cause disease and lead to premature death. Because clinical studies of these products have not been submitted to the Food and Drug Administration (FDA), consumers currently have no way of knowing what types or concentrations of potentially harmful chemical are found in these products, or how much nicotine people inhale when they use these products. . . . However, in light of the lack of validated*

*scientific data, including a lack of reliable indicators of nicotine and harmful chemical content, FDA cannot at this time conclude that electronic cigarettes are an effective alternative to smoking.*

A 2012 study by Vardavas et al found that inhalation of e-cig vapor has no acute effect on pulmonary function (as measured by spirometry testing), but the article's title and abstract mislead readers about study's findings, while its authors (including past FDA TPSAC member Greg Connolly) urged FDA to once again regulate (i.e. ban) e-cigs.

<http://chestjournal.chestpubs.org/content/early/2011/12/21/chest.11-2443.abstract>  
<http://uk.reuters.com/article/2012/01/05/us-e-cigarettes-idUKTRE8041WB20120105>  
<http://medicalxpress.com/news/2012-01-e-cigarettes-affect-users-airways.html>  
<http://www.lungenaerzte-im-netz.de/lin/linaktuell/psfile/pdf/97/Originalar4f0ed30c6b30d.pdf>

Mike Siegel revealed that the Vardavas et al study confirmed e-cigarettes are far less hazardous than cigarettes

<http://tobaccoanalysis.blogspot.com/2012/01/new-study-shows-that-in-contrast-to.html>

The American Council on Science and Health also critiqued the rhetoric in the Vardavas et al study "E-Cigarette study is just amateur propaganda"

[http://www.acsh.org/factsfears/newsID.3305/news\\_detail.asp](http://www.acsh.org/factsfears/newsID.3305/news_detail.asp)

Meanwhile, two published study found that e-cigs deliver as much nicotine as cigarettes, in contrast to previous claims by one study's coauthor Tom Eissenberg.

<http://www.newswire.ca/en/story/869239/electronic-cigarettes-deliver-as-much-nicotine-as-tobacco-cigarettes>  
<http://erj.ersjournals.com/content/38/5/1219.extract>  
<http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2012.03791.x/abstract>

As FDA continued to misrepresent the scientific evidence by falsely claiming all tobacco products are as harmful as cigarettes at

<http://www.fda.gov/TobaccoProducts/ResourcesforYou/ucm255658.htm> and by posting false and misleading claims about e-cigarettes at

<http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm172906.htm>

<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/2009/ucm173222.htm> and

<http://www.fda.gov/downloads/NewsEvents/Newsroom/MediaTranscripts/UCM173405.pdf>,

the Washington Post published a puff piece falsely claiming FDA relies upon scientific evidence for all tobacco regulatory actions.

[http://www.washingtonpost.com/politics/putting-the-science-behind-fdas-tobacco-regulation/2012/04/29/gIOAHorgpT\\_story.html](http://www.washingtonpost.com/politics/putting-the-science-behind-fdas-tobacco-regulation/2012/04/29/gIOAHorgpT_story.html)

Mike Siegel criticized the FDA's actions: FDA Warns Smokers Against Using Electronic Cigarettes Because Unlike Tobacco Cigarettes, Their Risks are Not Precisely Known

<http://tobaccoanalysis.blogspot.com/2012/05/fda-warns-smokers-against-using.html>

and Further Analysis of FDA Warning on Electronic Cigarettes: What is the Agency Saying to Smokers Who Have Quit Using E-Cigs and Tried NRT Unsuccessfully in the Past?

<http://tobaccoanalysis.blogspot.com/2012/05/further-analysis-of-fda-warning-on.html>

Brad Rodu similarly criticized the agency for misrepresenting the health risks of different tobacco products: Health Fraud at FDA.gov - criticizes FDA for falsely claiming "To date, no tobacco products have been scientifically proven to reduce risk of tobacco-related disease, improve safety or cause less harm than other tobacco products."

<http://rodutobaccotruth.blogspot.com/2012/07/health-fraud-at-fdagov.html>

Instead of correcting its misinformation about e-cigs, the FDA continued its witch hunt against e-cigs by sending a letter to e-cig companies requesting information on adverse event reports (but not on beneficial health effects).

<http://www.e-cigarette-forum.com/forum/legislation-news/277925-fda-sends-letter-e-cigarette-company-ies-requesting-info-adverse-events.html>

In 2012, a WHO report acknowledged "**People have a right to accurate information about the harms of tobacco use,**" but deceptively attributed cigarette diseases/deaths/costs to use of other tobacco products, misleadingly referred to "cigarettes" as "tobacco" and "smoking" as "tobacco use" dozens of times (including twice in title) to confuse readers to believe all tobacco products pose similar health risks, claims WHO's goal is a "tobacco-free world" instead of reducing disease.

<http://www.who.int/tobacco/en/>

[http://whqlibdoc.who.int/publications/2011/9789240687813\\_eng.pdf](http://whqlibdoc.who.int/publications/2011/9789240687813_eng.pdf) (full text)

Meanwhile, the theme of the 2012 World Conference on Tobacco OR Health (which was heavily funded by Big Pharma companies) "Towards a Tobacco-Free World" promoted abstinence-only anti-tobacco extremism instead of reducing morbidity/mortality

<http://www.wctoh2012.org/edm/edm3-a1.html>

The FDA celebrated WHO's "World No Tobacco Day" by repeating false WHO claim that tobacco (not just cigarettes) kills up to half of users

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm256546.htm>

US DHHS' Koh celebrated the WHO's "World No Tobacco Day" by deceptively claiming that tobacco use (not cigarette smoking) is the major preventable cause of disease and death worldwide

<http://www.medilexicon.com/medicalnews.php?newsid=227010>

Similarly, the CDC deceptively claimed "tobacco use" instead of "cigarette smoking" is the leading preventable cause of death worldwide in promoting WHO's 2012 World No Tobacco Day.

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6120a1.htm?s\\_cid=mm6120a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6120a1.htm?s_cid=mm6120a1_e)

As Obama's FDA continued denying and misrepresenting scientific evidence in 2012 by falsely claiming "To date, no tobacco products have been scientifically proven to reduce risk of tobacco-related disease, improve safety or cause less harm than other tobacco products," the agency announced a partnership with NIH and issued RFAs to fund scientific research to advance FDA's abstinence-only regulatory agenda.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-13-003.html>  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-12-002.html>  
<http://www.fda.gov/TobaccoProducts/ResourcesforYou/ucm255658.htm>

After misrepresenting risks of e-cigarettes and urging the filing of adverse event reports since 2009 (but not for tobacco products, NRT or high risk smoking cessation drugs), FDA issued a misleading report on adverse event reports for e-cigs to further confuse, scare and push FDA's unwarranted Deeming Regulation.

<http://www.e-cigarette-forum.com/forum/media-general-news/321820-fda-tobacco-program-office-issues-misleading-report-adverse-events.html>

<http://ntr.oxfordjournals.org/content/early/2012/07/11/ntr.nts145.extract>

In 2012, Obama's DHHS created and touted a new abstinence-only website "Be Tobacco Free" that repeated false and misleading claims about e-cigs, smokeless tobacco, nicotine and FDA approved smoking cessation drugs, and falsely claimed its new website is the "best and most up-to-date tobacco-related information from across its agencies."

<http://betobaccofree.hhs.gov/?source=govdelivery>

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm328124.htm>

<http://ohsonline.com/articles/2012/11/19/hhs-launches-betobaccofree.aspx?>

DHHS' webpage on e-cigs repeated FDA's false and misleading fear mongering claims.

<http://betobaccofree.hhs.gov/about-tobacco/Electronic-Cigarettes/index.html>

DHHS' webpage repeated misleading claims about tobacco and nicotine.

<http://betobaccofree.hhs.gov/about-tobacco/tobacco-and-nicotine/index.html>

DHHS' webpage on Smoked Tobacco Products falsely listed e-cigarettes as a smoked tobacco product.

<http://betobaccofree.hhs.gov/about-tobacco/Smoked-Tobacco-Products/index.html>

The ACSH appropriately criticized the new DHHS website for demonizing e-cigs

<http://www.acsh.org/new-us-website-wrongly-demonizes-e-cigs/>

At the 2012 SRNT meeting, the keynote presentation by DHHS Assistant Secretary Howard Koh deceptively entitled "Ending the Tobacco Epidemic: A Federal Plan" (even though smoking causes 99% of tobacco attributable morbidity and mortality) to further promote abstinence-only tobacco intolerance and prohibition.

[http://srnt.org/conferences/2012/pdf/2012\\_SRNT\\_Preliminary\\_Program\\_G.pdf](http://srnt.org/conferences/2012/pdf/2012_SRNT_Preliminary_Program_G.pdf)

<http://ntr.oxfordjournals.org/content/14/9/1006.extract>

Meanwhile, a study found a 40% decline in mean daily cigarette consumption (from 14.7 to 8.8) among 43 first time e-cigarette users who weren't interested in quitting smoking. But the authors inaccurately claimed tobacco toxicant exposure was NOT lowered, that "e-cigs may provide no public health benefit", and that their findings supported FDA regulation of e-cigarettes.

[http://www.srnt.org/conferences/2012/pdf/2012\\_Abstracts\\_H.pdf](http://www.srnt.org/conferences/2012/pdf/2012_Abstracts_H.pdf) (POS3-107 on page 121)

The 2012 US SG Report misrepresented the rapidly declining record-low youth smoking rates, falsely claimed that "tobacco" (instead of "cigarette smoking") is leading cause of preventable death, criticized the tobacco industry, and hypocritically cited smoking among 12th graders while failing to recommend banning cigarette sales to 12th graders.



<http://www.hhs.gov/news/press/2012pres/03/20120308a.html>  
<http://www.surgeongeneral.gov/library/preventing-youth-tobacco-use/index.html>

In a press release promoting the US SG report, FDA Commissioner Margaret Hamburg falsely claimed "tobacco use" (instead of "cigarette smoking") is the leading cause of preventable death.

<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm295369.htm?source=govdelivery>

Meanwhile, Fagerstrom & Eissenberg called for tobacco product specific research and policy development "Dependence on Tobacco and Nicotine Products: A Case for Product-Specific Assessment".

<http://www.ncbi.nlm.nih.gov/pubmed/22459798>

The previous year Karl Fagerstrom first recommended changing the name of the Fagerstrom Test for Nicotine Dependence to the Fagerstrom Test for Cigarette Dependence (since cigarettes are far more harmful than other tobacco/nicotine products).

<http://ntr.oxfordjournals.org/content/early/2011/10/20/ntr.ntr137.extract>

A 2012 study found that a Fact Sheet on the comparable risks of cigarettes, smokeless tobacco and NRT increased the knowledge and desire to use smokeless tobacco among smokers.

<http://www.harmreductionjournal.com/content/pdf/1477-7517-9-19.pdf>  
<http://www.harmreductionjournal.com/imedia/3427676527443503/suppl.doc>

Brad Rodu highlighted the importance of this study - What a Difference the Truth Makes: Researchers Say Government Needs to Get Smokers Facts about Smokeless Tobacco

<http://rodutobaccotruth.blogspot.com/2012/09/what-difference-truth-makes-researchers.html>

In 2012, FDA Commissioner Margaret Hamburg also falsely claimed that the agency is "working to make sure all Americans, young and old, understand the true dangers of tobacco use", while greatly exaggerating the negligible public health impact of the FSPTCA and the agency's actions to reduce tobacco attributable diseases.

<http://in.reuters.com/article/2012/07/11/column-hamburg-idINL2E8IBBRE20120711>  
<http://www.fda.gov/TobaccoProducts/ResourcesforYou/ucm255658.htm>

Meanwhile, the FDA created a webpage to promote abstinence-only no-tobacco-use.

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm311315.htm?source=govdelivery>

A 2012 Clearstream Air Study found nothing hazardous in exhaled e-cig vapor

<http://www.utahvapers.com/resources/Clearstream-air-lab-results.pdf>  
<http://www.utahvapers.com/clearstream.html>

Another study found that emissions of volatile organic compounds from e-cig vapor are much lower than found in cigarette smoke

<http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0668.2012.00792.x/abstract;jsessionid=33855B65D8E691F5D7D3BE1E9818DFC3.d02t04>

Mike Siegel delineated the findings of this new study at

<http://tobaccoanalysis.blogspot.com/2012/06/new-study-shows-that-emission-of.html>

Another 2012 study found that acute active and passive e-cigarette vapor exposure does not influence complete blood count (CBC) indices in smokers and never smokers, respectively. In contrast, acute active and passive tobacco cigarette smoking increase the secondary proteins of acute inflammatory load white blood cell, lymphocyte and granulocyte counts for at least one hour.

<http://www.sciencedirect.com/science/article/pii/S0278691512005030?v=s5>

Meanwhile, another study found that nicotine improves memory in people with mild cognitive impairment

<http://www.neurology.org/content/78/2/91.short>

Brad Rodu critiqued that study of nicotine's benefits (something DHHS refuses to acknowledge) at: Nicotine Improves Cognitive Performance

<http://rodutobaccotruth.blogspot.com/2012/02/nicotine-improves-cognitive-performance.html>

A study of 371 patients found that NRT and varenicline had just a 7% success rate (i.e. 93% failure rate) for smoking cessation, confirming the need for more effective smokefree alternatives for cigarette smokers.

<http://www.ncbi.nlm.nih.gov/pubmed/22726377>

Another study also found that FDA approved NRT products aren't as effective for smoking cessation as touted

<http://ntr.oxfordjournals.org/content/early/2011/04/06/ntr.ntr055.abstract>

A study found that most NRT users in England used the products for smoking reduction, not for smoking cessation

<http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2010.03215.x/abstract>

A study by Simon Chapman criticized health agencies and organizations for claiming drug industry products are only effective ways to quit smoking.

Tar Wars over Smoking Cessation

<http://www.bmj.com/content/343/bmj.d5008.full?keytype=ref&ijkey=7GXlbpq39uvfd1Q>

Ross MacKenzie similarly wrote "Smokers don't need a broken crutch to quit" that critiques varenicline and drug company funding of smoking cessation drug promoters.

<http://theconversation.edu.au/smokers-dont-need-a-broken-crutch-to-quit-4216>

Another study confirmed past research findings that NRT products are ineffective for smoking cessation and nicotine cessation, with coauthor Greg Connolly calls for FDA to ban NRT and to ban cigarettes (by mandating sharp declines in nicotine levels)

<http://www.hsph.harvard.edu/news/press-releases/2011-releases/nicotine-replacement-therapies.html>

<http://www.nytimes.com/2012/01/10/health/study-finds-nicotine-gum-and-patches-dont-help-smokers-quit.html>

<http://www.guardian.co.uk/science/2012/jan/09/nicotine-replacement-quitting-smoking?INTCMP=SRCH>

<http://healthland.time.com/2012/01/09/nicotine-gum-and-patch-dont-help-smokers-quit-long-term/>

<http://www.businessweek.com/news/2012-01-10/nicotine-patches-gums-fail-to-help-smokers-quit-for-good.html>

[http://www.cbsnews.com/8301-504763\\_162-57355421-10391704/nicotine-patches-gum-wont-help-smokers-quit-for-good-study/](http://www.cbsnews.com/8301-504763_162-57355421-10391704/nicotine-patches-gum-wont-help-smokers-quit-for-good-study/)

<http://www.dailymail.co.uk/health/article-2084237/Nicotine-patches-branded-waste-time-study-finds-dont-help-smokers-quit-long-term.html>

In response, GSK defended NRT's 95+% failure rate, while falsely claiming that smoking cessation requires quitting all tobacco/nicotine: "GlaxoSmithKline Consumer Healthcare understands successfully quitting smoking requires breaking the body's addiction to nicotine."

<http://www.hsph.harvard.edu/news/press-releases/2011-releases/nicotine-replacement-therapies.html>

Another study found that drug industry NRT products haven't enhanced, but rather have hindered, smoking cessation efforts.

<http://www.annualreviews.org/doi/abs/10.1146/annurev-publhealth-031811-124624>

RTI's Douglas Kamerow defended NRT's abysmal smoking cessation failure rate, while falsely claiming "tobacco use" instead of "cigarette smoking" is leading cause of death in US, while failing to report RTI's many financial conflicts of interest.

<http://www.bmj.com/content/344/bmj.e450>

In response, Mike Siegel criticized Douglas Kamerow's defense of NRT for failing to disclose conflicts of interest, exposed RTI's receipt of funds from 13 drug companies.

<http://tobaccoanalysis.blogspot.com/2012/01/chief-scientist-of-rti-attacks-alpert.html>

Another study found continued use of NRT patch after/during relapse to cigarettes improves cessation rate to just 9.6% at 10th week.

<http://onlinelibrary.wiley.com:80/doi/10.1111/j.1360-0443.2012.03801.x/abstract>

<http://uk.reuters.com/article/2012/02/09/us-nicotine-patch-idUKTRE8182DD20120209>

Another study found NRT is not very effective for smoking cessation, and may reduce smoking cessation rates.

<http://tobaccocontrol.bmj.com/content/21/2/110.full.pdf+html>

A study found that nicotine patches were ineffective for smoking cessation among pregnant women

<http://www.medpagetoday.com/PrimaryCare/Smoking/31421>

<http://www.nejm.org/doi/full/10.1056/NEJMoa1109582>

And yet another study found that FDA approved "tobacco dependence" drug treatments are ineffective for 90% of smokers.

<http://www.healthcanal.com/genetics-birth-defects/44008-gene-influences-success-of-nicotine-replacement-therapy-in-smokers.html>

Meanwhile, a study found that the NHS helpline (in the UK) and government subsidized nicotine patches don't help smokers quit

[http://www.bmj.com/highwire/filestream/575382/field\\_highwire\\_article\\_pdf/0.pdf](http://www.bmj.com/highwire/filestream/575382/field_highwire_article_pdf/0.pdf)

<http://www.dailymail.co.uk/health/article-2119094/Giving-smokers-free-nicotine-patches-intensive-NHS-helpline-counselling-does-help-quit.html?ito=feeds-newsxml>  
<http://health.usnews.com/health-news/news/articles/2012/03/23/helpline-free-nicotine-patches-dont-help-smokers-quit-study>

In sharp contrast, a study by Italian e-cig researchers highlighted the benefits for smokers who switch to e-cigs, and concluded:

"Electronic cigarettes may prove to be the most promising solution for the reduction in the use of traditional cigarettes and their associated risk, with the positive features of these products clearly outweighing the negative features."

<http://www.ncbi.nlm.nih.gov/pubmed/22283580>

Another study found a 40% decline in mean daily cigarette consumption (from 14.7 to 8.8) among 43 first time e-cigarette users who weren't interested in quitting smoking. But the authors inaccurately claimed tobacco toxicant exposure was NOT lowered, that "e-cigs may provide no public health benefit", and that their findings support FDA regulation of e-cigarettes.

[http://www.srnt.org/conferences/2012/pdf/2012\\_Abstracts\\_H.pdf](http://www.srnt.org/conferences/2012/pdf/2012_Abstracts_H.pdf) (POS3-107 on page 121)

A study of 16 different brands found that e-cigs deliver less nicotine per inhale than cigarettes via machine testing, found effective nicotine vaporization, and differences among brands.

<http://ntr.oxfordjournals.org/content/early/2012/04/21/ntr.nts103.abstract?sid=57d8a432-1091-4f8e-ac41-aa7e1131b1ca>

<http://www.ncbi.nlm.nih.gov/pubmed/22529223>

ACSH released a new publication "Helping Smokers Quit: The Science Behind Tobacco Harm Reduction" that delineated the health benefits of smoker switching to noncombustible tobacco/nicotine products.

[http://acsh.org/docLib/20120214\\_HelpingSmokersQuitFINAL.pdf](http://acsh.org/docLib/20120214_HelpingSmokersQuitFINAL.pdf)

A survey conducted in 2010 found 5.1% (12.1 million) adults in US had ever tried snus, 1.8% (4.2 million) tried e-cigarettes, and .6% (1.4 million) tried dissolvable tobacco products. Smokers were far more likely than never smokers to indicate use of these far less hazardous smokefree alternatives to cigarettes.

<http://www.hindawi.com:80/journals/jeph/2012/989474/>

<http://www.hindawi.com/journals/jeph/2012/989474/tab2/>

A Legacy Foundation survey (conducted January-April, 2010) found that 3.4% of American adults (about 8 million) reported ever using an e-cigarette, that cigarette smokers were 22.8 times more likely to have used an e-cigarette than never smokers (11.4% vs .5%), that 2% of former smokers had used an e-cigarette (including some/many/most who may have quit smoking with e-cigarettes) and that e-cigarette users self-reported better health status. The online survey also found that 1.22% (about 2.9 million) of respondents indicated using an e-cigarette in the past 30 days, including 4.1% of cigarette smokers, .5% of former smokers and .3% of never smokers. The survey also found that 40% of American adults had heard of e-cigarettes (including 57% of smokers

and 32.5% of never smokers), and that 70% (of those who had heard of e-cigarettes) believed them to be less harmful than cigarettes.

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2011.300526>

But Legacy survey authors again called for FDA to ban e-cigarette sales until the agency approves them for "safety and effectiveness" required for drugs and drug devices, which Judge Leon and the DC Court of Appeals struck down as unlawful.

Meanwhile, Legacy's press release omitted and misrepresented its key survey findings about e-cigs, repeated false and misleading fear mongering claims, and urged smokers to not use e-cigarettes, and recommended FDA ban e-cigs.

<http://www.legacyforhealth.org/5118.aspx>

Mike Siegel critiqued the Legacy e-cig survey and press release: New Article Calls for Removal of Electronic Cigarettes from Market With No Data to Substantiate Benefits of their Removal and Without Disclosure of Conflict of Interest of Study Author

<http://tobaccoanalysis.blogspot.com/2012/07/new-article-calls-for-removal-of.html>

ACSH similarly critiqued the study "Legacy Foundation's results on e-cig: It's working, so don't use it"

[http://www.acsh.org/factsfears/newsID.3798/news\\_detail.asp](http://www.acsh.org/factsfears/newsID.3798/news_detail.asp)

Another study found that one third of Czech smokers had tried using e-cigarettes; Centre for Tobacco Addiction's Eva Kvalikova said smokefree alternatives pose "almost zero risk", said banning indoor use "doesn't make sense".

<http://www.radio.cz/en/section/curraffrs/the-e-cigarette-phenomenon-study-finds-a-third-of-czech-smokers-have-tried-the-new-safe-cigarettes>

<http://onlinelibrary.wiley.com/doi/10.1111/j.1360-0443.2012.03916.x/full>

Meanwhile, a 2012 study found that nicotine may slow down Parkinson's disease

[http://www.shanghaidaily.com/article/article\\_xinhua.asp?id=90234](http://www.shanghaidaily.com/article/article_xinhua.asp?id=90234)

[http://www.prd-journal.com/article/S1353-8020\(12\)00290-8/abstract](http://www.prd-journal.com/article/S1353-8020(12)00290-8/abstract)

And yet another study revealed schizophrenic smokers can benefit from smokefree harm reduction alternatives.

[http://www.schres-journal.com/article/S0920-9964\(12\)00177-6/abstract](http://www.schres-journal.com/article/S0920-9964(12)00177-6/abstract)

<http://www.clinicalpsychiatrynews.com/news/adult-psychiatry/single-article/watch-for-heavy-smoking-in-schizophrenia/8977c8d47d57bc9e5ff46ba73f139d6e.html>

There have been several dozen reports worldwide (primarily in 2011 and 2012) that e-cig batteries have caught fire or exploded, with most involving home-made e-cig devices that weren't properly vented, or due to consumers using batteries or rechargers that weren't made for that e-cig model. There have been far more reports of battery fires and explosions in laptop computers, cigarette lighters, cell phones, and even flashlights.

A 2006 CPSC Cigarette Lighters Status Report documented dozens of explosions, hundreds of fires, and thousands of emergency room treated injuries caused by cigarette lighters.

<http://www.cpsc.gov/library/foia/foia07/brief/cigarettelighters.pdf>

Mike Siegel has pointed out the compared risks of injuries caused by e-cigs versus cigarette lighters at: “Defective Electronic Cigarette Battery Injures One Person; Defective but Legal Cigarette Lighters Injure 1000 Per Year”

<http://tobaccoanalysis.blogspot.com/2012/05/defective-electronic-cigarette-battery.html>

A man’s death was reportedly caused by an exploding cigarette lighter

<http://www.digtriad.com/news/national/article/227128/175/Exploding-Cigarette-Lighter-Could-Be-Cause-Of-Mans-Death->

Considering the sharply increasing number of e-cigs on the market during the past several years, and the reduced frequency of reported exploding e-cig batteries, the risk of an e-cig battery exploding is well below one in a million, and rapidly declining.

But if the FDA issues a Final Rule for the proposed Deeming Regulation, and if the FDA strictly regulates (i.e. bans) “components” of e-cigs, the number of exploding e-cigs and e-cig batteries will sharply increase as more consumers will make home-made devices with no quality control.

A prospective clinical trial presented at SRNT-Europe conference found the use of 7.2mg, 4.8mg, and No Nicotine e-cigarettes resulted in smoking abstinence for 11%, 17% and 4% respectively after three months (among cigarette smokers who didn't even want to quit), and for 13%, 9% and 4% respectively after twelve months. A 50% reduction in cigarette consumption occurred for an additional 21%, 16% and 19% of participants after three months, and for 9%, 8% and 10% after twelve months. These results indicate that e-cigarettes are far superior to NRT products for smoking cessation and for reducing cigarette consumption.

<http://www.srntheurope.org/assets/Abstract-Book-Final.pdf> (See P54 on Page 87)

Another study found e-cigs the most promising products for inhalation of nicotine

<http://ntr.oxfordjournals.org/content/14/10/1127.abstract>

Meanwhile, a survey of 1,000 UK smokers finds 47% don't expect to quit in next year, more than half were interested in trying e-cigarettes, 18% had used e-cigarette, and 11% regularly used e-cigs.

<http://www.sourcewire.com/news/74438/majority-of-smokers-are-ignoring-stoptober-says-survey>

A survey of 179 Polish e-cig users found 66% of users no longer smoked any cigarettes and 25% smoked fewer than 5 cigarettes per day, 41% primarily used e-cigs to quit smoking, 41% primarily used e-cigs to reduce harm associated with smoking, and 82% believed e-cigs to be less hazardous than cigarette smoking.

<http://onlinelibrary.wiley.com:80/doi/10.1111/j.1465-3362.2012.00512.x/abstract>

2010/2011 survey data of 20-28 year old Midwestern adults found 70% were aware of e-cigarettes, 7% had ever used an e-cigarette, 1.2% had used in past 30 days. Among those aware of e-cigarettes, 45% agreed that e-cigarettes can help people quit smoking, 53%

agreed that e-cigarettes are less hazardous than cigarettes.

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2012.300947>

Meanwhile, after misrepresenting the risks of e-cigarettes and urging the filing of adverse event reports since 2009, the FDA issued a misleading report on adverse event reports for e-cigs to further confuse, scare and push FDA's unwarranted deeming regulation.

<http://www.e-cigarette-forum.com/forum/media-general-news/321820-fda-tobacco-program-office-issues-misleading-report-adverse-events.html>

<http://ntr.oxfordjournals.org/content/early/2012/07/11/ntr.nts145.extract>

At the 2012 European Society of Cardiology conference, Dr. Konstantinos Farsalinos cited his research in a presentation entitled: Electronic cigarettes do not damage the heart

<http://www.trust.org/alertnet/news/greek-study-finds-e-cigarettes-no-threat-to-heart/>

<http://www.businessweek.com/news/2012-08-25/e-cigarettes-pose-no-risk-of-heart-disease-study-finds>

<http://www.youtube.com/watch?v=poOP9skjaxM> (5/17/12 interview/presentation by Dr.

Konstantinos Farsalinos)

The VPLive Vape Team replayed Dr. Konstantinos Farsalinos' e-cigarette heart study presentation at European Society of Cardiology, and interviewed him at

[http://www.youtube.com/watch?feature=player\\_embedded&v=e2rqYp-yPPA](http://www.youtube.com/watch?feature=player_embedded&v=e2rqYp-yPPA) (begins at 24 minutes)

An abstract presented at 2012 European Respiratory Society (ERS) conference confirmed previous study findings that e-cigarettes slightly reduce airway resistance for ten minutes.

[https://www.ersnetsecure.org/public/prg\\_congres.abstract?ww\\_i\\_presentation=59718](https://www.ersnetsecure.org/public/prg_congres.abstract?ww_i_presentation=59718)

But abstract author Christina Gratiou, Chair of the ERS Tobacco Control Committee, issued a press release misrepresenting her own abstract's findings by claiming: "Experts warn that e-cigarettes can damage the lungs"

[http://www.eurekalert.org/pub\\_releases/2012-09/elf-ewt083112.php](http://www.eurekalert.org/pub_releases/2012-09/elf-ewt083112.php)

Mike Siegel revealed this discrepancy and the Gratiou's conflicts of interest: Electronic Cigarette Opponents Fail to Disclose Relevant Conflicts of Interest to the Public

<http://tobaccoanalysis.blogspot.com/2012/08/electronic-cigarette-opponents-fail-to.html>

and at: More Conflicts of Interest Being Hid by Electronic Cigarette Opponents: Funding of their Organization by Big Pharma Not Disclosed

<http://tobaccoanalysis.blogspot.com/2012/08/more-conflicts-of-interest-being-hid-by.html>

Another 2012 study found that e-cig vapor contains exponentially less particulate matter (PM) than secondhand cigarette smoke

<http://www.ncbi.nlm.nih.gov/pubmed/22913171#>

And another e-cig study found no risk from environmental vapor exposure when comparing the effects of e-cigarette vapor and cigarette smoke on indoor air quality

<http://informahealthcare.com/doi/abs/10.3109/08958378.2012.724728>

<http://www.prnewswire.com/news-releases/new-e-cigarette-study-shows-no-risk-from-environmental-vapor-exposure-172645481.html>

Mike Siegel evaluated and commented on this new study:

New Study Provides Much More Evidence that Vaping is Much Safer than Smoking

<http://tobaccoanalysis.blogspot.com/2012/10/new-study-provides-more-evidence-that.html>

As did ACSH: Vape away -- e-cigs produce far fewer toxins than cigarette smoke  
<http://www.acsh.org/vape-away-e-cigs-produce-far-fewer-toxins-than-cigarette-smoke/>

Tobacco Control also published a 2012 study confirming e-cigarettes contain nonhazardous levels of propylene glycol, glyceryl and nicotine. Unfortunately, the study's authors misrepresented and contradicted their own findings, existing evidence and public health goals by concluding: "While the current attention on traditional tobacco products is important, it is also necessary to focus on novelty products like ENDS, which may encourage maintenance of tobacco usage behaviour and slow down the impact of national smoking control programmes."

<http://tobaccocontrol.bmj.com/content/early/2012/11/30/tobaccocontrol-2012-050483.abstract>

At the MTF press conference in 2012 exposing record low youth cigarette smoking rates in US, DHHS' Howard Koh falsely claimed "tobacco" is leading cause of preventable death (its cigarette smoking), accused (but provided no evidence indicating) tobacco companies marketed candy flavored cigars and smokeless tobacco to children, while exaggerating the disease risks of Other Tobacco Products (OTP).

<http://www.c-span.org/Events/Survey-of-Teen-Drug-Use-Released/10737436717/> (beginning at 10 minutes into webcast)

During 2011 and 2012, it was revealed that CDC was unlawfully funding many state and local health agencies to lobby for changes in tobacco laws (including e-cig usage and sales bans).

Federal stimulus funds were used by King County/Seattle to misrepresent the health risks of smokefree tobacco/nicotine products and to lobby for banning outdoor usage of ALL tobacco products (including e-cigarettes) at ALL parks, beaches, aquatic areas, walking and hiking trails, parking areas, recreational sites (pages 36-39)

<http://www.ci.kirkland.wa.us/Assets/Parks/Parks+PDFs/ParkBoard/0+KIRKLAND+PAR K+BOARD+PACKET+Mar+9+11+web2.pdf>

Jeff Stier revealed this illegal activity in a National Review article "The truth about The War on E-Cigarettes: The CDC should stop funding harmful campaigns" at

<http://www.nationalreview.com:80/articles/277484/war-e-cigarettes-jeff-stier>

CDC gives federal funds to groups that lobby for laws not based on health science

<http://thehill.com/blogs/congress-blog/healthcare/153625-obamacares-big-bucks>

Jeff Stier on federal health funds spent lobbying for e-cig usage bans

[http://www.talk1200.com/cc-common/podcast/single\\_page.html?podcast=interviews&selected\\_podcast=060611jeffStierWEB.mp3](http://www.talk1200.com/cc-common/podcast/single_page.html?podcast=interviews&selected_podcast=060611jeffStierWEB.mp3)

Jeff Stier: The CDC is subsidizing left-wing activist groups

<http://dailycaller.com/2011/06/01/the-cdc-is-subsidizing-left-wing-activist-groups/>



Jeff Stier & Gregory Conley - The War on E-Cigarettes: The CDC should stop funding harmful campaigns

<http://www.nationalreview.com/articles/277484/war-e-cigarettes-jeff-stier>

DHHS Inspector General: Health grants could have illegally funded lobbying

<http://thehill.com/blogs/healthwatch/lobbying/237015-hhs-inspector-general-says-grants-may-have-illegally-funded-lobbying>

The US House Energy and Commerce Committee sent a letter to DHHS Secretary Sebelius investigating unlawful spending of CDC CPPW and CTG grants for lobbying purposes.

[http://www.cspnet.com/sites/default/files/Energy%20and%20Commerce%20Committee%20Letter%20to%20Secretary%20Sebelius%20\(August%2013,%202012\).pdf](http://www.cspnet.com/sites/default/files/Energy%20and%20Commerce%20Committee%20Letter%20to%20Secretary%20Sebelius%20(August%2013,%202012).pdf)

"No part of the money appropriated by any enactment of Congress shall, in the absence of express authorization by Congress, be used directly or indirectly to pay for any personal service, advertisement, telegram, telephone, letter, printed or written matter, or other device, intended or designed to influence in any manner a Member of Congress, a jurisdiction, or an official of any government, to favor, adopt, or oppose, by vote or otherwise, any legislation, law, ratifications, policy, or appropriation, whether before or after the introduction of any bill, measure, or resolution proposing such legislation, law ratifications, policy or appropriation." (18 U.S.C. Section 1919)

Congress Raises Serious Questions About Use of Federal Funds for Lobbying

<http://www.cspnet.com/news/tobacco/articles/congress-raises-serious-questions-about-use-federal-funds-lobbying>

Stimulus Grants Used to Lobby for Tobacco Taxes? NATO calls for an explanation, and for practice to stop

<http://www.cspnet.com/news/tobacco/articles/stimulus-grants-used-lobby-tobacco-taxes>

George Will: Why government needs a diet

[http://www.washingtonpost.com:80/opinions/george-will-why-government-needs-a-diet/2012/08/22/9704da34-ebcc-11e1-9ddc-340d5efb1e9c\\_story.html](http://www.washingtonpost.com:80/opinions/george-will-why-government-needs-a-diet/2012/08/22/9704da34-ebcc-11e1-9ddc-340d5efb1e9c_story.html)

The Hill - HHS Inspector General: Health grants could have Illegally funded lobbying

<http://thehill.com/blogs/healthwatch/lobbying/237015-hhs-inspector-general-says-grants-may-have-illegally-funded-lobbying>

Jeff Stier - Oversight of CDC Grants Is Necessary

<http://www.jeffstier.org/12059/oversight-of-cdc-grants-is-necessary>

Nanny of the Month: CDC lobbying grants

<http://reason.com/reasontv/2012/08/31/nanny-of-the-month-august-2012-stimulus>

Jeff Stier exposes Obama CDC stimulus grants funding state/local lobbying campaigns (including e-cigarette sales/use bans, dissolvable sales/use bans, indoor/outdoor tobacco usage bans) on 8/1 Late Nights with Jim Bohannon

<http://www.jimbotalk.net/programhighlights> (click on August 1)

Jeff Stier: Oversight of CDC grants is necessary

<http://www.jeffstier.org:80/12059/oversight-of-cdc-grants-is-necessary>

A review of CDC Community Transformation Grants (CTG) States and Communities <http://www.cdc.gov/communitytransformation/funds/index.htm>  
<http://www.cdc.gov/communitytransformation/funds/programs.htm>  
reveals that many CDC CPPW grants appear to have been spent since 2010 to lobby for tobacco tax increases, dissolvable and flavored tobacco sales bans, e-cigarette use and smoking bans in workplaces and public housing, tobacco and e-cigarette use bans on government property. Below are excerpts from some DHHS grants and quarterly reports.

Mississippi State Department of Health

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=88831&qtr=2012Q2>

“The Mississippi State Department of Health (MSDH) Office of Tobacco Control (OTC) will utilize funding to engage in a two-year campaign that will result in the passage and implementation of a comprehensive, statewide smoke-free air law.”

North Carolina Department of Health and Human Services

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=98785&qtr=2012Q1>

“North Carolina, with the leadership of the Tobacco Prevention and Control Branch (TPCB) in NC DPH, will build support for comprehensive statewide policies for smoke-free workplaces and public places by January 2012. TPCB will serve as a resource for both seasoned and new partners to build public, media, and legislative support for a comprehensive smoke-free law.

In addition, North Carolina will work for successful implementation and evaluation of the new smoke-free restaurant and bars law in North Carolina and will assist local governments that wish to use their expanded authority to create stronger smoke-free ordinances to cover government-owned grounds and public places. New, successful smoke-free laws will build support and momentum for more comprehensive smoke-free legislation.”

Idaho Department of Health and Welfare

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=88763&qtr=2012Q2>

“Project Filter continues to work with the local public health districts to implement smoke-free initiatives in parks, tot-lots and playgrounds.

Project Filter has contracted with the seven local public health districts to work with cities to adopt smoke-free parks.”

University of Kentucky

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=88831&qtr=2012Q2>

“The long-term goal is to develop a best practices framework for disseminating scientific knowledge about the effects of secondhand smoke and smoke-free laws and implementing effective community policy change and maintenance strategies in rural underserved communities.”

New York City Department of Health

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=93025&qtr=2010Q4>

“Vendor is responsible for education and advocacy activities with community members and policy makers to expand smoke free outdoor areas; reduce the number of tobacco retailers; and increase the price of tobacco products.”

King County, Washington

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=90028&qtr=2010Q2>

“Staff have also met with the King County Board of Health Tobacco Policy Committee in May and in June to develop county-wide tobacco policies to be implemented later in 2010. A package of policies will be brought to the Board of Health for a vote in fall of 2010.”

Respiratory Health Association of Metropolitan Chicago

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=91116&qtr=2011Q4>

“We continued to work with officials from the Park District and Chicago Public Schools on pending policy changes, expected to be enacted in spring 2012. Population-based strategies include public education and policies to prohibit vending and restrict tobacco advertising in retail outlets and in the community.”

Jefferson County, Alabama

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=97634&qtr=2011Q4>

“Smoke-free policy presentations given to the Bessemer, Birmingham and Midfield City Councils and the Jefferson County Mayors Association; the City of Midfield adopted a comprehensive smoke-free policy.”

Los Angeles Health Department

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=90812&qtr=2011Q2>

“Implement a coordinated community action plan comprised seven interventions, including multi-faceted public education campaign, and the implementation of a variety of evidence-based interventions at the city and county-level including comprehensive smoke free outdoor air policies, smoke free multi-unit housing policies, point of purchase marketing restrictions, cigarette butt litter free policies, a policy and smoking cessation initiative targeting schools, and smoking cessation initiatives targeting social service agencies.

TRUST had smoke-free outdoor area efforts underway in 10 cities and smoke-free multi-unit housing efforts in 8. The Carson and Hermosa Beach City Councils took first step in adopting a comprehensive outdoor policy. The Huntington Park and Santa Monica City Councils took initial actions towards smoke-free housing policies that include smoke-free units.”

Santa Clara Dept of Health

<http://www.recovery.gov/Transparency/RecoveryData/Pages/RecipientProjectSummary508.aspx?AwardIDSUR=90471&qtr=2012Q2>

“The CPPW Tobacco Prevention and Control Program will utilize media and marketing to counter pro-tobacco influences, establish local tobacco retail licensing requirements, limit tobacco advertising near schools, advocate effectively for increasing the price of tobacco through evidence-based pricing strategies, and build significantly greater capacity for smoking cessation services.

San Jose City Council voted unanimously to adopt smoke-free areas in outdoor dining establishments, service lines, and outdoor common areas of multi-family residences. Impacts > 945,000 residents. ? Sunnyvale City Council adopted ordinance that makes all parks, trails, and other recreation areas smoke-free. Impacts > 140,000. ? Milpitas City Council approved smoke-free parks ban; moves forward with smoke-free worksites discussion. Impacts > 66,000. ? Morgan Hill City Council adopted comprehensive outdoor smoke-free policy with exemptions.”

Meanwhile Mike Siegel revealed: Groups that Opposed Electronic Cigarettes Accepted \$2.8 Million From Pfizer Alone in 2011-2012 (CTFK, ACS, AHA, ALA, AMA, AAP, Legacy, ASH urged FDA to ban e-cigarettes)

<http://tobaccoanalysis.blogspot.com/2012/09/anti-smoking-groups-that-opposed.html>  
[http://www.pfizer.com/responsibility/grants\\_contributions/transparency\\_in\\_grants.jsp](http://www.pfizer.com/responsibility/grants_contributions/transparency_in_grants.jsp)

Mike Siegel also revealed: Groups that urged FDA to ban e-cigarettes received \$1.4 Million from GlaxoSmithKline, in addition to \$2.8 Million from Pfizer, but failed to disclose when calling for FDA to ban products.

<http://tobaccoanalysis.blogspot.com/2012/10/anti-smoking-groups-that-oppose.html>

Mike Siegel also pointed out that, since 2009, Pfizer gave \$2.75 million and GSK gave \$1.35 million to groups that have lobbied to ban e-cigarettes and new smokeless tobacco products, that have made false claims about e-cigarettes and smokeless tobacco products, and that have falsely touted drug industry products as most effective and safest way to quit smoking.

<http://tobaccoanalysis.blogspot.com/2012/11/despite-best-efforts-of-anti-smoking.html>

Washington Post exclusive: As drug industry influence over research grows, so does the potential for bias

[http://www.washingtonpost.com/business/economy/as-drug-industrys-influence-over-research-grows-so-does-the-potential-for-bias/2012/11/24/bb64d596-1264-11e2-be82-c3411b7680a9\\_story.html](http://www.washingtonpost.com/business/economy/as-drug-industrys-influence-over-research-grows-so-does-the-potential-for-bias/2012/11/24/bb64d596-1264-11e2-be82-c3411b7680a9_story.html)

Meanwhile, a study found that reducing daily cigarette consumption significantly reduces smoker's mortality risks.

<http://www.jpost.com:80/Health/Article.aspx?id=293443>  
<http://aje.oxfordjournals.org/content/175/10/1006.abstract>

But CDC OSH Director Tim McAfee falsely claimed that reducing cigarette consumption won't reduce disease risks for smokers.

<http://health.usnews.com/health-news/news/articles/2012/11/08/anti-smoking-progress-stalls-among-us-adults-report>

Smoking fewer cigarettes is only a benefit if it's a step to stopping smoking altogether, McAfee said. "Smoking fewer cigarettes is not a substitute for quitting," he said.

On December 17, 2012, more than a dozen e-cig consumers and supporters testified at a FDA public hearing (on Section 918 of the FSPTCA) about the many benefits of e-cigs, and how FDA approved drugs didn't help them quit smoking

<http://www.fda.gov/Drugs/NewsEvents/ucm324938.htm>

<https://collaboration.fda.gov/p98191651/?launcher=false&fcsContent=true&pbMode=normal>

<https://collaboration.fda.gov/p95861884/?launcher=false&fcsContent=true&pbMode=normal>

<https://collaboration.fda.gov/p36279658/?launcher=false&fcsContent=true&pbMode=normal>

<https://collaboration.fda.gov/p20988129/?launcher=false&fcsContent=true&pbMode=normal>

Agenda: FDA Public Hearing, December 17, 2012 where 15 of the 23 scheduled testifiers were tobacco harm reduction advocates, and 8 are drug industry funded/affiliated NRT promoters

<http://www.fda.gov/downloads/Drugs/NewsEvents/UCM331857.pdf>

Smokefree Pennsylvania / Bill Godshall's testimony to FDA on Section 918

<http://www.e-cigarette-forum.com/forum/legislation-news/354422-fda-hold-public-hearing-dec-17-nrt-regulation-5.html#post8013502>

Carl Phillips' testimony to FDA on Section 918

<http://www.e-cigarette-forum.com/forum/legislation-news/354422-fda-hold-public-hearing-dec-17-nrt-regulation-5.html#post8012707>

CASAA / Elaine Keller's testimony to FDA on Section 918

<http://www.e-cigarette-forum.com/forum/legislation-news/354422-fda-hold-public-hearing-dec-17-nrt-regulation-5.html#post8013541>

Greg Conley's testimony to FDA on Section 918

<http://www.e-cigarette-forum.com/forum/legislation-news/354422-fda-hold-public-hearing-dec-17-nrt-regulation-5.html#post8005516>

Scott Ballin's testimony to FDA on Section 918

<http://www.e-cigarette-forum.com/forum/legislation-news/354422-fda-hold-public-hearing-dec-17-nrt-regulation-6.html#post8020926>

Then Smokefree Pennsylvania submitted to FDA's docket for Section 918 vast quantities of scientific and empirical evidence documenting that e-cigs and other noncombustible tobacco/nicotine products are far less hazardous than cigarettes and have helped many smokers quit smoking and reduce cigarette consumption, and that FDA approved nicotine gums, lozenges and patches have very low success rates for smoking cessation.

<http://www.e-cigarette-forum.com/forum/legislation-news/364397-casaa-call-action-submit-written-comments-sec-918-tobacco-act-6.html#post8403639>

<http://www.e-cigarette-forum.com/forum/legislation-news/364397-casaa-call-action-submit-written-comments-sec-918-tobacco-act-7.html#post8403683> and

<http://www.e-cigarette-forum.com/forum/legislation-news/364397-casaa-call-action-submit-written-comments-sec-918-tobacco-act-7.html#post8403705>

CASAA also submitted additional comments to FDA on Section 918

<http://blog.casaa.org/2013/01/casaa-submits-comments-to-fda.html>

E-cig consumers submitted at least an additional 5,200 comments to the FDA's Docket on Section 918 (accounting for >99% of docket submissions) informing the agency of the benefits of e-cigs, and urging the agency to not ban or unjustifiably regulate the products.

**But the FDA has only made 99 of these comments available to the public.**

<http://www.regulations.gov#!docketDetail;D=FDA-2012-N-1148>

But then in April 2013, the FDA's newly hired CTP director Mitch Zeller sent a Report to Congress on Section 918 of FSPTCA that contradicted and misrepresented the evidence provided to the agency on the health benefits of smokers switching to e-cigarettes or smokefree tobacco products, and on NRT's dismal success rate for smoking and nicotine cessation at the 12/17/12 Section 918 public hearing, in >5,200 public comments submitted to agency's dockets, at a 2/3/11 IOM MRTP meeting, at a 8/25/11 FDA MRTP meeting, at many FDA TPSAC meetings, and in 2012 comments submitted to FDA on its MRTP Draft Guidance.

<http://www.fda.gov/downloads/Drugs/GuidanceComplianceRegulatoryInformation/UCM348930.pdf>

<http://www.fda.gov/Drugs/NewsEvents/ucm324938.htm>

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm259201.htm>

<http://www.e-cigarette-forum.com/forum/legislation-news/159016-iom-committee-scientific-standards-studies-reduced-risk-tobacco-products.html>

In February 2013, more than 25,000 people submitted a Petition to White House to "Prevent the FDA from regulating or banning the sale and use of electronic cigarettes, accessories and associated liquids", but the White House still hasn't responded.

<https://petitions.whitehouse.gov/petition/prevent-fda-regulating-or-banning-sale-and-use-electronic-cigarettes-accessories-and-associated/RQLBYRsd>

After fourteen months, FDA's Mitch Zeller responded our 2013 Petition to White House to "Prevent the FDA from regulating or banning the sale and use of electronic cigarettes, accessories and associated liquids" on the same day the deeming regulation was proposed by falsely claiming "the proposed regulation would not ban them." In fact, the deeming reg would ban ALL e-cig products that FDA doesn't explicitly approve (which would include >99% of the ten thousand plus e-cig products, including all mods and e-liquid).

<https://petitions.whitehouse.gov/petition/prevent-fda-regulating-or-banning-sale-and-use-electronic-cigarettes-accessories-and-associated/RQLBYRsd>

Bill Godshall also presented scientific evidence on e-cigarettes and on FDA Deeming Regulation's disastrous public health ramifications at 4/23/13 FDLI conference

<http://www.e-cigarette-forum.com/forum/legislation-news/409895-godshall-presentation-fda-deeming-regulation-food-drug-law-institute-conference-dc.html>

Brad Rodu delineated the scientific evidence on nicotine at "Misperceiving nicotine health risks"

<http://rodutobaccotruth.blogspot.com/2013/04/misperceiving-nicotine-health-risks.html>

According to another study, Nicotine in Peppers, Other Plants Linked With Lower Parkinson's Risk: Study

[http://www.huffingtonpost.com/2013/05/09/nicotine-peppers-parkinsons-disease-risk\\_n\\_3246499.html?](http://www.huffingtonpost.com/2013/05/09/nicotine-peppers-parkinsons-disease-risk_n_3246499.html?)

<http://onlinelibrary.wiley.com/doi/10.1002/ana.23884/abstract;jsessionid=42A4BACDC638101D0596690ACCBC1B7F.d01t01>  
[http://www.eurekalert.org/pub\\_releases/2013-05/w-cep050713.php](http://www.eurekalert.org/pub_releases/2013-05/w-cep050713.php)

A toxicological review concluded “propylene glycols present a very low risk to human health.”

<http://informahealthcare.com/doi/abs/10.3109/10408444.2013.792328>

A study found the cytotoxicology of e-cig vapor significantly lower than cigarette smoke

<http://informahealthcare.com/doi/abs/10.3109/08958378.2013.793439>

Another study found that e-cigarettes expose consumers to exponentially fewer hazardous contaminants than cigarette smoke

<http://tobaccocontrol.bmj.com/content/early/2013/03/05/tobaccocontrol-2012-050859.abstract>

<http://tobaccoanalysis.blogspot.fi/2013/03/new-study-of-electronic-cigarette-vapor.html>

<http://www.acsh.org/new-data-on-safety-of-e-cigarettes/>

A study presented to the European Society of Cardiology found e-cig use has no immediate adverse effects on coronary circulation (blood and oxygen supply to the heart). Study found significant elevations in HbCO and CVRI and decrease in CFVR after smoking two cigarettes, while no difference was found for those parameters after electronic cigarette use by smokers and ex-smokers.

<http://spo.escardio.org/SessionDetails.aspx?eevtid=60&sessId=11188&subSessId=0#.UiYJgdKOTQ1>

<http://ecigarette-research.com/web/index.php/research/127-no-adverse-effects>

[http://www.youtube.com/watch?v=\\_ztrGafEg4](http://www.youtube.com/watch?v=_ztrGafEg4)

<http://www.theheart.org/article/1575989.do>

Another study found that regular use of e-cigs by nonsmoking youth is extremely low. The survey found just 0.1% in 2/2010, 0.3% in 10/2010, and 0.4% in 6/2011 of nonsmoking high school students had used an e-cig in past-30-days, consistent with 0.5% found in the 2011 NTYS survey that CDC’s Tom Frieden misrepresented to confuse, scare and lobby for unwarranted and counterproductive FDA Deeming Regulation.

<http://tobaccoanalysis.blogspot.com/2013/09/new-study-shows-that-regular-use-of.html>

<http://www.sciencedirect.com/science/article/pii/S0306460313002736>

Debunking more than a century of false claims about nicotine toxicity, another study found evidence indicating that more than 500mg of nicotine is required to kill an adult, (in sharp contrast to the 60mg as has been repeatedly claimed by public health agencies and others)

“How much nicotine kills a human? Tracing back the generally accepted lethal dose to dubious self-experiments in the nineteenth century”

<http://link.springer.com/article/10.1007%2Fs00204-013-1127-0/fulltext.html>

Meanwhile, a study by e-cig opponents concluded: “from our review of the literature and bearing in mind the long experience with theatrical mists, the short-term toxicity can be considered to be very low - except for some individuals with reactive airways - and the long-term toxicity depends on the additives and contaminants in PG [propylene glycol] and/or glycerol.”

<http://www.karger.com/Article/FullText/353253>

Another study found nicotine, propylene glycol and most flavorings used in e-cigs are nontoxic to cells, just one of 20 tested flavorings found marginally cytotoxic (but far less than cigarette smoke).

<http://www.mdpi.com/1660-4601/10/10/5146>

<http://www.ecigarette-research.com/web/index.php/research/135-evaluation-of-the-cytotoxic#comment-623>

A pre clinical study of inhaled propylene glycol found no adverse respiratory effects.

<http://www.ncbi.nlm.nih.gov/pubmed/18158714>

<http://tobaccoanalysis.blogspot.com/2013/10/pre-clinical-study-of-inhaled-propylene.html>

Another study found exhaled e-cig vapor contains nonhazardous trace levels of nicotine (averaging 2.5  $\mu\text{g}/\text{m}^3$ ) and none of the many toxicants in 2<sup>nd</sup> hand smoke.

<http://ntr.oxfordjournals.org/content/early/2013/12/10/ntr.ntt203.abstract.html>

A study found that in contrast to cigarette smoking, e-cig use not associated with elastic properties of ascending aorta.

<http://www.ecigarette-research.com/EUROECHO2013-ecigs.pdf>

Another study found asthmatic smokers who switched to e-cigs (including exclusive vapers and dual use vapers who reduced cigarette consumption) had significant improvements in spirometry data, asthma control and airway hyper-responsiveness (AHR).

<http://www.mdpi.com/1660-4601/11/5/4965>

Konstantinos Farsalinos: First study to demonstrate improvements in smoking asthma patients after switching to e-cigarette use

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/163-ecigs-asthma>

Mike Siegel: New study shows improvement in asthma among smokers who switch to electronic cigarettes, including dual users

<http://tobaccoanalysis.blogspot.com/2014/05/new-study-shows-improvement-in-asthma.html>

Konstantinos Farsalinos: Effects of e-cigarette use on exhaled nitric oxide

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/167-no-ecigs>

Mike Siegel: CDC Study Shows that Electronic Cigarette Use is Growing Among Smokers and Helping Some Smokers Quit, But Without any Increasing Appeal to Nonsmokers

[http://tobaccoanalysis.blogspot.com/2013/03/cdc-study-shows-that-electronic.html#disqus\\_thread](http://tobaccoanalysis.blogspot.com/2013/03/cdc-study-shows-that-electronic.html#disqus_thread)

Study of schizophrenic smokers (who didn't want to quit) found that 14% quit smoking and 50% cut cigarette consumption in half fifty two weeks after trying e-cigs.

<http://www.mdpi.com/1660-4601/10/2/446>

Another study documented the effectiveness of e-cigs for smoking cessation among 1,000 ex-smokers



<http://onlinelibrary.wiley.com/doi/10.1111/add.12150/abstract>  
<http://tobaccoanalysis.blogspot.com/2013/04/new-study-documents-effectiveness-of.html>  
<http://www.reuters.com/article/2013/04/04/us-e-cigarettes-tobacco-idUSBRE93313B20130404>

Electronic cigarette: a possible substitute for cigarette dependence  
(Comprehensive review of research on e-cigarettes that found many benefits and negligible risks of e-cigs)

<http://archest.fsm.it/pne/pdf/79/01/pne79-1-04-caponnetto-polosa.pdf>

A clinical trial found e-cigs more effective for smoking cessation and sharply reducing cigarette consumption among smokers who don't want to quit than NRT has been for smokers who want to quit. After being given e-cigs for 12 weeks, the study found 11% and 13% cigarette abstinence rate among group given 7.2mg nicotine e-cigs after week-12 and week-52 respectively, and that 22.3% and 10.3% of participants who didn't quit smoking (including group given no nicotine e-cigs) reduced daily cigarette consumption by at least 50% after weeks 12 and 52 respectively.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0066317>

<http://www.plosone.org/article/fetchObject.action?uri=info%3Adoi%2F10.1371%2Fjournal.pone.0066317&representation=PDF>

In Italy, E-Cigarettes Helped Smokers Quit Nicotine Entirely, Even When They Didn't Want To

<http://www.medicaldaily.com/articles/16822/20130624/electronic-cigarettes-quit-smoking-nicotine-italy-study.htm>

A 2010-2012 survey found 13% of smokers in Hawaii used e-cigs to quit, that many of these e-cig users had already unsuccessfully used FDA approved drugs to try quitting (i.e. 45% nicotine patch, 44% gum, 13% varenicline/Chantix, 12% bupropion), and that e-cig users were far more likely than other smokers to have previously tried quitting with nicotine gum (3.7 times), patch (2.5 times), Chantix (2.9 times), bupropion (2.3 times). But authors absurdly conclude (based upon no evidence presented in study).

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2013.301453>

<http://www.medicalnewstoday.com/releases/263500.php>

A Czech study of 1,738 cigarette smokers finds that half have used an e-cig at least once, 9% reported regular use of e-cigs, and 7% reported daily use of e-cigs. Among smokers who reported regular use of e-cigs, 60% reported reduced cigarette consumption.

<http://journal.publications.chestnet.org/article.aspx?articleid=1714565>

A study of smokers (who didn't want to quit smoking) found that (after 24 months) 12.5% quit smoking with e-cigs, and another 27.5% reduced cigarette consumption from a median of 24 cigs/day to just 4 cigs/day

<http://link.springer.com/article/10.1007/s11739-013-0977-z>

A Gallup Poll found 48% of former smokers in US reported quitting "cold turkey", 5% with nicotine patch, 3% with e-cigs, 2% with prescription drugs, 1% with nicotine gum.

<http://www.gallup.com/poll/163763/smokers-quit-tried-multiple-times.aspx?>

[http://www.huffingtonpost.com/2013/08/04/quit-smoking-cigarettes\\_n\\_3684381.html](http://www.huffingtonpost.com/2013/08/04/quit-smoking-cigarettes_n_3684381.html)

NJOY says soon-to-be-published study found that among 25 smokers not interested in quitting who were given NJOY Kings, 89% reduced cigarette consumption by an average of 39% after one week, 32% reduced consumption by 50% or more, 16% quit smoking.  
<http://www.businesswire.com/news/home/20130812005267/en/Pilot-Study-Finds-NJOY-E-Cigarette-Leads-Short-Term>

A study of 111 smokers who quit smoking by switching to e-cigs found that 20% quit smoking on first day of e-cig use, 42% quit smoking during first month of e-cig use, 74% began using e-cigs containing more than 15mg/ml of nicotine, and 65% subsequently used lower nicotine e-cigs. Also among participants, 82% reported improved olfactory and gustatory senses after beginning e-cigarette use, 77% reported improved exercise capacity and 59% reported less morning cough, while 71% reported weight gain.  
<http://www.la-press.com/evaluating-nicotine-levels-selection-and-patterns-of-electronic-cigare-article-a3858>

A randomized controlled trial of 673 smokers wanting to quit finds smoking cessation rate of 23.2% after 1 month, 13.1% after 3 months and 7.3% after 6 months for users of old 16mg/ml nicotine e-cigs (in a country where e-cigs are banned and demonized) compared to 16.9%, 9.2% and 5.8% respectively for 21mg nicotine patch users.  
[http://download.thelancet.com/flatcontentassets/pdfs/PIIS0140-6736\(13\)61842-5.pdf](http://download.thelancet.com/flatcontentassets/pdfs/PIIS0140-6736(13)61842-5.pdf)  
<http://press.thelancet.com/ecigarettescomment.pdf> (comment by study's coauthor Peter Hajek)

Another comprehensive review of the scientific evidence found many health benefits and negligible risks of e-cigs.

“A fresh look at tobacco harm reduction: the case for the electronic cigarette”  
<http://www.harmreductionjournal.com/content/pdf/1477-7517-10-19.pdf>

A study found smokers (who had never used an e-cig and weren't interested in quitting) reduced their cigarette consumption by 44% and increased readiness and confidence to quit smoking after one week of e-cig experimentation and ad libitum use  
<http://ntr.oxfordjournals.org/content/early/2013/10/22/ntr.ntt138.abstract>

Another study found 22% of daily vapers who also smoked (dual users) quit smoking after one month, and 46% quit smoking after one year. Among daily vapers, 98% of still vaped daily after one month, 89% after one year. Among daily vapers who had quit smoking, 6% relapsed to cigarettes after one month, remaining at 6% after one year.  
<http://www.sciencedirect.com/science/article/pii/S0306460313003304>  
<http://www.healthnewsline.net/can-e-cigs-actually-help-smokers-kick-the-butt/2531086/>  
<http://www.reuters.com/article/2013/11/06/us-ecigarettes-smoking-idUSBRE9A519420131106>  
<http://americanlivewire.com/new-e-cig-study-research-vaping-electronic-cigarette-quit-smoking-cessation-2013-10/>

Brad Rodu: The Scientific Evidence for E-Cigarettes

<http://rodutobaccotruth.blogspot.com/2013/10/the-scientific-evidence-for-e-cigarettes.html>  
<http://blog.heartland.org/2013/11/the-scientific-evidence-for-e-cigarettes/>

A study found that switching from cigarettes to e-cigs for two weeks sharply reduced arterial COHb, venous COHb and cotinine levels (indicating that switching to e-cigs

reduces nicotine consumption by smokers), increased oxygen saturation and perceived improvements in health and lifestyle parameters.

<http://www.samj.org.za/index.php/samj/article/view/6887/5480>

An Internet survey of 4,616 vapers found that 69% initially vaped with “tobacco flavored” e-cigs, but that 69% of vapers who quit smoking (and 58% of vapers who still smoked) switched between different flavored e-cig products on a daily basis, and that 70% of vapers who quit smoking (and 56% of vapers who still smoked) would find vaping less enjoyable if flavorings were limited.

<http://www.mdpi.com/1660-4601/10/12/7272>

Analysis of rodent toxicology studies finds nicotine poses negligible oral or dermal toxic risk for humans, finds e-liquid containing <.025% nicotine not classified by EU CLP, e-liquid with .025%-.05% nicotine classified as Category 4 (the lowest category) for dermal toxicity, e-liquid with .025%-.166% nicotine classified as Category 4 for oral toxicity.

[http://ecita.org.uk/docs/EU\\_Classification\\_of\\_nicotine\\_mixtures\\_acute\\_oral\\_and\\_dermal\\_toxicity.pdf](http://ecita.org.uk/docs/EU_Classification_of_nicotine_mixtures_acute_oral_and_dermal_toxicity.pdf)

In June 2013, Clive Bates posted an analysis of data refuting the widely publicized false claims that e-cigs were a gateway to cigarettes for children at:

We need to talk about the children – the gateway effect examined

<http://www.clivebates.com/?p=1262>

But citing the Obama administration’s tobacco abstinence policy goal, the US Air Force restricted outdoor tobacco use (including smokeless tobacco and e-cigarettes) at bases worldwide to only "designated tobacco areas" that must be at least 50 feet from sidewalks, parking lots and building entrance ways, at least 100 feet from playgrounds, and at least 200 feet from medical facilities.

<http://www.afrc.af.mil/news/story.asp?id=123330815>

<http://www.stripes.com/news/air-force-expanding-smoking-restrictions-1.200832>

Meanwhile, the NCI awarded \$2.3 million to tobacco harm reduction opponents to study young adults use of tobacco harm reduction products

<http://www.sciencedaily.com/releases/2013/02/130207150842.htm>

In September 2013, the US Centers for Disease Control (CDC) issued a MMWR stating that NYTS survey data found “past-30-day” use of an e-cigarette among 6-12 graders increased from 1.1% in 2011 (.8% by current smokers and .3% by nonsmokers) to 2.1% in 2012 (1.6% by current smokers and .5% by nonsmokers). The MMWR also reported that “ever use” of an e-cigarette increased from 3.3% in 2011 to 6.8% in 2012 (including 6.2% by “ever smokers” and .6% by never smokers”). The CDC, however, didn’t release corresponding NYTS data on cigarette smoking necessary for objective data analysis.

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6235a6.htm?s\\_cid=mm6235a6\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6235a6.htm?s_cid=mm6235a6_w)

But despite no evidence that e-cigs have ever created daily dependence in any nonsmoker (youth or adult), despite no evidence e-cig use has preceded cigarette use in any smoker, and despite no evidence of daily e-cig use among teens, an accompanying CDC press release promoting FDA e-cig regulations (issued with a two day embargo to increase news coverage) quoted CDC Director Tom Frieden and CDC Office of Smoking and

Health Director Tim McAfee claiming that e-cigs have addicted many youth and are gateways to cigarette smoking. And despite lots of evidence that e-cigs have helped many smokers quit smoking, CDC's press release misleadingly stated "there is no conclusive scientific evidence that e-cigarettes promote successful long-term quitting."  
<http://www.cdc.gov/media/releases/2013/p0905-ecigarette-use.html>

CDC's Frieden and McAfee repeated these same false fear mongering claims about e-cigs to many different news media, generated lots of news coverage at.  
<http://www.nbcnews.com/video/nightly-news/52932213/#52932213>  
<http://www.cbsnews.com/video/watch/?id=50154438n>  
[http://video.foxnews.com/v/2655099711001/e-cigarette-use-on-the-rise-slippery-slope-for-teens/?playlist\\_id=930909749001](http://video.foxnews.com/v/2655099711001/e-cigarette-use-on-the-rise-slippery-slope-for-teens/?playlist_id=930909749001)  
<http://health.usnews.com/health-news/health-wellness/articles/2013/09/05/e-cigarette-use-doubles-among-young-people>

Many other news outlets reported CDC's fear mongering claims about nicotine and e-cigarettes as if they were factual, with very little or no objective analysis.

[http://www.nytimes.com/2013/09/06/health/e-cigarette-use-doubles-among-students-survey-shows.html?hp&\\_r=0](http://www.nytimes.com/2013/09/06/health/e-cigarette-use-doubles-among-students-survey-shows.html?hp&_r=0)  
<http://online.wsj.com/article/SB10001424127887323893004579057080653155754.html>  
[http://www.washingtonpost.com/national/health-science/e-cigarette-use-among-middle-and-high-school-students-skyrockets-cdc-data-show/2013/09/05/77d1839c-1632-11e3-a2ec-b47e45e6f8ef\\_story.html](http://www.washingtonpost.com/national/health-science/e-cigarette-use-among-middle-and-high-school-students-skyrockets-cdc-data-show/2013/09/05/77d1839c-1632-11e3-a2ec-b47e45e6f8ef_story.html)  
<http://abcnews.go.com/WNT/video/teen-electronic-cigarettes-rise-20173228>  
<http://www.npr.org/blogs/health/2013/09/04/219097263/kids-use-of-electronic-cigarettes-doubles>  
<http://www.latimes.com/science/sciencenow/la-sci-sn-electronic-cigarettes-students-20130905.0,3435331.story>  
<http://uk.reuters.com/article/2013/09/05/us-usa-health-e-cigarettes-idUKBRE9840X820130905>  
<http://nypost.com/2013/09/05/more-children-smoking-electronic-cigarettes-study/>  
<http://www.ktiv.com/story/23350405/study-childrens-use-of-e-cigarettes-increasing>

A week later, Congressman Henry Waxman and other House Democrats repeated CDC's claims about e-cigs in letters to FDA's Margaret Hamburg (urging her to propose the "deeming" regulation and other e-cig regs).

<http://democrats.energycommerce.house.gov/sites/default/files/documents/Hamburg-Adolescent-Use-of-E-Cigarette-2013-9-16.pdf>  
<http://thehill.com/blogs/regwatch/pending-regs/322519-house-dems-call-for-cigar-e-cigarette-regulations>

The following week, 37 State Attorneys General repeated CDC's claims about e-cigs in a letter urging FDA's Margaret Hamburg to propose e-cig regs by the end of October.

<http://naag.org/ags-urge-fda-to-regulate-sale-and-advertising-of-e-cigarettes.php>  
[http://www.naag.org/assets/files/pdf/E%20Cigarette%20Final%20Letter%20\(5\)\(1\).pdf](http://www.naag.org/assets/files/pdf/E%20Cigarette%20Final%20Letter%20(5)(1).pdf)

But the most important findings of 2011/2012 NYTS survey data on tobacco use were that:

- teen smokers were >20 times more likely than nonsmokers to have reported "ever use" and "past-30-day-use" of e-cigs in both 2011 and 2012,
- among high school students, 7.6% of smokers and .36% of nonsmokers reported "past 30 day" e-cig use in 2011, increasing to 15.7% of smokers and .7% of nonsmokers in 2012.
- among high school students, exclusive use of cigarettes plummeted from 14.6% in 2011 to just 11.8% in 2012 (a record low),

- among junior high students, 7% of smokers and .3% of nonsmokers reported “past 30 day” e-cig use in 2011, increasing to 20% of smokers and .4% of nonsmokers in 2012,
- among junior high students, exclusive cigarette smoking plummeted from 4% in 2011 to 2.8% in 2012 (a record low), and thus
- e-cigs are a gateway away from (not towards) cigarette smoking.

CDC's intentional misrepresentation of the scientific evidence and its own survey data was unethical public health malpractice.

Mike Siegel criticized the false and misleading claims by CDC on his blog: New study shows that regular use of electronic cigarettes by nonsmoking youth is extremely low, survey finds just 0.1% in 2/2010, 0.3% in 10/2010, and 0.4% in 6/2011 of nonsmoking high school students had used an e-cig in past-30-days, consistent with 0.5% found in the 2011 NTYS survey that CDC's Tom Frieden misrepresented to confuse, scare and lobby for unwarranted and counterproductive FDA regulation/ban.

<http://tobaccoanalysis.blogspot.com/2013/09/new-study-shows-that-regular-use-of.html>

<http://www.sciencedirect.com/science/article/pii/S0306460313002736>

2012 NSDUH and MTF surveys found that pack/day, half pack/day, daily, past month, past year initiation, and lifetime cigarette smoking rates ALL sharply declined among teens (as teen use of e-cigarettes had increased).

2012 NSDUH: Pack/day smoking rates among daily smokers by age group

<http://www.samhsa.gov/data/NSDUH/2012SummNatFindDetTables/NationalFindings/NSDUHresults2012.htm#fig4.6>

2012 MTF: Half pack/day, daily, past 30 day and lifetime teen cigarette smoking rates

[http://www.monitoringthefuture.org/data/12data/pr12cig\\_1.pdf](http://www.monitoringthefuture.org/data/12data/pr12cig_1.pdf)

2012 NSDUH: Past month cigarette smoking by teens

<http://www.samhsa.gov/data/NSDUH/2012SummNatFindDetTables/NationalFindings/NSDUHresults2012.htm#fig4.4>

2012 NSDUH: Past month use of different tobacco products by teens

<http://www.samhsa.gov/data/NSDUH/2012SummNatFindDetTables/NationalFindings/NSDUHresults2012.htm#fig4.2>

2012 NSDUH: Past year cigarette initiation by teens

<http://www.samhsa.gov/data/NSDUH/2012SummNatFindDetTables/NationalFindings/NSDUHresults2012.htm#fig5.8>

2012 NSDUH: Past year cigarette initiation by age of first use

<http://www.samhsa.gov/data/NSDUH/2012SummNatFindDetTables/NationalFindings/NSDUHresults2012.htm#fig5.7>

Also refuting CDC's claim that e-cigs are gateway to cigarettes for young people, the CDC NHIS found the percentage of 18-24 year olds who have never smoked a cigarette continues to grow.

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6239a5.htm?>

Another study found that e-cigs are not a gateway to cigarettes, as just one of 43 college students who said their first tobacco use was an e-cig went on to report past month cigarette smoking

<http://consumer.healthday.com/cancer-information-5/tobacco-and-kids-health-news-662/e-cigarettes-may-not-be-gateway-to-smoking-study-681597.html>

Another 2012 US survey of 10,000+ found current smokers were 156 times more likely than never smokers (6.3% vs .04%) to report past 30 day e-cig use, once again confirming that e-cigs are a gateway away from (not towards) cigarette smoking. Smokers also were 37 times more likely than long-term former smokers (6.3% vs .17%) to report past 30 day e-cig use, indicating very little use by long-term former smokers. But authors fail to cite these extremely important findings in study abstract.  
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0079332>

An article revealed CDC's NYTS found significant decline in use of "cigarettes or e-cigs" by middle and high school students from 2011 to 2012, which CDC's Tom Frieden falsely claimed found that e-cigs were addicting children and were gateways to cigarettes  
<http://fivethirtyeight.com/features/what-do-we-really-know-about-the-safety-of-e-cigarettes/>

Pepper et al 2011 phone survey of 258 US males ages 11-19 found current smoker were infinitely more likely than nonsmokers to report ever use of an e-cigs (9.5% vs 0%)  
<http://ntr.oxfordjournals.org/content/early/2013/02/20/ntr.ntt013.abstract>

Camenga et al 2/2010 survey of 1,719 NY and CT high school students finds cigarette smokers were 56 times more likely than nonsmokers to report past 30 day e-cig use (7% vs .1%).

Camenga et al 10/2010 survey of 1,702 NY and CT high school students finds cigarette smokers were 56 times more likely than nonsmokers to report past 30 day e-cig use (13.1% vs .3%).

Camenga et al 6/2011 survey of 1,345 NY and CT high school students finds cigarette smokers were 56 times more likely than nonsmokers to report past 30 day e-cig use (14.2% vs .4%)  
<http://www.sciencedirect.com/science/article/pii/S0306460313002736>

Glantz et al 2011 survey of 75,643 Korean teens (grades 7 –12) found ever smokers were 16 times more likely than never smokers to report ever use of an e-cig (30.4% vs 1.9%), while current smokers were 20 times more likely than never smokers to report past 30 day e-cig use (29.5% vs 1.5%).  
<http://www.sciencedirect.com/science/article/pii/S1054139X13007489>

Adult surveys also have found that smokers are far more likely than nonsmokers to have reported e-cig use.

CDC's 2010 HealthStyles mail survey of 4,184 US adults found current smokers were 6 times more likely than never smokers to report ever use of an e-cig (6.8% vs 1.2%).  
<http://www.pubfacts.com/detail/23449421/Awareness-and-ever-use-of-electronic-cigarettes-among-U.S.-adults-2010-2011>

CDC's 2010 HealthStyles web survey of 2,505 US adults found current smokers were 8 times more likely than never smokers to report ever use of an e-cig (9.8% vs 1.3%).  
<http://www.pubfacts.com/detail/23449421/Awareness-and-ever-use-of-electronic-cigarettes-among-U.S.-adults-2010-2011>.

CDC's 2011 HealthStyles web survey of 4,050 US adults found current smokers were 16 times more likely than never smokers to report ever use of an e-cig (21.2% vs 1.3%).  
<http://www.pubfacts.com/detail/23449421/Awareness-and-ever-use-of-electronic-cigarettes-among-U.S.-adults-2010-2011>.

E-cig opponent Robert McMillan's 2010 phone survey of 3,158 US adults found daily smokers were 21 times more likely than never smoker to report ever use of an e-cig (6.2% vs .3%), and non daily smokers were 27 times more likely (8.2% vs .3%). Past month use of e-cigs was reported by fewer than 1% of survey participants.  
<http://www.hindawi.com/journals/jeph/2012/989474/>

Zhu et al 2102 phone survey of 10,041 US adults found current smokers were 156 times more likely than never smokers to report past 30 day e-cig use (6.3% vs .04%).  
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0079332>

In November 2013, CDC released more 2011/2012 NYTS data confirming that:

- teen smokers were >20 times more likely than nonsmokers to report e-cig use,
- <1% of nonsmoking teens reported past use of an e-cig,
- teen cigarette smoking declined from 2011 to 2012 as e-cig use increased,
- e-cigs appear to be gateways away from (not towards) cigarettes for teens, and
- CDC has been lying about e-cigs, nicotine and youth to lobby for FDA ban/regs.

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6245a2.htm?s\\_cid=mm6245a2\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6245a2.htm?s_cid=mm6245a2_e)

In November 2013, CDC issued more press releases that grossly misrepresented NYTS data to lobby for FDA deeming and other regs for e-cigs, cigars, hookah and OTP  
<http://www.cdc.gov/media/releases/2013/p1114-emerging-tobacco-products.html>  
<http://www.cdc.gov/media/releases/2013/p0905-ecigarette-use.html>  
<http://www.cdc.gov/media/releases/2013/p1022-flavored-cigarettes.html>

In response, Brad Rodu posted two analyses delineating CDC's misrepresentations:  
The CDC abuses facts about e-cigarettes (Part 1)  
<http://rodutobaccotruth.blogspot.com/2013/12/the-cdc-abuses-facts-about-e-cigarettes.html>

Brad Rodu: The CDC abuses facts about e-cigarettes (Part II)  
[http://rodutobaccotruth.blogspot.com/2013/12/the-cdc-abuses-facts-about-e-cigarettes\\_11.html](http://rodutobaccotruth.blogspot.com/2013/12/the-cdc-abuses-facts-about-e-cigarettes_11.html)

The NIDA funded MTF 2013 survey found record low rates and significant declines since 2010 for daily, past-30-day, and lifetime cigarette smoking among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> graders, refuting CDC's false claims that e-cigs are gateways to cigarettes for teens.  
<http://www.monitoringthefuture.org/data/13data/13tobtbl1.pdf>  
<http://www.monitoringthefuture.org/data/13data/13tobfig1.pdf>

MTF found, that since 1996, daily cigarette smoking rates have declined by 83% among 8<sup>th</sup> graders (10.4% to 1.8%), by 76% among 10<sup>th</sup> graders (18.3% to 4.4%), and by 62% among 12<sup>th</sup> graders (22.2% to 8.5%).

A 2013 study found exhaled e-cig vapor contains nonhazardous trace levels of nicotine (averaging 2.5 µg/m<sup>3</sup>) and none of the many toxicants in 2nd hand smoke.

<http://ntr.oxfordjournals.org/content/early/2013/12/10/ntr.ntt203.abstract.html>

Another 2013 study found that in contrast to cigarette smoking, e-cig use not associated with elastic properties of ascending aorta

<http://www.ecigarette-research.com/EUROECHO2013-ecigs.pdf>

Another study revealed the characterization of chemicals released to the environment by electronic cigarettes use (ClearStream-AIR project), indicating that e-cigs pose no risks to nonusers

[http://clearstream.flavourart.it/site/wp-content/uploads/2012/09/CSA\\_ItaEng.pdf](http://clearstream.flavourart.it/site/wp-content/uploads/2012/09/CSA_ItaEng.pdf)

The most comprehensive scientific review (of all previously published studies and dozens of unpublished lab reports) found no evidence that e-cig vapor poses harm or risks to users or nonusers.

Igor Burstyn: Peering through the mist: systematic review of what the chemistry of contaminants in electronic cigarettes tells us about health risks

<http://www.biomedcentral.com/content/pdf/1471-2458-14-18.pdf>

<http://www.biomedcentral.com/1471-2458/14/18/abstract>

<http://www.ncbi.nlm.nih.gov/pubmed/24406205#>

An Internet survey of 4,616 vapers found that 69% initially vaped with “tobacco flavored” e-cigs, but that 69% of vapers who quit smoking (and 58% of vapers who still smoked) switched between different flavored e-cig products on a daily basis, and that 70% of vapers who quit smoking (and 56% of vapers who still smoked) would find vaping less enjoyable if flavorings were limited.

<http://www.mdpi.com/1660-4601/10/12/7272>

Another study found that e-cigs are effective substitutes for cigarette smokers.

“Safety evaluation and risk assessment of electronic cigarettes as tobacco cigarette substitutes: a systemic review”

<http://taw.sagepub.com/content/5/2/67>

Another study found that nicotine is safe, and helps Alzheimer’s and Parkinson’s sufferers

<http://www.tampabay.com/news/health/study-finds-nicotine-safe-helps-in-alzheimers-parkinsons/2175396>

In 2014, the Royal College of Physicians endorsed e-cigs to help smokers quit smoking

<http://www.rcplondon.ac.uk/commentary/what-you-need-know-about-electronic-cigarettes>

14 Electronic Cigarette studies that shame the critics

<http://www.churnmag.com/features/14-electronic-cigarette-studies-that-shame-the-critics/>



An international expert panel convened by the Independent Scientific Committee on Drugs found that smokeless tobacco, e-cigarettes, nasal sprays, gums, lozenges and patches are ALL exponentially less harmful than cigarettes

<http://www.karger.com/Article/FullText/360220>

Survey data reported by ASH UK “Use of electronic cigarettes in Great Britain” found:

- 2.1 million adults in UK currently use e-cig products, increasing from 700,000 in 2012
- 17.7% of adult smokers are current vapers,
- 4.7% of exsmokers (who switched to vaping) are current vapers,
- .1% of never smokers are current vapers,
- 47% of vapers now use prefilled cartridges and 52% began using prefilled cartridges,
- 41% of vapers now use tanks and e-liquid and 24% began using tanks and e-liquid,
- 8% of vapers now use disposable e-cigs, and 20% began using disposables,
- current vaping by minors is rare and confined almost entirely to smokers and exsmokers

[http://www.ash.org.uk/files/documents/ASH\\_891.pdf](http://www.ash.org.uk/files/documents/ASH_891.pdf)

And an international survey of more than 19,000 e-cig vapers found that:

- 81% completely quitting smoking by switching to vaping,
- 5.8% reported “occasional smoking”,
- 13% reported “daily smoking”, with cigarette consumption declining from a median of 20/day at onset of vaping to just 4/day at time of survey,
- participants vaped for a median of 10 months, with 97.1% reporting daily vaping,
- participants reduced levels of nicotine consumed by 33% from a median of 18mg/ml at onset of vaping to a median of 12 mg/ml at time of survey,
- 21.5% used vapor products containing more than 20mg/ml nicotine,
- 3.5% used vapor products containing NO nicotine,
- vast majority used second (eGo-type) and newer generation (Mods) vaporizers,
- just 3.7% used “cigalike” e-cig products,
- 99.5% were cigarette smokers when at onset of vaping,
- none of the .5% who were nonsmokers at onset of vaping became a smoker afterward, and most of them used NO nicotine vapor products, and
- participants average age was 39, with 74.7% from Europe and 20.7% from America.

<http://www.ecigarette-research.com/web/index.php/research/2014/161-survey-ecig>

<http://www.mdpi.com/1660-4601/11/4/4356>

Meanwhile, the CDC deceptively labeled/rated State policies for Tobacco Use (not cigarettes) on cigarette tax, state spending and misleading smoking ban criteria, while once again equating all tobacco use with truly hazardous cigarette smoking

[http://www.cdc.gov/stltpublichealth/psr/docs/PSR-2013-National\\_Summary.pdf](http://www.cdc.gov/stltpublichealth/psr/docs/PSR-2013-National_Summary.pdf)

[http://www.cdc.gov/stltpublichealth/psr/state\\_reports.html](http://www.cdc.gov/stltpublichealth/psr/state_reports.html)

The NY Times (which has repeatedly editorialized in support of the FDA’s proposed Deeming Regulation) ran a front page headline/article touting two unpublished studies, demonized e-liquid and premium vaporizers, failed to acknowledge that a cup of coffee emits far more carcinogens and toxins than premium vaporizers using e-liquid, which are far more effective than cigalike e-cigs for smoking cessation.

<http://www.nytimes.com/2014/05/04/business/some-e-cigarettes-deliver-a-puff-of-carcinogens.html?>

Konstantinos Farsalinos, who was a peer reviewed of one of the unpublished studies touted by the NY Times, revealed details of what the study actually found  
“Formaldehyde release in e-cigarette vapor: The New York Times story explained in detail”

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/162-nyt-formald>

But despite no evidence (at the time) that nicotine ingestion has ever killed any human, the NY Times deceitfully claimed (on a front page article) nicotine e-liquid is poisoning children to shock readers and lobby for FDA’s proposed Deeming Regulation.

[http://www.nytimes.com/2014/03/24/business/selling-a-poison-by-the-barrel-liquid-nicotine-for-e-cigarettes.html?emc=edit\\_th\\_20140324&nl=todaysheadlines&nid=12253159&r=1](http://www.nytimes.com/2014/03/24/business/selling-a-poison-by-the-barrel-liquid-nicotine-for-e-cigarettes.html?emc=edit_th_20140324&nl=todaysheadlines&nid=12253159&r=1)

In response, objective and honest public health advocates appropriately confronted and repudiated the false and misleading fear mongering claims made by the NY Times.

Carl Phillips: New York Times goes “more at 11:00” with story on e-cigs and poisoning  
<http://antithrilies.com/2014/03/24/new-york-times-goes-more-at-1100-with-story-on-ecigs-and-poisoning/>

ACSH: Tons of toxic nicotine out there – care in handling is required. Meanwhile, keep on vaping

<http://acsh.org/2014/03/tons-toxic-nicotine-care-handling-required-meanwhile-keep-vaping/>

Jacob Sullum: NY Times warns that drinking e-cigarette fluid could become a fatal fad among toddlers

<http://reason.com/blog/2014/03/24/new-york-times-warns-that-drinking-e-cig>

Amy Fairchild and Ronald Bayer: Liquid Death from E-Cigarettes? You’ve got a long way to go, baby

[http://www.huffingtonpost.com/dr-amy-fairchild/liquid-death-from-ecigare\\_b\\_5044145.html?](http://www.huffingtonpost.com/dr-amy-fairchild/liquid-death-from-ecigare_b_5044145.html?)

E-cig industry being unfairly targeted?

<http://video.foxbusiness.com/v/3395321281001/e-cig-industry-being-unfairly-targeted/#sp=show-clips>

E-cig overdose: How much liquid nicotine would it take to kill you?

<http://www.kpbs.org/news/2014/mar/28/e-cigarette-overdose-how-much-liquid-nicotine-woul/>

Clive Bates on toxic claims about e-cigs

<http://www.clivebates.com/?p=2053#comment-17043>

But one week later, the CDC claimed there were 2,405 (among nearly 8 million total) e-cig exposures reported to Poison Control Centers since 2010, an increased number of calls/month for e-cig exposures (now .1% of all calls to Poison Control Centers), no admissions to critical care or noncritical care units (compared to >500,000 admissions for

other substances), and that “The most common adverse health effects in e-cigarette exposure calls were vomiting, nausea, and eye irritation.”

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6313a4.htm?s\\_cid=mm6313a4\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6313a4.htm?s_cid=mm6313a4_e)  
[https://aapcc.s3.amazonaws.com/pdfs/annual\\_reports/2012\\_NPDS\\_Annual\\_Report.pdf](https://aapcc.s3.amazonaws.com/pdfs/annual_reports/2012_NPDS_Annual_Report.pdf)  
[https://aapcc.s3.amazonaws.com/pdfs/annual\\_reports/2011\\_NPDS\\_Annual\\_Report\\_-\\_Final.pdf](https://aapcc.s3.amazonaws.com/pdfs/annual_reports/2011_NPDS_Annual_Report_-_Final.pdf)  
[https://aapcc.s3.amazonaws.com/pdfs/annual\\_reports/2010\\_NPDS\\_Annual\\_Report\\_1.pdf](https://aapcc.s3.amazonaws.com/pdfs/annual_reports/2010_NPDS_Annual_Report_1.pdf)

Then CDC Director Tom Frieden grossly misrepresented Poison Control Center data to create a public panic to lobby for FDA’s proposed Deeming Regulation.

<http://content.govdelivery.com/accounts/USCDC/bulletins/ae691>

Tom Frieden “Use of these products is skyrocketing and these poisonings will continue.”

While several news media did some fact checking about e-cig calls to Poison Control Centers

<http://www.sltrib.com/sltrib/news/57770988-78/cigarette-poisonings-calls-poison.html.csp>  
[www.cnn.com/2014/04/03/health/ecigs-nicotine-poisoning/index.html?hpt=hp\\_t4](http://www.cnn.com/2014/04/03/health/ecigs-nicotine-poisoning/index.html?hpt=hp_t4)  
<http://www.cbsnews.com/videos/e-cigarette-debate-smolders-over-health-claims/>  
<http://www.examiner.com/article/electronic-cigarette-poisonings-not-a-problem-some-parts-of-the-country>

many irresponsible news outlets repeated Tom Frieden’s false fear mongering claims about e-cig safety without any fact checking.

<http://touch.latimes.com/#section/-1/article/p2p-79811515/>  
<http://www.nbcnews.com/health/health-news/e-cigarette-poisonings-skyrocket-mostly-kids-n70961>  
<http://www.consumeraffairs.com/news/e-cigs-linked-to-spike-in-calls-to-poison-centers-040414.html>  
<http://www.wach.com/news/story.aspx?id=1026088#.U0WwGIVdXSI>  
<http://www.muskogeephoenix.com/opinion/x493453294/Ban-e-cig-use-in-public-spaces>  
[http://www.sentinelsource.com/report-complaints-of-e-cigarette-poisonings-on-the-rise/article\\_d12c3e82-77af-570d-9d01-da3adb54a160.html](http://www.sentinelsource.com/report-complaints-of-e-cigarette-poisonings-on-the-rise/article_d12c3e82-77af-570d-9d01-da3adb54a160.html)

ACSH: “The sky is falling”, warns CDC about largely-imaginary nicotine “poisonings”

<http://acsh.org/2014/04/sky-falling-warns-cdc-largely-imaginary-nicotine-poisonings/>

But according to National Poison Data System, e-cigs account for just .1% of exposures reported to Poison Control Centers (about 200/194,500 calls/month)

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6313a4.htm?s\\_cid=mm6313a4\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6313a4.htm?s_cid=mm6313a4_e)  
[https://aapcc.s3.amazonaws.com/pdfs/annual\\_reports/2012\\_NPDS\\_Annual\\_Report.pdf](https://aapcc.s3.amazonaws.com/pdfs/annual_reports/2012_NPDS_Annual_Report.pdf)

The NY Times also published a fear mongering editorial that grossly exaggerated nicotine safety risks and youth exposure on tobacco farms, while failing to acknowledge that wearing long shirts, pants and gloves when harvesting tobacco prevents/reduces nicotine exposure to skin.

[http://www.nytimes.com/2014/05/18/opinion/sunday/children-dont-belong-in-tobacco-fields.html?emc=edit\\_tnt\\_20140517&nliid=121516&tntemail0=y&r=0](http://www.nytimes.com/2014/05/18/opinion/sunday/children-dont-belong-in-tobacco-fields.html?emc=edit_tnt_20140517&nliid=121516&tntemail0=y&r=0)

Mike Siegel: New study shows that e-cigarettes, unlike real ones, do not adversely affect acute heart function

<http://tobaccoanalysis.blogspot.com/2014/06/new-study-shows-that-e-cigarettes.html>

Another comprehensive scientific review found that e-cigs provide many health benefits and negligible risks.

Cancer Prevention: The case for or against e-cigarettes: What the scientific research says

[http://www.nypcancerprevention.org/features/case\\_for\\_or\\_against\\_e-cigarettes.html](http://www.nypcancerprevention.org/features/case_for_or_against_e-cigarettes.html)

Meanwhile, FDA and Big Pharma funded American Heart Association (which urged FDA to ban e-cigs in 2009) published junk science propaganda by FDA/NIH funded UCSF e-cig prohibitionists that grossly misrepresented the scientific and empirical evidence on e-cigs for smoking cessation and cigarette consumption declines to confuse, scare and lobby for FDA's proposed Deeming Regulation.

<http://circ.ahajournals.org/content/129/19/1972.full>

News outlets touted FDA funded AHA's propaganda (disguised as science) by FDA funded UCSF e-cig prohibitionists by falsely claiming e-cigs don't help smokers quit

[http://www.huffingtonpost.com/2014/05/14/e-cigarette-studies\\_n\\_5319225.html](http://www.huffingtonpost.com/2014/05/14/e-cigarette-studies_n_5319225.html)

<http://www.sfgate.com/health/article/E-cigarette-study-Health-benefits-lacking-5472738.php>

<http://dailydigestnews.com/2014/05/study-e-cigarettes-dont-help-people-quit-smoking/>

<http://indianexpress.com/article/lifestyle/health/e-cigarettes-not-healthy-alternative-to-smoking/>

In response, Mike Siegel criticized the AHA published propaganda by UCSF e-cig opponents "Glantz review article is little more than an unscientific hatchet job on e-cigs"

<http://tobaccoanalysis.blogspot.com/2014/05/glantz-review-article-is-little-more.html>

Mike Siegel followed up with another critique "In My View: Why the Glantz scientific review of e-cigarettes is not only unscientific, but dishonest"

<http://tobaccoanalysis.blogspot.com/2014/05/in-my-view-why-glantz-scientific-review.html>

Meanwhile, FDA Commissioner Hamburg falsely claimed "We are a science-based, data-driven public-health agency" in describing the proposed Deeming Regulation (that FDA has advocated since 2011 despite no scientific or public health justification) that would ban >99% of e-cigs, give e-cig industry to Big Tobacco, and threaten the lives of ALL vapers and smokers

<http://www.businessweek.com/articles/2014-05-19/fda-commissioner-hamburg-on-drug-approvals-and-saying-no#p2>

The CDC recently began to unethically recruit and offer to pay e-cig users who were diagnosed with a "serious health condition" (even though their disease wasn't caused by e-cig use) to appear in CDC television advertisements to mislead and scare the public about e-cigs.

<http://www.plowsharegroup.com/TipsAdRecruitment/>

CDC's Tim McAfee and FDA's Mitch Zeller misrepresented much of the evidence on e-cigs at a 2014 US Senate hearing to demonize the products and lobby for FDA's proposed Deeming Regulation.

<http://www.help.senate.gov/hearings/hearing/?id=a0a14829-5056-a032-526d-3bc1bfd96586>

<http://www.c-span.org/video/?319401-1/fda-regulation-ecigarettes>

Mike Siegel criticized McAfee's testimony "In Senate Testimony, CDC Lies in Order to Obscure the Issues Surrounding Electronic Cigarettes"

<http://tobaccoanalysis.blogspot.com/2014/05/in-senate-testimony-cdc-lies-in-order.html>

FDA Commissioner Hamburg's letter to NY Times deceptively touted the agency's recently proposed Deeming Regulation as benefiting public health, and falsely claimed "The F.D.A. is committed to the science-based regulation of these products to better protect public health."

[http://www.nytimes.com/2014/05/13/opinion/regulating-e-cigarettes-the-view-from-the-fda.html?\\_r=0](http://www.nytimes.com/2014/05/13/opinion/regulating-e-cigarettes-the-view-from-the-fda.html?_r=0)

Carl Phillips: Hamburg letter helps clarify FDA's naivety regarding e-cigarettes

<http://antithrlies.com/2014/05/14/hamburg-letter-helps-clarify-fdas-naivety-regarding-e-cigarettes/>

One week after the FDA proposed the Deeming Regulations, in a LA Times article entitled "CDC director explains what he hates about electronic cigarettes", CDC Director Tom Frieden once again grossly misrepresented the scientific and empirical evidence on e-cigs and public health to confuse, scare and lobby for the Deeming Regulation.

<http://www.latimes.com/science/sciencenow/la-sci-sn-why-tom-frieden-hates-electronic-cigarettes-cdc-20140429,0,4147326.story>

Frieden was quoted as saying:

"If they get another generation of kids more hooked on nicotine and more likely to smoke cigarettes, that's more harm than good,"

"If they get smokers who would have quit to keep smoking instead of quitting, more harm than good."

"If they get ex-smokers who have been off nicotine to go back on nicotine and then back to cigarettes, more harm than good."

"If they get people who want to quit smoking and would have taken medicines to think e-cigarettes are going to help, but they don't, more harm than good."

"If they re-glamorize smoking, it's more harm than good." and

The FDA "tried to regulate e-cigarettes earlier, and they lost to the tobacco industry."

Carl Phillips responded with a blog posting "CDC Director Tom Frieden explains that he hates e-cigs because he is clueless"

<http://antithrlies.com/2014/04/29/cdc-director-frieden-explains-that-he-hates-ecigs-because-he-is-clueless/>

Mike Siegel responded with a blog posting "CDC continues to spread unsupported propaganda and misinformation about electronic cigarettes"

<http://tobaccoanalysis.blogspot.com/2014/05/cdc-continues-to-spread-unsupported.html>

A recent Finish survey found that teens who smoke daily were 120 times more likely than never smokers to report ever using an e-cig, failed to disclose critically important differences for those who reported using e-cigs >20 times (presumably because all were daily smokers or exsmokers who quit by switching to vaping), found 17.4% of teens reported ever use of an e-cig, 12.6% reported e-cig use only once or twice, and just 2% reported using >20 times. The authors demonized e-cigs despite their study's findings.

<http://tobaccocontrol.bmj.com/content/early/2014/05/14/tobaccocontrol-2013-051512.full>

<http://tobaccocontrol.bmj.com/content/early/2014/05/14/tobaccocontrol-2013-051512/T5.expansion.html>

A 2014 study found asthmatic smokers who switched to e-cigs (including exclusive vapers and dual use vapers who reduced cigarette consumption) had significant improvements in spirometry data, asthma control and airway hyper-responsiveness (AHR).

<http://www.mdpi.com/1660-4601/11/5/4965>

Konstantinos Farsalinos revealed the details of the study: “First study to demonstrate improvements in smoking asthma patients after switching to e-cigarette use”

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/163-ecigs-asthma>

Brad Rodu revealed that the US government has refused to release important survey data from 2011 on e-cig use “Federal e-cigarette data AWOL”

<http://rodutobaccotruth.blogspot.com/2014/04/federal-e-cigarette-data-awol.html>

US government suppresses 2011 Current Population Survey data on e-cigarette use “An emerging tobacco product section that was initiated in 2003, asked about use of dissolvables (2010-2011 main survey), and E-cigarettes during the May 2011 follow-up survey.” (see page 13)

<http://www.census.gov/prod/techdoc/cps/cpsjan11.pdf>

A recent UK study found that smokers who used e-cigs to quit smoking were 2.23 times more likely (i.e. 60% more likely) to quit smoking than those who used nicotine gums, lozenges and/or patches, and were 38% more likely to quit than smokers who used no cessation aid. “Real-world effectiveness of e-cigarettes when used to aid smoking cessation: a cross sectional population study”

<http://onlinelibrary.wiley.com/doi/10.1111/add.12623/abstract>

<http://onlinelibrary.wiley.com/doi/10.1111/add.12623/pdf>

<http://www.addictionjournal.org/press-releases/e-cigarette-use-for-quitteing-smoking-is-associated-with-improved-success-rates->

Carl Phillips delineated details of the UK study finding e-cigs more effective than MHRA (and FDA) approved drugs for smoking cessation

“Understanding the new West et al. paper on e-cigarettes and smoking cessation”

<http://ep-ology.com/2014/05/20/understanding-the-new-west-et-al-paper-on-e-cigarettes-and-smoking-cessation/>

Clive Bates : People using e-cigarettes to quit smoking 60 percent more likely to succeed than those using NRT sold over the counter

<http://www.clivebates.com/?p=2163>

Public Health England’s recent report on Electronic Cigarettes reviewed the scientific and empirical evidence on the products’ many health benefits and negligible risks at [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/311887/E-cigarettes\\_report.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/311887/E-cigarettes_report.pdf)

Clive Bates commented “Public Health England goes positive on e-cigarettes”

<http://www.clivebates.com/?p=2172>

53 international nicotine and public health specialists from 15 countries sent a letter to WHO Director-General Margaret Chan stating “Tobacco harm reduction is part of the solution, not part of the problem,” and that e-cigarette and other noncombustible tobacco/nicotine products “could be among the most significant health innovations of the 21st Century—perhaps saving hundreds of millions of lives,” urged Chan, WHO and the FCTC to begin basing their statements and policy recommendations on scientific evidence.

<http://www.nicotinepolicy.net/documents/letters/MargaretChan.pdf>

<http://nicotinepolicy.net/n-s-p/1753-who-needs-to-see-ecigs-as-part-of-a-solution>

<http://www.nicotinepolicy.net/documents/media/WHO-COP-6-E-Cig-letter-Media-Release.pdf>

53 international experts on nicotine science and public health policy sent a 2nd letter to WHO critiquing FDA/NIH funded Stan Glantz’s false and misleading claims about the scientific evidence on e-cigs, reiterating their previously expressed support for tobacco harm reduction and e-cigs.

<http://nicotinepolicy.net/documents/letters/response-to-glantz-et-al-letter-to-who.pdf>

<http://nicotinepolicy.net/n-s-p/2003-glantz-letter-to-who-the-importance-of-dispassionate-presentation-and-interpretation-of-evidence>

Mike Siegel: New study shows that e-cigarettes, unlike real ones, do not adversely affect acute heart function

<http://tobaccoanalysis.blogspot.com/2014/06/new-study-shows-that-e-cigarettes.html>

A June 2013 US survey of smokers and former smokers (who quit in past five years) found “ever use” of e-cigs by 46.8%, “past 30 day use” (which DHHS calls “current use”) by 16.1%, and “established use” (defined by authors as using >50 times) by 3.8%. Former smokers (who almost certainly quit by switching to e-cigs) were 3.24 times more likely than daily cigarette smokers (8.3% vs 2.8%) to be “established users” of e-cigs, and 26% of former smokers who “ever used” an e-cig were “established users” (8.3%/38.3%).

[http://www.ajpmonline.org/article/S0749-3797\(14\)00174-3/abstract](http://www.ajpmonline.org/article/S0749-3797(14)00174-3/abstract)

<http://www.newswise.com/articles/improved-methods-to-identify-frequent-e-cigarette-users-needed?>

<http://www.cfah.org/hbns/2014/smokers-slow-to-embrace-routine-use-of-electronic-cigarettes>

The survey also found “cigalikes” were regular brand of 72.1% of “past 30 day users” and 57.9% of “established users”, and “disposable cigalikes” were typically used by 28.2% of “past 30 day users” and 3.6% of “established users”. “Vaporizers” were regular brand of 34.8% of “established users” and 19.9% of “past 30 day users”, and e-cigs were bought Online by 46.2% of “established users” and 24.7% of “past 30 day users”. Importantly, the authors suggested future e-cig surveys include new category for “established users” (although “daily use” would capture all “established users” while

excluding occasional users who have used >50 times, which can occur by using just one e-cig).

Another study found that smokers (who used cigalike e-cigs and FDA approved nicotine inhaler for three days each) rated cigalike e-cigs significantly more satisfying, more helpful, more acceptable, and cooler than an FDA approved nicotine inhaler. 76% of participants reported they would use e-cigs to quit smoking, compared to 24% for FDA approved inhaler, while 18% of participants quit smoking for 3 days using e-cigs and 10% quit smoking for 3 days using FDA approved inhaler. But lead author DHHS funded Michael Steinberg (who has opposed and made false claims about e-cigs) told the news media the study's findings were attributable to e-cig marketing and advertising (which wasn't even studied) to make e-cigs appear "cooler".

<http://link.springer.com/article/10.1007/s11606-014-2889-7>

<http://www.springer.com/about+springer/media/springer+select?SGWID=0-11001-6-1466467-0>

[http://www.newsroomamerica.com/story/425090/cool\\_factor\\_separates\\_e-cigarettes\\_from\\_nicotine\\_inhalers.html](http://www.newsroomamerica.com/story/425090/cool_factor_separates_e-cigarettes_from_nicotine_inhalers.html)

<http://www.livescience.com/46137-electronic-cigs-are-just-cooler.html>

A recent Wall St. Journal article revealed that 'Vaporizers' are the new draw in e-cigarettes, and that refillable contraptions are cheaper, more potent than 'Cigalikes'

<http://online.wsj.com/articles/vaporizers-are-the-new-draw-in-e-cigarettes-1401378596>

Cigalike e-cig sales revenue at convenience stores declined in April/May 2014 as more vapers switch to premium vaporizers and e-liquid, and to e-cig kits

<http://www.cspnet.com/category-management-news-data/tobacco-news-data/articles/nielsen-electronic-cigarette-dollar-sales>

A recent study found that increased duration of e-cig use was associated with reduced cigarette consumption

<http://ntr.oxfordjournals.org/content/early/2014/05/13/ntr.ntu061.abstract>

A 2013 survey found that just 65% of US smokers correctly believe that e-cigs are safer than cigarettes, indicating the false and misleading fear mongering claims by FDA and other DHHS agencies, Big Pharma funded promoters of NRT and Chantix, and other e-cig opponents has confused and mislead nearly 15 million smokers in the US about the comparable risks of e-cigs and cigarettes.

<http://www.ajpmonline.org/article/S0749-3797%2814%2900107-X/abstract>

<http://medicalxpress.com/news/2014-05-e-cigarette-awareness-apparently-skepticism.html>

[http://www.huffingtonpost.com/2014/05/20/ecigarette-health-claims\\_n\\_5354740.html](http://www.huffingtonpost.com/2014/05/20/ecigarette-health-claims_n_5354740.html)

FDA's Mitch Zeller made more false claims about e-cigs to push the agency's proposed Deeming Regulation by claiming: "We don't know what's in the products, we don't know who is using them, how they're being used -- although there are alarming reports of large numbers of kids initiating e-cigarette use,"

<http://www.kfbk.com/articles/kfbk-news-461777/federal-government-looking-at-regulations-for-12382843/#ixzz32Zag5Is8>



CDC's Community Preventive Services Task Force (appointed by Tom Frieden) falsely equated highly addictive and lethal cigarettes with ALL Other Tobacco Products (which would include e-cigs if FDA imposes the Deeming Regulation), cited the health benefits of cigarette price hikes to falsely claim OTP price hikes would yield similar public health benefits, and recommended price/tax hikes for all OTP.

<http://www.thecommunityguide.org/tobacco/RRincreasingunitprice.html>

<http://www.thecommunityguide.org/tobacco/increasingunitprice.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6321a6.htm?s\\_cid=mm6321a6\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6321a6.htm?s_cid=mm6321a6_e)

<http://content.govdelivery.com/accounts/USCDC/bulletins/bab6ec>

CDC's Community Preventive Services Task Force (appointed by Tom Frieden) falsely insinuated that the purpose/impact of smokefree policies was/is to reduce all "tobacco use", falsely cited studies on cigarette use/consumption/morbidity/mortality as studies on tobacco use/consumption/morbidity/mortality, conflated all tobacco use with very hazardous cigarette smoking.

<http://www.thecommunityguide.org/tobacco/RRsmokefreepolicies.html>

<http://www.thecommunityguide.org/tobacco/smokefreepolicies.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6321a6.htm?s\\_cid=mm6321a6\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6321a6.htm?s_cid=mm6321a6_e)

<http://content.govdelivery.com/accounts/USCDC/bulletins/bab6ec>

Clive Bates: Arguing about e-cigs – a Q&A (excellent analysis and graphics comparing the scientific evidence on e-cigs with the false fear mongering claims by THR opponents)

<http://www.clivebates.com/?p=2197>

A recently published Harvard survey of >26,000 found e-cigs are not a gateway to cigarette smoking, found 20.3% of smokers, 4.7% of exsmokers, and just 1.2% of never smokers had ever used an e-cig.

<https://uk.news.yahoo.com/harvard-study-e-cigarettes-not-gateway-smoking-110418386.html#IRnHTKR>

<http://tobaccocontrol.bmj.com/content/early/2014/04/30/tobaccocontrol-2013-051394>

<http://www.medicalnewstoday.com/articles/278313.php>

Mike Siegel: Gateway hypothesis for electronic cigarettes all but destroyed: Data show youth smoking at all-time low

<http://tobaccoanalysis.blogspot.com/2014/06/gateway-hypothesis-for-electronic.html>

But the CDC released cherry picked NATS survey data on use of different tobacco products (and e-cigs) to further lobby for proposed FDA deeming regulation, compared cigarettes with far less hazardous OTP and e-cigs, combined daily use with rare and occasional use data to confuse, and created incomparable "established thresholds" denominators

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm63e0624a1.htm?s\\_cid=mm63e0624a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm63e0624a1.htm?s_cid=mm63e0624a1_e)

NIDA Director Nora Volkow misrepresented the scientific evidence and scared public about third hand nicotine from e-cig vapor "Chronic e-cigarette use would be expected to produce even higher levels of third hand nicotine exposure, and it's unclear how such exposure could impact the health of close family members, friends, and coworkers who are regularly exposed to these environments."

<http://www.drugabuse.gov/news-events/news-releases/2014/05/study-third-hand-nicotine-e-cigarette-exposure-wins-top-nih-addiction-science-award>

Meanwhile, DHHS Secretary Sebelius and FDA Commissioner Margaret Hamburg repeated false and misleading fear mongering claims about e-cigs to confuse, scare and lobby for FDA's newly proposed e-cig Deeming Regulation (which would ban >99% of e-cigs), while NBC News falsely claimed "public health experts" support the FDA Deeming Regulation (as ethical public health experts support smokers switching to far less hazardous e-cigs).

<http://www.nbcnews.com/health/health-news/first-e-cigarette-rules-proposed-fda-n87916>

The FDA is spending \$270 million on studies to promote its extreme regulatory agenda instead of measuring the health impact e-cigarettes and smokeless tobacco have had on millions of smokers who switched, with most FDA/NIH funding being given to THR opponents and FDA regulation advocates.

<http://www.foxnews.com/health/2014/07/07/e-cigarette-researchers-count-puffs-scour-facebook-to-assess-risks/>

<https://prevention.nih.gov/tobacco-regulatory-science-program/research-portfolio/centers>

<https://prevention.nih.gov/tobacco-regulatory-science-program/research-portfolio>

2014 surveys by ASH Wales and ASH Scotland found teen nonsmokers far less likely than smokers to report e-cig use, no evidence e-cigs addict nonsmokers, are gateways to cigarettes or renormalize smoking (consistent with findings of all other e-cig surveys).

[http://www.ashwales.org.uk/creo\\_files/upload/downloads/young\\_people\\_and\\_e-cigarettes\\_in\\_wales\\_final\\_march\\_2014.pdf](http://www.ashwales.org.uk/creo_files/upload/downloads/young_people_and_e-cigarettes_in_wales_final_march_2014.pdf)

<http://www.ashscotland.org.uk/media/6155/e%20cig%20Final%20report%2007.14.pdf>

ASH Wales survey (March 2014) finds:

[http://www.ashwales.org.uk/creo\\_files/upload/downloads/young\\_people\\_and\\_e-cigarettes\\_in\\_wales\\_final\\_march\\_2014.pdf](http://www.ashwales.org.uk/creo_files/upload/downloads/young_people_and_e-cigarettes_in_wales_final_march_2014.pdf)

- 14% of teens (13-18 years) currently smoke cigarettes,
- 4.6% of teens uses an e-cig more than once per week,
- 33.7% of teen smokers currently use e-cigs
- 5.6% of teen exsmokers currently use e-cigs
- .3% of teens who never smoked currently use e-cigs
- 1.5% of teens currently use e-cigs and have quit smoking cigarettes,
- 2% of teens currently use e-cigs and have reduced their cigarette consumption,
- 56.1% of teen smokers ever used an e-cig,
- 3.8% of teens who never smoked ever used an e-cig,

ASH Scotland survey (July 2014) finds:

<http://www.ashscotland.org.uk/media/6155/e%20cig%20Final%20report%2007.14.pdf>

- 22% of teens (13-18 years) smoked one or more cigarettes per week,
- 15% of teen smokers used an e-cig one or more times per week,
- 2% of teen nonsmokers used an e-cig one or more times per week,
- 39% of teens reported ever use of an e-cig,
- among teen smokers who used e-cigs, 29% did so to quit smoking, 23% to reduce cigarette consumption,
- 53% of teens agreed that e-cigs are less harmful than cigarettes, while 12% disagreed,
- 12% of teens thought cigarette smoking was cool, and 12% thought e-cig use was cool,

Tamara Tabo – Smoke Signals: The misinformation behind FDA’s proposed regulation of e-cigarettes

<http://abovethelaw.com/2014/05/smoke-signals-the-misinformation-behind-fdas-proposed-regulation-of-e-cigarettes/>

The first sentence on FDA’s new Deeming Regulation webpage falsely claims “tobacco use” is “leading cause of preventable disease and death in the United States” (it’s cigarette smoking) to confuse, scare and lobby for agency’s proposed Deeming Regulation

<http://www.fda.gov/TobaccoProducts/Labeling/ucm388395.htm?>

On another webpage, FDA falsely claimed the “annual death toll from tobacco-attributable disease has risen to more than 480,000” (as cigarette-attributable mortality is 480,000) to falsely claim its proposed Deeming Regulation is “so important for public health”; misrepresented the proposal’s impact on public health; and falsely insinuated e-cigs are marketed to youth, are gateways to cigarettes, and prevent smokers from quitting.

<http://www.fda.gov/downloads/TobaccoProducts/NewsEvents/UCM397724.pdf?>

The first sentence on another 2014 FDA Tobacco Product webpage falsely claimed “Tobacco use is the single largest preventable cause of disease and death in the United States” (it’s daily cigarette smoking), while the webpage falsely portrayed OTP (and e-cigs) as more addictive and harmful than cigarettes, and target marketed to youth.

<http://www.fda.gov/ForConsumers/ConsumerUpdates/ucm392735.htm?>

A 2014 FDA funded supplement in AJPM misrepresented the 2012 NYTS data to exaggerate youth use of OTP (and e-cigs) and grossly exaggerate the risks of OTP (and e-cigs) to further confuse, scare and to lobby for proposed FDA Deeming Regulation

<http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/ucm405173.htm?>

<http://www.ajpmonline.org/issue/S0749-3797%2814%29X0014-0>

Meanwhile, an FDA webpage on Youth Tobacco Use touting 2012 NYTS and FDA funded propaganda in AJPM fails to cite survey’s key findings (i.e. teen cigarette smoking sharply declined to record lows, and teens smokers were 20 times more likely than nonsmokers to report e-cig use), while exaggerating teen use of OTP (and e-cigs) to lobby for deeming regulation

<http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/ucm405173.htm?>

CDC also misrepresented the scientific evidence by falsely claiming “there is not yet any conclusive scientific evidence that e-cigarettes can work as a cessation aid.”

<http://www.elementsbehavioralhealth.com/behavioral-health-news/new-anti-smoking-shock-campaign-unveiled-by-cdc/>

In 2014, SAMHSA repeated false and misleading fear monger claims about e-cigs to lobby for FDA’s proposed Deeming Regulation and to prevent smokers from switching

[http://beta.samhsa.gov/samhsaNewsLetter/Volume\\_22\\_Number\\_3/e\\_cigarettes/](http://beta.samhsa.gov/samhsaNewsLetter/Volume_22_Number_3/e_cigarettes/)

A 2014 survey found teen smoking in UK dropped sharply to record lows as more smokers switch to e-cigs (disproving false claims that e-cigs are gateways to and renormalize smoking)

<http://www.hscic.gov.uk/catalogue/PUB14579>

<http://www.bbc.com/news/health-28461530>

A 2014 NCI funded study found that vapers (like cigarette smokers) are more likely to suffer mental health disorders than non vapers, which is consistent with the evidence that virtually all vapers were/are cigarette smokers. But the study's authors repeated false claims that e-cigs don't help smokers quit.

<http://tobaccocontrol.bmj.com/content/early/2014/05/12/tobaccocontrol-2013-051511.full>

[http://ucsdnews.ucsd.edu/pressrelease/e\\_cigarettes\\_and\\_mental\\_health](http://ucsdnews.ucsd.edu/pressrelease/e_cigarettes_and_mental_health)

<http://time.com/97414/the-weird-link-between-e-cigarettes-and-mental-health-disorders/>

<http://www.medicaldaily.com/e-cigarettes-and-mental-health-e-cigs-may-replace-regular-ones-those-mental-illness-they-believe>

A published study identified 365 documents and 2,227 citations on e-cigarettes published in 162 peer reviewed journals; US FDA, Universita degli Studi di Catania in Italy, and UCSF produced the most documents.

<http://www.biomedcentral.com/content/pdf/1471-2458-14-667.pdf>

<http://www.biomedcentral.com/1471-2458/14/667>

Unfortunately, most of the studies by FDA and UCSF misrepresented the scientific and empirical evidence on e-cigs.

An online ECF survey of 10,000+ vapers (conducted June/July 2014) found 79% of e-cig users would turn to black market, and 14% would return to cigarettes if their e-cig brand is banned (e.g. by FDA, MHRA or other government regulations)

<http://www.usnews.com/news/articles/2014/07/17/e-cigarette-users-would-ignore-bans-turn-to-black-market-survey-finds>

The ECF survey also found adults who use e-cigs to quit smoking prefer supposedly juvenile flavors

<http://www.forbes.com/sites/jacobsullum/2014/07/17/survey-shows-adults-who-use-e-cigarettes-to-quit-smoking-prefer-allegedly-juvenile-flavors/>

The ECF survey of 10,000+ vapers (conducted June/July 2014) also found:

- 7% of vapers who use Mechanical mods still smoke cigarettes,
- 8% of vapers who use Large/APV devices still smoke cigarettes,
- 17% of vapers who use Mid-sized devices still smoke cigarettes,
- 29% of vapers who use Rechargeable mini devices still smoke cigarettes,
- 49% of vapers who use Disposable e-cigs still smoke cigarettes,
- 92% of vapers worry government regulations would ban vaping products they use,
- 71% of vapers would NOT knowingly buy an e-cig sold by a tobacco company,
- 54% of dual users would NOT knowingly buy an e-cig sold by a tobacco company,
- 34% of vapers (who vaped for 0-3 months) bought first e-cig from a vape shop,
- 9% of vapers (who vaped 2 years or more) bought first e-cig from a vape shop,
- 26% of vapers (who vaped for 0-3 months) bought first e-cig from online vendor,

- 62% of vapers (who vaped 2 years or more) bought first e-cig from online vendor  
<http://vaping.com/data/vaping-survey-2014-initial-findings>

The ECF survey of 10,000+ vapers (conducted June/July 2014) also found:

- 65.5% of exsmoker vapers consider flavors important in helping them quit smoking,
- 31% of e-liquid users mostly use Fruit flavors,
- 22% of e-liquid users mostly use Tobacco flavor,
- 18% of e-liquid users mostly use Bakery/Dessert flavors,
- 9% of e-liquid users mostly use Menthol flavor,
- 2% of e-liquid users consume 0-1 ml per day,
- 13% of e-liquid users consume 1-2 ml per day,
- 21% of e-liquid users consume 2-3 ml per day,
- 23% of e-liquid users consume 4-5 ml per day,
- 16% of e-liquid users consume 5-6 ml per day,
- 11% of e-liquid users consume 6-7 ml per day,
- 5% of e-liquid users consume 7-8 ml per day,
- 4% of e-liquid users consume 8-9 ml per day,
- 3% of e-liquid users consume 9-10 ml per day,
- 3% of e-liquid users consume >10 ml per day,
- e-liquid users reported using lower nicotine strength e-liquid in 2014 than in 2013  
<http://vaping.com/data/big-survey-2014-initial-findings-eliq>

The ECF survey of 10,000+ vapers (conducted June/July 2014) also found:

- 35% use Mid-sized (ego/equivalent) device,
- 32% use Large/APV,
- 26% use Mechanical Mod,
- 4% use Rechargeable mini,
- 1% use Disposable e-cigs
- 2% use Other devices,
- 43% use Generation 2 tank (atomizer head)
- 37% use Re-buildable tank
- 10% use Re-filled cartomizer,
- 6% use Generation 1 tank cartomizer,
- 2% use Disposable atomizer,
- 2% use Pre-filled cartomizer,
- Use of tanks increased from 66% of vapers in 2013 to 86% in 2014,
- Use of Re-filled cartomizers declined from 30% of vapers in 2013 to 10% in 2014  
<http://vaping.com/data/big-survey-2014-initial-findings-hardware>

The findings of that online survey confirm that premium vaporizers and e-liquid (especially flavored e-liquid) are more effective than disposables and other cigalike e-cigs for smoking cessation). Unfortunately, the FDA's proposed Deeming Regulation would ban all premium vaporizers and e-liquid products.

Another 2014 survey found teen smoking in UK dropped dramatically to record lows as more smokers switch to e-cigs, disproving the chronically repeated claims (by FDA,

CDC and other e-cig opponents) that e-cigs are gateways to cigarettes and renormalize smoking.

<http://www.hscic.gov.uk/catalogue/PUB14579>

<http://www.bbc.com/news/health-28461530>

A 2014 survey of 128 NC doctors found that 67% think e-cigs helpful for smoking cessation, and that 35% recommend them to patients who smoke. But study's authors oppose smokers reducing their disease risks by switching to e-cigs.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0103462#close>

<http://www.bizjournals.com/charlotte/blog/health-care/2014/08/studyn-c-docs-recommend-e-cigs-to-stop-smoking.html>

And a comprehensive scientific review of e-cigs by Hajek, Etter, Benowitz, Eissenberg, McRobbie concluded: “**Regulating EC as strictly as cigarettes, or even more strictly as some regulators propose, is not warranted on current evidence. Health professionals may consider advising smokers unable or unwilling to quit through other routes to switch to EC as a safer alternative to smoking and a possible pathway to complete cessation of nicotine use.**” Electronic cigarettes: review of use, content, safety, effects on smokers and potential for harm and benefit

<http://onlinelibrary.wiley.com/doi/10.1111/add.12659/abstract>

<http://www.addictionjournal.org/press-releases/new-scientific-review-says-current-evidence-suggests-potential-benefits-of-e-cig>

<http://onlinelibrary.wiley.com/enhanced/doi/10.1111/add.12659/> (full text)

Among that study's findings:

- Long-term use of EC, compared to smoking, is likely to be much less, if at all, harmful to users or bystanders
- EC use is associate with smoking reduction and there is little evidence that it deters smokers interested in stopping smoking tobacco cigarettes from doing so.
- Regular use of EC by non-smokers is rare and no migration from EC to smoking has been documented...The advent of EC has been accompanied by a decrease rather than increase in smoking uptake by children.
- There are no signs that the advance of EC is increasing the popularity of smoking or sales of cigarettes.

Farsalinos and Pelosa delineated Glantz' and Dutra's misrepresentation of their own survey data on e-cig use in JAMA Pediatrics.

<http://archpedi.jamanetwork.com/article.aspx?articleid=1890731>

<http://www.liaf-onlus.org/docs/eng-polosa-farsalinos-us-adolescents.pdf>

In a Wall St. Journal op/ed, Mike Siegel delineated The E-Cigarette Gateway Myth

<http://online.wsj.com/articles/michael-b-siegel-the-e-cigarette-gateway-myth-1407283557>

August 2014

Berenberg report for stock investors says e-cig regulations protect cigarette markets:

“In summary, our medium-term view is that regulators have reinforced the position of cigarettes for many consumers at the same time that the tobacco majors have developed, or are developing, RRP’s that are better substitutes, improving areas such as speed of nicotine delivery alongside taste and other sensorial elements. Although alternatives to combustibles remain a threat to cigarette profits, the pace of change appears manageable. We believe some of the majors’ products are likely to be successful, both with the consumer and – almost as importantly – with the regulators.” (page 7)

[http://www.berenberg.de/cgi-bin/content/content.cgi?rm=show\\_doc&session\\_id=a02c6df05c27fb96a67e0f8e4fea6767](http://www.berenberg.de/cgi-bin/content/content.cgi?rm=show_doc&session_id=a02c6df05c27fb96a67e0f8e4fea6767)

Public health officials bolstering tobacco market with crackdown on e-cigarettes

<http://ww2.nationalpost.com/m/wp/blog.html?b=news.nationalpost.com/2014/08/15/public-health-officials-inadvertently-bolstering-tobacco-market-with-crackdown-on-e-cigarettes-analysts-say>

Clive Bates comments to FDA on Deeming Regulation delineates many false claims about e-cigs by FDA/NIH funded junk scientist and propagandist Stan Glantz

<http://www.clivebates.com/?p=2321>

Michael Marlow: FDA fails to account for e-cigarettes’ health benefits

<http://www.reviewjournal.com/opinion/fda-fails-account-e-cigarettes-health-benefits>

Altria endorses FDA’s proposed Deeming Regulation to protect cigarette markets, ban >99.9% of e-cigs marketed by Altria competitors, give e-cig industry to Altria and other Big Tobacco companies.

<http://www.altria.com/About-Altria/Federal-Regulation-of-Tobacco/Regulatory-Filing/Pages/default.aspx?src=leftnav>

<http://www.altria.com/About-Altria/Federal-Regulation-of-Tobacco/Regulatory-Filing/FDAFilings/ALCS-NuMark-Comments-FDA-2014-N-0189.pdf>

<http://www.altria.com/About-Altria/Federal-Regulation-of-Tobacco/Regulatory-Filing/FDAFilings/ALCS-JMC-Comments-FDA-2014-N-0189.pdf>

Lorillard endorses FDA’s proposed Deeming Regulation to ban vast majority of e-cig products marketed by smaller competitors

<http://www.lorillard.com/wp-content/uploads/2014/08/Comments-of-Lorillard-Inc.-FDA-Docket-FDA-2014-N-0189-AS-SUBMITTED.pdf>

NACS (whose members sell cigarettes and cigalike e-cigs marketed by Big Tobacco companies) endorses FDA Deeming Regulation to ban >99% of superior e-cig products and eliminate >99% of smaller e-cig competitors, urges FDA to sharply reduce Internet e-cig vendors and sales (to protect cigarette and cigalike e-cig sales by NACS members)

<http://www.nacsonline.com/News/Daily/Pages/ND0811141.aspx#.U-kIk-NdXSI>

[http://www.nacsonline.com/News/Daily/Documents/2014/ND0811141\\_NACSEcigCommentstoFDA.pdf](http://www.nacsonline.com/News/Daily/Documents/2014/ND0811141_NACSEcigCommentstoFDA.pdf)

“Vape” and “vaping” added to Oxford Dictionaries

<http://abcnews.go.com/Entertainment/wireStory/vape-binge-watch-added-oxford-dictionaries-24971501>

ACSH: Big Tobacco reports declines in cigarettes sold across the board

<http://acsh.org/2014/08/big-tobacco-reports-declines-cigarettes-sold-across-board/>

Tank and e-liquid sales increase significantly, as sales of cigalikes slightly increase

<http://www.cspnet.com/category-news/tobacco/articles/vapor-trends-watch>

<http://www.cspnet.com/print/csp-magazine/article/nato-show-2014-shifts-and-starts>

<http://www.bdlive.co.za/life/health/2014/08/04/e-cigarette-sales-tanking-under-cloud-of-patents>

<http://www.businessweek.com/news/2014-08-18/imperial-s-cooper-to-be-blu-even-as-e-cigarette-sales-lag>

<http://www.reuters.com/article/2014/08/01/tobacco-ecigarettes-idUSL2N0Q529P20140801>

Jesse Kline: “Second-hand vapour” is no threat

<http://fullcomment.nationalpost.com/2014/08/16/jesse-kline-second-hand-vapour-is-no-threat/>

New survey of 20,000+ Americans finds 5.7 million regularly use e-cigs; Among adults who used a “smoking cessation drug” in the past 12 months, 57% used e-cigarettes, 39% used a prescription drug (Chantix or Wellbutrin) and 39% used OTC nicotine gums, lozenges or patches.

<http://pages.kantarmediahealthsurvey.com/Impact-of-Electronic-Cigarettes.html>

<http://time.com/3103691/e-cigs-are-smokers-favorite-quitting-tool/>

<http://www.nydailynews.com/life-style/health/smokers-quit-reach-e-cigarettes-survey-article-1.1902493#ixzz3AN96j2GT>

<http://acsh.org/2014/08/new-survey-says-e-cigsvapor-products-becoming-even-popular-quitters/>

Survey of 128 NC doctors finds 67% think e-cigs helpful for smoking cessation, 35% recommend them to patients who smoke, but study’s authors oppose e-cigs and endorse FDA regulation

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0103462#close>

[http://www.journalnow.com/news/local/more-studies-examine-e-cig-risk/article\\_f311e415-e456-5a31-8916-438314b62d1d.html](http://www.journalnow.com/news/local/more-studies-examine-e-cig-risk/article_f311e415-e456-5a31-8916-438314b62d1d.html)

<http://www.bizjournals.com/charlotte/blog/health-care/2014/08/studyn-c-docs-recommend-e-cigs-to-stop-smoking.html>

<http://rodutobaccotruth.blogspot.com/2014/08/north-carolina-physicians-endorse-e.html>

<http://acsh.org/2014/08/survey-n-car-docs-finds-suggest-e-cigs-recalcitrant-smokers-support-use-quitting/>

Farsalinos and Pelosa delineate misrepresentations of e-cig survey data by Glantz and Dutra in letter published by JAMA Pediatrics.

<http://archpedi.jamanetwork.com/article.aspx?articleid=1890731>

<http://www.liaf-onlus.org/docs/eng-polosa-farsalinos-us-adolescents.pdf>

Brad Rodu – The tide is turning: More scientific support for e-cigarettes

<http://rodutobaccotruth.blogspot.com/2014/07/the-tide-is-turning-more-scientific.html>

Mike Siegel: The E-Cigarette Gateway Myth

<http://online.wsj.com/articles/michael-b-siegel-the-e-cigarette-gateway-myth-1407283557>

<http://tobaccoanalysis.blogspot.com/2014/08/wall-street-journal-op-ed-debunks-e.html?m=1>

Konstantinos Farsalinos critiques deeply flawed fear mongering e-cig vapor article published by ASHRAE claiming e-cig vapor harms nonusers

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/174-ashrae>

Bill Godshall - Another view: The Pros of Electronic Cigarettes

<http://www.physiciansnews.com/2014/08/19/another-view-the-pros-of-electronic-cigarettes/>



Mike Siegel: E-cigarette opponents continue to misrepresent the science to support their positions

<http://tobaccoanalysis.blogspot.com/2014/07/electronic-cigarette-opponents-continue.html>

All Gates Lead to Smoking: the 'gateway theory', e-cigarettes and remaking of nicotine (details evolution of unscientific "gateway theory" that is intended to deceive and scare)

<http://www.sciencedirect.com/science/article/pii/S0277953614005334>

Consistent with other surveys, CDC 2013 National Youth Tobacco Survey (NYTS) finds:

- .4%, .8%, .9% of never smokers reported "ever use" of an e-cig in 2011, 2012, 2013,
- "ever smokers" were 22 times more likely than "never smokers" to have "ever used" an e-cig (20.2% vs .9%),
- "ever smokers" were 23 times more likely than "never smokers" to have tried an e-cig in "past-30-days" (6.9% vs .3%), and
- cigarette smoking rates further declined to record lows in 2013.

<http://antithrlies.files.wordpress.com/2014/08/intentions-to-smoke-cigarettes-among-never-smoking-u-s.pdf> (full text of CDC study in N&TR)

<http://ntr.oxfordjournals.org/content/early/2014/08/18/ntr.ntu166.abstract?sid=2410f53a-ff87-4037-aaba-d35eeb220fcf>

<http://www.ncbi.nlm.nih.gov/pubmed/25143298>

But CDC commits public health malpractice by deceitfully withholding smoking data from its study, highlighting falsified "intention to smoke" data, touting falsified estimates of e-cig use, and failing to mention key e-cig experimentation data (cited above) in study's abstract and press release.

CDC press release lies about NYTS e-cig data, headline falsely claims "More than a quarter-million youth who had never smoked a cigarette used e-cigarettes in 2013", press release touts falsified "intention to smoke" data to deceitfully imply e-cigs are addicting nonsmoking youth (despite no evidence that any nonsmoker has become a daily e-cig user) and are gateways to smoking (despite no evidence that e-cig use preceded daily smoking) to deceive and scare public and to lobby for FDA deeming regulation that would ban >99.9% of e-cigs and give e-cig industry to Big Tobacco.

<http://www.cdc.gov/media/releases/2014/p0825-e-cigarettes.html>

Carl Phillips: CDC refines their lies about kids and e-cigarettes

<http://antithrlies.com/2014/08/26/cdc-refines-their-lies-about-kids-and-e-cigarettes/>

Brad Rodu: In the CDC-FDA e-cigarette study, "probably not" is the new "yes"

<http://rodutobaccotruth.blogspot.com/2014/08/in-cdc-fda-e-cigarette-study-probably.html>

Carl Phillips - CDC press release about e-cigarettes: blatant lying by government officials

<http://antithrlies.com/2014/08/27/cdc-press-release-about-e-cigarettes-blatant-lying-by-government-officials/>

News media tout CDC's lies about e-cigs and youth as facts, fail to do any fact checking.

<http://www.washingtonpost.com/news/to-your-health/wp/2014/08/25/adolescents-who-use-e-cigarettes-are-much-more-likely-to-try-tobacco-cdc-says/>

<http://thehill.com/policy/healthcare/215883-cdc-kids-jumping-right-to-e-cigarettes>

<http://health.usnews.com/health-news/articles/2014/08/25/number-of-young-non-smokers-who-tried-e-cigs-tripled-in-2-years>  
<http://live.wsj.com/video/e-cigarette-use-triples-among-the-youth-2014-08-27-121155247/272CFF3B-63CF-4820-B5CF-02824911C4EF.html#!272CFF3B-63CF-4820-B5CF-02824911C4EF>  
<http://www.foxnews.com/health/2014/08/26/cdc-e-cigarettes-may-be-tempting-non-smoking-youths-to-smoke/>  
<http://www.usatoday.com/story/opinion/2014/08/26/e-cigarette-minors-fda-rules-tellusatoday-your-say/14655785/>  
<http://uk.reuters.com/article/2014/08/25/us-usa-health-ecigarettes-idUKKBN0GP1KS20140825>  
<http://stlouis.cbslocal.com/2014/08/27/study-electronic-cigarette-use-up-60-percent-among-middle-high-schoolers/>  
<http://gawker.com/cdc-study-teens-love-e-cigs-1626572345>  
<http://newsok.com/oklahoma-health-officials-worry-e-cigarettes-may-lead-youth-to-cigarette-smoking/article/5335618>  
<http://thinkprogress.org/health/2014/08/26/3475723/e-cigarette-study-teen-smokers/>

Gregory Conley: E-cigarettes are not a ‘gateway,’ they help smokers quit

<http://pamplinmedia.com/ht/118-hillsboro-tribune-opinion/230989-94125-e-cigarettes-are-not-a-gateway-they-help-smokers-quit>

Gregory Conley: Public Health Officials Should Embrace E-Cigarettes

<http://dailycaller.com/2014/08/20/public-health-officials-should-embrace-e-cigarettes/#ixzz3B27yZErU>

Daniel Sarewitz: Allow use of electronic cigarettes to assess risk

[http://www.nature.com/news/allow-use-of-electronic-cigarettes-to-assess-risk-1.15766?WT.ec\\_id=NATURE-20140828](http://www.nature.com/news/allow-use-of-electronic-cigarettes-to-assess-risk-1.15766?WT.ec_id=NATURE-20140828)

Big Pharma and FDA funded American Heart Association keeps protecting cigarettes, issues new e-cig policy statement that repeats dozens of false and misleading fear mongering claims, grossly misrepresents scientific and empirical evidence, reaffirms AHA’s Big Pharma protection policies to impose FDA Deeming Regulation (that would ban >99.9% of e-cigs and give e-cig industry to Big Tobacco), ban flavorings, ban most advertising and marketing to adults, and ban vaping everywhere smoking is banned. AHA policy also endorses taxing e-cigs, redefining e-cigs as tobacco products at state level to impose unwarranted taxes and regulations, urging vapers to quit vaping by using ineffective and less than safe FDA approved products, and endorsing e-cig use by smokers only after FDA approved cessation drugs fail (which occurs >90% of the time).  
<http://circ.ahajournals.org/content/early/2014/08/22/CIR.000000000000107.full.pdf+html?sid=45c15d1b-327b-48f0-8f85-75ee57545a6f>

AHA e-cig policy statement also falsely claims to support laws banning e-cig sales to minors (as CTFK/ACS/AHA/ALA opposed bills to ban e-cig sales to minors in AZ, OK, RI, OH, FL, MI, MO & PA), and fails to ethically disclose AHA’s Big Pharma and FDA funding conflicts of interests (while claiming to “avoid any actual or potential conflicts of interest” among the 14 authors, most of whom also have blatant conflicts of interest).

AP headline touts AHA’s endorsement of e-cigs for smokers if FDA drugs fail, article repeats false and misleading fear mongering claims about e-cigs; Godshall comments.

<http://bigstory.ap.org/article/heart-group-e-cigarettes-might-help-smokers-quit>

More news stories repeat AHA’s e-cig lies and propaganda with little or no fact checking

<http://www.usatoday.com/story/news/nation/2014/08/25/electronic-cigarette-statement/14450967/>  
<http://health.usnews.com/health-news/articles/2014/08/25/e-cigarettes-should-be-regulated-like-tobacco-american-heart-association>  
[http://www.cleveland.com/healthfit/index.ssf/2014/08/heart\\_group\\_weighs\\_in\\_on\\_e-cig.html](http://www.cleveland.com/healthfit/index.ssf/2014/08/heart_group_weighs_in_on_e-cig.html)  
<http://thehill.com/regulation/healthcare/215884-e-cigs-stoke-second-hand-smoke-angst#ixzz3BVSSeASG>  
<http://www.pbs.org/newshour/rundown/e-cigarettes-option-curb-smoking-american-heart-association-says-yes/>  
<http://www.cbsnews.com/news/who-aha-health-reports-oppose-e-cigarettes/>  
<http://www.hngn.com/articles/40123/20140825/e-cigarettes-containing-nicotine-regulated-tobacco-items-aha.htm>  
<http://www.healthline.com/health-news/aha-recommends-regulating-e-cigs-082414>  
<http://associationsnow.com/2014/08/heart-association-cancer-society-see-e-cigarettes-last-resort/>  
<http://www.medicalnewstoday.com/articles/281445.php>  
<http://www.techtimes.com/articles/13997/20140825/rise-in-e-cigarettes-sparks-concern-for-teens-picking-up-the-habit.htm>  
<http://www.forbes.com/sites/larryhusten/2014/08/25/rise-in-popularity-of-e-cigarettes-sparks-concerns-and-recommendations/>

Connecticut Senate Democrats repeat false and misleading fear mongering claims about safety of e-liquid, which has never poisoned anyone, which tastes terrible, and which induces vomiting (if swallowed) that prevents poisoning; Godshall replies.

<http://www.nhregister.com/health/20140819/connecticut-senate-democrats-demand-liquid-nicotine-rules>

Big Tobacco's e-cigarette push gets a reality check; Vape shops pose threat amid sales shift away from convenience stores

<http://online.wsj.com/articles/big-tobaccos-e-cig-push-gets-a-reality-check-1409078319>

<http://www.marketwatch.com/story/big-tobaccos-e-cig-push-gets-a-reality-check-2014-08-26-154855951>

Looking deeper into Nielsen's e-cig data

<http://www.cspnet.com/category-news/tobacco/articles/looking-deeper-nielsen-s-e-cig-data>

Big Pharma funded e-cig prohibitionist Ken Wassum urges employers to ban vaping, fails to ethically disclose his huge financial conflicts of interest

<http://www.hreonline.com/HRE/view/story.jhtml?id=534357474>

September 2014

Electronic cigarettes: Fact and Fiction

Robert West & Jamie Brown, British Journal of General Practice

<http://bjgp.org/content/64/626/442.full>

Royal Society for Public Health says e-cigs are “significantly less harmful than smoked tobacco, and despite some products being visually similar to cigarettes, they are essentially nicotine containing products, like patches and gum,” urges renaming of e-cigs as “nicotine sticks.”

<http://www.theguardian.com/society/2014/aug/29/e-cigarettes-nicotine-sticks-curb-appeal>

Reynolds American urges FDA to impose deeming regulation on e-cigs, ban all e-liquid and open tank components (i.e. >99% of vapor products) to protect/promote sales of Reynolds' cigarettes and Vuse cigalike

<http://www.regulations.gov/#!documentDetail;D=FDA-2014-N-0189-76048>

Carl Phillips: FDA is complicit in CDC's lies; grossly inappropriate behavior for a regulator

<http://antithrlies.com/2014/08/28/fda-is-complicit-in-cdcs-lies-grossly-inappropriate-behavior-for-a-regulator/>

American Vaping Association takes issue with CDC's report on teen smoking

<http://www.dailypress.com/health/health-notes-blog/dp-health-notes-american-vaping-association-takes-issue-with-cdcs-report-on-teen-smoking-20140902,0,1110859.story>

Coauthor (Shanta Dube) of false and misleading CDC/FDA article on e-cigs repeats false fear mongering claims

[http://www.business-standard.com/article/news-ani/young-e-cig-users-crave-regular-cigarettes-more-114090100511\\_1.html](http://www.business-standard.com/article/news-ani/young-e-cig-users-crave-regular-cigarettes-more-114090100511_1.html)

DHHS Secretary Burwell applauds CVS for ending tobacco (and e-cig) sales, falsely claims CVS decision "will have an impact in bringing our country closer to achieving a tobacco-free generation" (as CVS consumers will simply go to other retailers), moralizes by advocating curtailing "tobacco use" instead of reducing "cigarette diseases".

<http://www.hhs.gov/news/press/2014pres/09/20140903a.html>

Study finds diacetyl (DA) and acetyl propionyl (AP) in many sweet flavored e-liquid samples, with median daily exposure levels (3mls) 100 and 10 times lower than cigarette smoke respectively, and lower than NIOSH occupational limits. Nearly half of samples containing DA and AP exposed users to slightly higher levels than NIOSH limits; authors urge e-liquid manufacturers to eliminate DA and AP from sweet flavored e-liquids.

<http://ntr.oxfordjournals.org/content/early/2014/08/30/ntr.ntu176.short?rss=1>

Yet another study finds e-cig vapor contains exponentially fewer constituents than cigarette smoke, but authors misrepresent findings to scare public and promote FDA regulations that would ban >99.9% of e-cigs and give industry to Big Tobacco

<http://pubs.rsc.org/en/content/articlelanding/2014/em/c4em00415a#!divAbstract>

<http://www.medicaldaily.com/e-cigarettes-emit-levels-nickel-and-chromium-4-times-higher-tobacco-smoke-300704>

<http://www.care2.com/causes/should-non-smokers-worry-about-secondhand-e-cigarette-smoke.html>

<http://www.redorbit.com/news/health/1113224286/e-cigarette-smoke-contains-toxic-metals-090214/>

<http://www.forbes.com/sites/jasperhamill/2014/08/31/the-health-claims-of-e-cigarettes-are-going-up-in-smoke/>

Hajek and Connelly comment on new study finding very few constituents in e-cig vapor

<http://consumer.healthday.com/cancer-information-5/smoking-cessation-news-628/e-cigarette-vapor-may-harbor-fewer-toxins-than-tobacco-smoke-study-691326.html>

Article in Addiction corrects and disproves first nine statements of a 2013 report commissioned by WHO e-cig prohibitionists (and published by AHA e-cig prohibitionists) written by FDA/NIH funded UCSF propagandists that grossly misrepresented and misinterpreted the scientific and empirical evidence on e-cigs and public health.

WHO commissioned report on e-cigarettes misleading, say experts

<http://www.addictionjournal.org/press-releases/who-commissioned-report-on-e-cigarettes-misleading-say-experts>

A critique of a WHO-commissioned report and associated article on electronic cigarettes

<http://onlinelibrary.wiley.com/doi/10.1111/add.12730/abstract>

E-cigarette criticisms ‘alarmist’ say researchers; Robert West criticizes WHO’s call for vaping bans, estimates e-cigs could prevent 54,000 of 60,000 smoking attributable deaths annually in the UK if all smokers switched

<http://www.bbc.com/news/health-29061169>

E-Cigarette Debate: 12 minute BBC radio debate between public health advocate Robert West (who tells the truth about e-cigs) versus prohibitionist/propagandist John Ashton (who falsely claimed CDC data found that e-cigs are gateways to cigarettes for youth, and who repeated many other false fear mongering claims about e-cigs).

<http://www.bbc.co.uk/programmes/p025jh48>

Clive Bates - The Pharmaceutical Journal

Stop demonizing a potentially useful product for smokers

Compulsory regulation of electronic cigarettes could spoil a safe substitute for smoking.

<http://www.pharmaceutical-journal.com/opinion/stop-demonising-a-potentially-useful-product-for-smokers/20066415.fullarticle>

Patrick West: E-cigs: one of the greatest inventions ever

<http://www.spiked-online.com/newsite/article/e-cigs-one-of-the-greatest-inventions-ever/15764#.VBIHRMVdXSk>

2012 Tax Burden on Tobacco delineates sharp US cigarette consumption decline in past 4 decades (including sharp decline since 2009 when e-cigarette sales began to skyrocket) and sharp increase in cigarette and OTP taxation in past 2 decades

[http://www.taxadmin.org/fta/tobacco/papers/Tax\\_Burden\\_2012.pdf](http://www.taxadmin.org/fta/tobacco/papers/Tax_Burden_2012.pdf)

Watch the US quit smoking over 40 years (rapidly changing 50 state map)

<http://www.washingtonpost.com/blogs/govbeat/wp/2014/09/08/watch-the-u-s-quit-smoking-over-40-years/>

Smokefree Pennsylvania’s comment analyzes virtually all published research on e-cigarettes, exposes dozens of false and misleading fear mongering claims about e-cigarettes by Obama’s DHHS and many DHHS funding recipients, urges FDA to rescind its proposed Deeming Regulation (because it would protect cigarettes and threaten the lives of all vapers and smokers by banning >99.9% of e-cigs, and by giving the e-cig industry to Big Tobacco)

<http://www.regulations.gov/#!documentDetail;D=FDA-2014-N-0189-80846>

Altria now selling MarkTen cigalike e-cigs in 60,000 tobacco retail stores, to begin selling in eastern US in October

[http://www.timesdispatch.com/business/tobacco-industry/altria-expects-sales-of-e-cig-brand-in-eastern-u/article\\_8a6d7299-eea7-5ba7-a1e8-d674e01391bf.html](http://www.timesdispatch.com/business/tobacco-industry/altria-expects-sales-of-e-cig-brand-in-eastern-u/article_8a6d7299-eea7-5ba7-a1e8-d674e01391bf.html)

Unhelpful studies cloud the issue of ‘vaping’

<http://www.digitaljournal.com/life/health/unhelpful-studies-cloud-the-issue-of-vaping/article/401152#ixzz3CLxi7ebE>

Neil McKeganey: How anti-tobacco researchers cook the evidence

<http://www.spiked-online.com/newsite/article/how-anti-tobacco-researchers-cook-the-evidence/15765>

Columbia University professors’ press release falsely claim their NEJM study found e-cigs are gateways to cocaine; but study never evaluated e-cigs, and instead touted inapplicable studies on mice that were forced to consume nicotine and then cocaine

<http://www.medicaldaily.com/e-cigarettes-are-gateway-drug-scientists-say-nicotine-activates-addiction-trigger-brain-300920>

<http://medicalxpress.com/news/2014-09-e-cigarettes-illicit-drug-addiction.html>

CASAA press release criticizes NEJM press release and NEJM junk science article falsely claiming e-cigs are gateways to cocaine addiction

[https://docs.google.com/document/d/1R\\_XsC0kOg5e1rXKztYt3ANbGPHC1pq6-xJSVB-EUgmg/edit?pli=1](https://docs.google.com/document/d/1R_XsC0kOg5e1rXKztYt3ANbGPHC1pq6-xJSVB-EUgmg/edit?pli=1)

Brad Rodu: NEJM irresponsibly damns e-cigarettes as gateway to cocaine, based on mouse nicotine studies

<http://rodutobaccotruth.blogspot.com/2014/09/nejm-irresponsibly-damns-e-cigarettes.html>

Carl Phillips – Kandel, Kandel, and NEJM: flogging the gateway hypothesis to attack e-cigarettes

<http://antithrlies.com/2014/09/04/kandel-kandel-and-nejm/>

Konstantinos Farsalinos comments on NEJM paper and press release alleging e-cigs are gateways to cocaine.

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/179-coc>

E-cig prohibitionists and propagandists falsely claim e-cigs are poisoning children. In fact, there has never been a confirmed case of nicotine poisoning via ingestion, swallowing e-liquid induces vomiting that prevents poisoning, and the only known case of nicotine poisoning occurred via IV injection to commit suicide).

<http://tobaccocontrol.bmj.com/content/early/2014/09/08/tobaccocontrol-2014-051779.extract?paperoc>

<http://adc.bmj.com/content/early/2014/07/24/archdischild-2014-306750>

<http://www.bbc.com/news/health-29110245>

US NIH publishes grossly bias article by Carrie Arnold that fails to cite any benefits of e-cigs, while quoting fear mongering claims by e-cig opponents and touting hypothetical, negligible and disproven risks to confuse and scare readers.

<http://ehp.niehs.nih.gov/122-A244/>

Utah Health Dept survey finds youth cigarette smoking declined from 5.2% to 3.9% and that youth smokers were exponentially more likely than nonsmokers to report past month e-cig use, but Health Dept fails to report drop in youth smoking and falsely insinuates e-cigs are gateways to cigarettes for youth to confuse, scare and lobby for more e-cig bans.

<http://www.sltrib.com/sltrib/news/58374903-78/cigarettes-percent-department-health.html.csp>

<http://www.tobaccofreeutah.org/pdfs/tpcpfy14report.pdf>

<http://www.tobaccofreeutah.org/pdfs/tpcpfy13report.pdf>

Goneiwick and Lee study finds negligible levels of nicotine in exposure chamber after 100 puffs of e-cig vapor was released into chamber, but authors falsely conclude (without any evidence) that negligible levels of nicotine found in thirdhand vapor poses a “risk”.

<http://www.ncbi.nlm.nih.gov/pubmed/25173774>

Carl Phillips: TrANTZlation of Goniewicz and Lee NTR abstract re “thirdhand vapor”

<http://antithrlies.com/2014/09/05/trantzlation-of-goniewicz-and-lee-ntr-abstract-re-thirdhand-vapor/>

Clive Bates: The Bullshit Asymmetry Principle applied

(critiques junk science study of window licking for third hand e-cig vapor residue)

<http://www.clivebates.com/?p=2426>

Saffari et al and Chemistry World’s Harriet Brewerton misrepresent study finding e-cig vapor contains exponentially fewer particles and constituents than cigarette smoke

<http://www.rsc.org/chemistryworld/2014/09/e-cigarette-smoke-nickel-silver>

Health Day’s Cindy Haynes repeats false and misleading fear mongering claims (as factual) by vaping opponents about study’s findings on e-cig vapor

<http://www.boston.com/health/2014/09/08/medical-research-compares-cigarettes-secondhand-smoke/9pnM7PNIxOCK6GOBEQFeI/video.html>

New ASH UK survey of 11-18 year olds finds:

- More than 80% are now aware of e-cigs (up from 70% in 2013),
- 90.1% never used an e-cig,
- 98% of never smokers never tried using an e-cig,
- More than 90% of never smokers and never e-cig users have no intention to use either in the future,
- Ever use of an e-cig increased from 7% in 2013 to 10% in 2014,
- 1.8% reported regular use of e-cigs, and
- 90% of those reporting regular or occasional e-cig use were smokers or exsmokers.

<http://www.ash.org.uk/new-survey-finds-regular-use-of-electronic-cigarettes-by-children-still-rare>

<http://www.independent.co.uk/life-style/health-and-families/health-news/numbers-of-children-using-cigarettes-on-the-rise-9738716.html>

Clive Bates – Memo to public health grandees: vaping, vapers and you

<http://www.clivebates.com/?p=2391>

Joel Nitzkin: The case in favor of e-cigarettes for tobacco harm reduction

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4078589/>

E-cigarettes could ‘save the lives of tens of thousands of smokers,’ claim scientists

<http://www.dailymail.co.uk/health/article-2744775/E-cigarettes-save-lives-tens-thousands-smokers-claim-scientists.html>

E-cigarettes could save over 50,000 lives in the UK, experts say

<http://www.theguardian.com/society/2014/sep/05/e-cigarettes-could-save-50000-lives-in-uk>

Kevin Hedges: E-cigarette criticisms are alarmist and unfounded

<http://www.digitaljournal.com/life/health/op-ed-e-cigarette-criticisms-are-alarmist-and-unfounded/article/401682>

Alexander Chancellor: The war on e-cigarette is enough to make me give up giving up

<http://www.spectator.co.uk/life/long-life/9304412/e-cigarettes-are-designed-to-protect-us-from-smoking-but-they-are-being-stigmatised/>

After claiming all regulations are based on scientific evidence, FDA announces Public Workshop on e-cigs on December 10/11, more than five years after agency banned all e-cigs and began lying about them, and after closing public comment period for deeming regulation (that would ban >99.9% of e-cigs and give e-cig industry to Big Tobacco).

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm414814.htm?>

Altria urges FDA to impose a defacto ban on all “open tank systems” and “e-liquids” that are sold separately to consumers by urging FDA to:

- to “require manufacturers of non-tobacco components and parts that are sold directly to consumers to be subject to . . . premarket authorization requirements” and other FSPTCA requirements,

- to “apply premarket authorization and constituent reporting requirements to manufacturers of empty “tanks”, “tank systems”, and other e-vapor components intended for distribution or sale directly to consumers . . . in a way that accounts for each probable combination of tobacco-derived nicotine-containing liquid and each such “tank” or “tank system” and the aerosols produced by such combinations.”

- to analyze “the interaction between a particular liquid and any empty “tank” or “tank system” and any liquid which could be used therein.”

- define “finished tobacco product” to differentiate “components, parts or raw materials” from tobacco products that are ready for human consumption,

- to define “component and part” as any “raw material, additive, substance, piece, item, unit, section, assembly, or sub-assembly that is intended for incorporation into a finished tobacco product, ”

<http://www.regulations.gov/#!documentDetail;D=FDA-2014-N-0189-79881>

Lorillard calls for ban on vapor rivals

<http://www.nasdaq.com/article/lorillard-calls-for-ban-on-vapor-rivals-cm389558>

Reynolds American wants FDA to ban vapor e-cigs

[http://www.journalnow.com/business/business\\_news/local/big-tobacco-makers-want-fda-to-ban-vapor-e-cigs/article\\_77b131f5-540d-5f02-927c-733bac751529.html](http://www.journalnow.com/business/business_news/local/big-tobacco-makers-want-fda-to-ban-vapor-e-cigs/article_77b131f5-540d-5f02-927c-733bac751529.html)

Why Reynolds is lobbying for more regulation of e-cigs

<http://www.fool.com/investing/general/2014/09/17/why-a-major-e-cigarette-company-is-lobbying-for-mo.aspx#ixzz3DftZojjes>



Many local health departments send nearly identical comments and list of references (as NACCHO template) to FDA urging agency to impose deeming regulation on e-cigs, repeat many false and misleading claims about lifesaving e-cigs.

NACCHO

<http://www.regulations.gov#!documentDetail;D=FDA-2014-N-0189-79654>

San Francisco (CA)

<http://www.regulations.gov#!documentDetail;D=FDA-2014-N-0189-75321>

Linn County (IA)

<http://www.regulations.gov#!documentDetail;D=FDA-2014-N-0189-75321>

Independence (MO)

<http://www.regulations.gov#!documentDetail;D=FDA-2014-N-0189-75941>

Three Rivers (no state cited)

<http://www.regulations.gov#!documentDetail;D=FDA-2014-N-0189-75710>

New York City adult smoking rate increases three consecutive years (from 14% in 2010 to 16.1% in 2013) as former Mayor Bloomberg and City Council focused on banning sales of flavored OTP, demonizing and banning vaping indoors, banning smoking and vaping outdoors, and promoting and subsidizing ineffective and less than safe FDA approved “tobacco treatment” drugs; City officials and former officials blame smoking increase on budget cuts, Godshall comments on WSJ and Gothamist articles.

<http://online.wsj.com/articles/new-york-citys-adult-smoking-rate-climbs-1410812653>

[http://gothamist.com/2014/09/15/smoking\\_rate\\_in\\_nyc\\_jumps\\_to\\_2007\\_1.php](http://gothamist.com/2014/09/15/smoking_rate_in_nyc_jumps_to_2007_1.php)

<http://observer.com/2014/09/bloomberg-era-reforms-havent-stopped-new-yorkers-from-smoking/>

ACSH: Number of smokers in NYC surpasses one million

<http://acsh.org/2014/09/number-smokers-nyc-surpasses-one-million/>

National Center for Public Policy Research criticizes Michael Bloomberg’s policies and programs to reduce smoking after

[http://www.nationalcenter.org/PR-Bloomberg\\_Smoking\\_091614.html](http://www.nationalcenter.org/PR-Bloomberg_Smoking_091614.html)

Jacob Sullum: Alarmed at increase in smoking, New York regulators resist a much safer alternative

<http://reason.com/blog/2014/09/16/alarmed-at-increase-in-smoking-new-york>

CDC survey confirms that virtually all e-cigarette use in US has been by smokers and exsmokers (most of whom quit smoking with e-cigs), disproves false fear mongering claims by CDC, FDA and others that e-cigs are addicting nonsmokers, appeal to youth, are target marketed to youth, are gateways to smoking, and renormalize smoking.

Specifically, the CDC survey on e-cig use by US adults found:

- “ever use” by current smokers increased from 9.8% in 2010 to 36.5% in 2013,
- “ever use” by former smokers increased from 2.5% in 2010 to 9.6% in 2013,
- “ever use” by never smokers decreased from 1.3% in 2010 to 1.2% in 2013,
- “ever use” by 18-24 year olds did NOT increase from 2010 to 2013,
- “past 30 day use” by current smokers increased from 4.9% in 2010/11 to 9.4% in 2012/13 (note that CDC only reported two year averages for “past 30 day” e-cig use),
- “past 30 day use” by former smokers increased from 1.0% in 2010/11 to 1.3% in 2012/13,

- “past 30 day use” by never smokers decreased from .2% in 2010/11 to “suppressed due to relative standard error >40%” in 2012/13,
- in 2013, current smokers were 54.7 times more likely than never smokers to have used an e-cig in “past 30 days” (increasing from 25.8 times more likely in 2010), and
- in 2012/13, current smokers were 73.1 times more likely than never smokers to have reported “ever use” of an e-cig (increasing from 10.5 times more likely in 2010/11).

<http://ntr.oxfordjournals.org/content/early/2014/09/25/ntr.ntu191.abstract>

CDC’s Brian King says its “a positive note” that more smokers aren’t using e-cigs, AP article grossly misrepresents new CDC e-cig survey findings, reporter only interviewed e-cig prohibitionists and propagandists who misrepresented the survey’s findings

<http://news.yahoo.com/trend-trying-e-cigarettes-may-leveling-off-205630777.html>

Mike Siegel: CDC rejoices that fewer smokers are trying to quit

<http://tobaccoanalysis.blogspot.com/2014/09/cdc-rejoices-that-fewer-smokers-are.html>

Brad Rodu: New England Journal of Medicine downplays its error in exaggerating youth e-cigarette data

<http://rodutobaccotruth.blogspot.com/2014/09/new-england-journal-of-medicine.html>

Wells Fargo’s Bonnie Herzog now estimates 2014 US sales of mods/e-liquids at \$1.5 Billion and sales of cigalike e-cigs at \$1 Billion (compared to Herzog’s May estimate of mods/e-liquids at \$1.1 Billion and cigalikes at \$1.4 Billion), explains why Big Tobacco companies, NACS, and some large cigalike companies want FDA to impose deeming regulation that would ban sales of all mods and e-liquids (which are far more effective for quitting smoking and reducing cigarette consumption than cigalikes).

<http://www.e-cigarette-forum.com/forum/media-general-news/605582-herzog-now-estimates-mods-e-liquid-sales-up-1-5-billion-cigalike-sales-down-1-billion-us-year.html#post14184840>

Wells Fargo reports 3.5% decline in cigarette volume/consumption at US convenience stores in second quarter of 2014

<http://www.cspnet.com/category-data/tobacco-data/report/cigarette-sales-volume-drops-35-c-stores-q2-2014>

CDC announces \$212 million in grants to all 50 states to purportedly reduce chronic diseases, but CDC press release claims funds will be used to reduce “tobacco use” and falsely claims “tobacco use” is “leading preventable cause of death”. Thus, funds are likely to be spent protecting cigarettes by demonizing e-cigs and smokeless tobacco and by lobbying for e-cig and smokeless tobacco usage bans and marketing restrictions (just as state and local health departments unlawfully spent previous CDC grant funds).

<http://www.hhs.gov/news/press/2014pres/09/20140925a.html?>  
<http://www.cdc.gov/chronicdisease/about/2014-foa-awards.htm>

Big Pharma funded ACS publishes and publicizes junk science study claiming e-cigs don’t help cancer patients quit smoking (as study excluded those who had already quit smoking with e-cigs, and only included e-cigs users who didn’t/couldn’t quit smoking)

<http://onlinelibrary.wiley.com/enhanced/doi/10.1002/cncr.28811/>  
<http://consumer.healthday.com/mental-health-information-25/addiction-news-6/e-cigarettes-don-t-help-cancer-patients-quit-smoking-691869.html>

<http://www.mailonsunday.co.uk/health/article-2764778/E-cigarettes-DON-T-help-cancer-patients-stop-smoking-nicotine-dependent.html>

Robert West and Peter Hajek criticize ACS published and touted study on e-cigs

<http://newsmaine.net/20723-do-e-cigarettes-really-help-quit-smoking>

Junk science study of e-cig use by smoking cancer patients fuels e-cigarette debate

<http://www.reuters.com/article/2014/09/22/us-health-ecigarettes-cancer-idUSKCN0HH0FI20140922>

Mike Siegel: New study claims to have found that e-cigarettes are unhelpful in smoking cessation among cancer patients

<http://tobaccoanalysis.blogspot.com/2014/09/new-study-claims-to-have-found-that-e.html>

E-cig junk scientist, prohibitionist and propagandist Stan Glantz touts WHO policy recommendations for e-cigs (that Glantz lobbied for by misrepresenting evidence) to protect cigarette markets and threaten the lives of hundreds of millions of vapers, smokers and secondhand smokers

<https://tobacco.ucsf.edu/who-report-e-cigarettes>

Big Pharma funded e-cig prohibitionist ALA's Norman Edelman keeps protecting Big Pharma and Big Tobacco profits by lying about e-cigs and nicotine, fails to ethically disclose ALA's huge financial conflicts of interest

<http://www.thedailybeast.com/articles/2014/09/25/e-cigarettes-the-side-effects-nobody-talks-about.html>

Despite no known cases of poisoning by e-cigs, e-cig opponents and news media continue claiming the exact opposite to scare the public, which generates more calls to poison control centers, which generates even more false fear mongering claims.

<http://www.wave3.com/story/26620375/e-cigarettes-spark-increase-in-nicotine-poising-cases-in-children>

<http://www.theglobaldispatch.com/calls-about-e-cigarettes-up-600-washington-poison-center-66536/>

<http://www.myfox28columbus.com/news/features/top-stories/stories/growing-concern-over-kids-ingesting-liquid-nicotine-used-ecigarettes-35236.shtml#.VBs5LkucrBo>

Fear mongering article repeats many false and misleading claims about e-cigs and youth

<http://www.dentonrc.com/local-news/local-news-headlines/20140924-e-cigarettes-draw-minors.ece>

October 2014

Tobacco CEOs Push FDA to Adopt E-Cig Rules More Quickly (to create a Big Tobacco e-cig cartel by banning >99% of e-smaller e-cig competitors)

<http://www.bloomberg.com/news/2014-10-02/tobacco-ceos-urge-fda-to-adopt-e-cig-rules-quickly.html>

Global Tobacco Networking Forum conference (where preceding news story came from) includes many presentations on FDA regulations, THR and vapor products; Most presenters work for Big Tobacco companies, along with several THR/vaping advocates and e-cig companies.

[http://www.gtnf-2014.com/wp-content/uploads/2014/01/V43\\_GTNF2014\\_AgendaFIN.pdf](http://www.gtnf-2014.com/wp-content/uploads/2014/01/V43_GTNF2014_AgendaFIN.pdf)

<http://www.gtnf-2014.com/look-whos-talking/>

Bill Godshall: Why large cigarette company executives want the FDA to quickly impose the deeming regulation on e-cigarettes (\$\$\$)

<http://www.e-cigarette-forum.com/forum/fda-regulations/609835-tobacco-ceos-push-fda-adopt-e-cig-rules-more-quickly.html#post14296391>

Reynolds Calls for Open System Ban (i.e. on premium vaporizers and e-liquids that are less expensive and far more effective for smoking cessation and reducing cigarette consumption than Reynolds' Vuse and other "closed" cigalike e-cig products)

<http://www.cspnet.com/category-news/tobacco/articles/reynolds-calls-open-system-ban>

CDC survey finds "past 30 day" e-cig use by US adults doubled from 3.12 Million users (1.3%) in 2012 to 6.24 Million users (2.6%) in 2013, but study author Brian King falsely told AP reporter(s) that e-cig use "leveled off" from 2012 to 2013; Neither King nor AP has corrected false claims

<http://www.e-cigarette-forum.com/forum/fda-regulations/607777-new-cdc-survey-confirms-e-cig-use-nonsmokers-has-been-virtually-nonexistent-but-misrepresents-survey-findings-news-media.html#post14250191>

<http://news.yahoo.com/trend-trying-e-cigarettes-may-leveling-off-205630777.html>

CDC suppresses most important adult e-cig survey findings (i.e. annual data on "past 30 day use" of e-cigs among current, former and never smokers and by sex, age, race, education, income, and region of US) from published study to deceive, obscure and spin usage trend findings (by combining annual data into two year averages for 2010/11 and 2012/13).

<http://www.e-cigarette-forum.com/forum/fda-regulations/607777-new-cdc-survey-confirms-e-cig-use-nonsmokers-has-been-virtually-nonexistent-but-misrepresents-survey-findings-news-media.html#post14243642>

CDC's adult e-cig survey also found:

- "current smokers" were 54.7 times more likely than "never smokers" to report "past 30 day use" of an e-cig in 2012/13, increasing from 25.8 times more likely in 2010/11,
- "current smokers" were 73.1 times more likely than never smokers to have reported "ever use" of an e-cig, increasing from 10.5 times more likely in 2010/11.

<http://ntr.oxfordjournals.org/content/early/2014/09/25/ntr.ntu191.abstract>

Brad Rodu: CDC sees e-cigarette use at marked increase and leveling off – tortured logic

<http://rodutobaccotruth.blogspot.com/2014/09/cdc-sees-e-cigarette-use-at-marked.html>

2013 CDC NYTS found teen "ever smokers" were 23 times more likely than "never smokers" to report "past 30 day use" of an e-cig (.069/.003 = 23), teen "ever smokers" were 22.4 times more likely than "never smokers" to report "ever use" of an e-cig (.202/.009 = 22.4). In sharp contrast to fear mongering claims, just .3% of teen "never smokers" reported "past 30 day use", and <1% reported "ever use" of an e-cig.

<http://ntr.oxfordjournals.org/content/early/2014/08/18/ntr.ntu166.abstract?sid=2410f53a-ff87-4037-aaba-d35eeb220fcf>

After giving dozens of grants to state and local health departments to unlawfully lobby for tobacco use and vaping bans, CDC awards \$211 million in new grants to agencies and groups to unlawfully lobby for more tobacco use and vaping bans (among other things).

2. “Awardees will use public health strategies to reduce tobacco use and exposure”

3. “They will use public health strategies to reduce tobacco use and exposure”

4. “Awardees will work with smaller communities and those with limited public health capacity to reduce tobacco use and exposure”

5. “Awardees will use effective community-chosen and culturally adapted public health interventions to ... Reduce commercial tobacco use and exposure.”

<http://www.cdc.gov/chronicdisease/about/2014-foa-awards.htm>

CDC once again requests e-cig users who have a cigarette disease to contact CDC (so CDC can falsely insinuate that e-cigs caused the disease)

<http://www.e-cigarette-forum.com/forum/fda-regulations/608566-cdc-once-again-requests-e-cig-users-who-have-cigarette-disease-contact-cdc-so-cdc-can-falsely-insinuate-e-cigs-caused-disease.html>

DHHS gives UCLA \$3 to lobby to ban smoking (and probably vaping) in public housing

<http://mynews1a.com/education/2014/09/30/ucla-recvies-3m-combat-secondhand-smoke-l-apartment-buildings/>

Unethical NCI funded study by FDA funded e-cig prohibitionists at UCSF assess impact of lying to and scaring nonsmokers about the risks of e-cigs and smokeless tobacco, urges FDA to mandate false fear mongering cancer claims and graphic pictures on very low risk smokefree alternatives to confuse, scare and discourage smokers from switching

<http://www.biomedcentral.com/1471-2458/14/997/abstract>

<http://www.biomedcentral.com/content/pdf/1471-2458-14-997.pdf>

Clive Bates: Falsely exaggerating risks scares people off things – new study finds; A promising contender has emerged for the coveted **Worst Published Paper of All Time** award... (critiques unethical UCSF junk science fear mongering study on e-cigs)

<http://www.clivebates.com/?p=2418>

Carl Phillips – New public health research: lying to people can affect them (as if they didn't already know)

<http://antithrlies.com/2014/09/26/new-public-health-research-lying-to-people-can-affect-them-as-if-they-didnt-already-know/>

Wells Fargo survey finds huge growth in premium vaporizers and e-liquid sales, declining growth of cigalike e-cigs.

<http://www.cspnet.com/category-news/tobacco/articles/survey-retailers-vapor-less-so-vuse-markten>

Vape business booms as smokers try to quit cigarette through vaping (FL)

<http://www.mainstreet.com/article/vape-business-booms-as-90-of-smokers-try-to-quit-cigarettes-through-vaping>

E-cigarette stores growing in popularity in Milwaukee (WI) as more smokers switch  
<http://wuwm.com/post/e-cigarette-stores-growing-popularity-milwaukee>

NY Times article criticizes tobacco companies for repeating false and misleading fear mongering claims (on e-cig labels) that have been deceitfully reported as facts by Obama's DHHS, by Big Pharma funded e-cig prohibitionists, and by many NY Times articles and editorials. Article fails to report that tobacco companies posted warnings to protect themselves from frivolous lawsuits filed by greedy lawyers and 29 duped State AGs that repeated many of those same false claims when urging FDA to regulate e-cigs.  
<http://mobile.nytimes.com/2014/09/29/business/dire-warnings-by-big-tobacco-on-e-smoking-.html?>  
[http://www.ag.ny.gov/pdfs/FINAL\\_AG\\_FDA\\_Comment\\_Re\\_Deeming\\_Regulations.pdf](http://www.ag.ny.gov/pdfs/FINAL_AG_FDA_Comment_Re_Deeming_Regulations.pdf)

Why big tobacco is playing it safe?  
<http://finance.yahoo.com/blogs/talking-numbers/why-big-tobacco-is-playing-it-safe-190739052.html>

Big Tobacco is cool with scary e-cigarette warnings because nobody reads them anyway  
<http://www.washingtonpost.com/blogs/wonkblog/wp/2014/09/29/big-tobacco-is-cool-with-scary-e-cigarette-warnings-because-no-one-reads-them-anyway/>

Largely due to false and misleading claims by Obama's DHHS, Associated Press reporters and editors deceitfully refer to e-cig prohibitionists as "experts", misrepresent scientific evidence on e-cigs is "inconclusive", criticize virtually all state laws that ban e-cig sales to minors as "skirting" restrictions because they don't also define, regulate and tax e-cigs as tobacco products.  
<http://www.usatoday.com/story/money/business/2014/10/04/loose-e-cigarette-laws-may-be-hard-to-tighten/16725313/>

Univ of CT Carolyn Pennington repeats DHHS' false claims about e-cigs  
<http://medicalxpress.com/news/2014-09-facts-e-cigarette-debate.html>

2014 follow-up survey of 695 smokers (in 2011/12) in Dallas & Indianapolis metro areas (the latter of which banned smoking and vaping in workplaces in 2012) finds:

- smokers who used e-cigs daily (for at least a month) were 6 times more likely to quit smoking than smokers who never vaped or who vaped just once or twice,
- smokers aged 18-30 were 15 times more likely to quit smoking than those aged 50-65,
- smokers with college degree were 8 times more likely quit smoking than those without,
- 23% of 2011/12 smokers have used e-cigs daily for at least a month,
- 29% of 2011/12 smokers have used e-cigs intermittently (i.e. occasionally),
- 18% of 2011/12 smokers have used an e-cig just once or twice, and
- 30% of 2011/12 smokers have never tried using an e-cig.

<http://www.ncbi.nlm.nih.gov/m/pubmed/25301815/>  
<http://ntr.oxfordjournals.org/content/early/2014/10/07/ntr.ntu200.abstract>

VMR highlight Bonnie Herzog's new estimates that sales of PVs (aka Mods, Tanks, Open Systems) and e-liquid have surpassed sales of cigalike e-cigs in US  
<http://www.einpresswire.com/article/225786283/open-system-vaporizers-officially-overtake-e-cigs-top-1-billion-in-sales-for-the-first-time-ever>

Carl Phillips: Random observations about e-cigarette policy, terminology, and relationships  
<http://antithrlies.com/2014/10/05/random-observations-about-e-cigarettes/>

CASAA's Carl Phillips sends comments to BMC Public Health criticizing unethical junk science study conducted by NCI and FDA funded UCSF e-cig opponents, peer reviewed by conflicted CDC staff, and published by BMC Public Health  
[https://docs.google.com/document/d/1GW5VkerMWyTOARRVLgwp73Ed-gFORp\\_10PpvODS1R2g/edit?pli=1](https://docs.google.com/document/d/1GW5VkerMWyTOARRVLgwp73Ed-gFORp_10PpvODS1R2g/edit?pli=1)

Brad Rodu – More Third-Hand Nicotine Nonsense: From Vapor?  
[http://rodutobaccotruth.blogspot.com/2014/10/more-third-hand-nicotine-nonsense-from\\_8.html](http://rodutobaccotruth.blogspot.com/2014/10/more-third-hand-nicotine-nonsense-from_8.html)

While negligible levels of nicotine in secondhand smoke (e.g. <1ug/m<sup>3</sup>) and salivary cotinine (e.g. <1ng/ml) pose no risks to nonsmokers, and while trace levels of nicotine remains in homes/workplaces of smokers many months or years after going smokefree,  
<http://tobaccocontrol.bmj.com/content/20/1/e1.abstract>  
junk study authors (including some who campaigned to ban e-cigs in Spain) fail to acknowledge that crucially important information to scare public about far lower nicotine levels in exhaled e-cig vapor (based on measurements in homes of five e-cig users)  
<http://www.sciencedirect.com/science/article/pii/S0013935114003089>

Konstantinos Farsalinos: Nicotine absorbed from “passive vaping” is minimal and with no health implications  
<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/184-passive-vape>

Despite the fact that nobody has ever been poisoned by e-cigs or e-liquid, AP article repeats false accusations without any fact checking  
<http://www.sfgate.com/nation/article/More-kids-poisoned-by-liquid-nicotine-for-5822775.php>

NSDUH finds 15% decline (from 6.6% to 5.6%) in “past month” cigarette smoking by youth (ages 12-17) from 2012-2013, and a 43% decline (from 9.9% to 5.6%) from 2007-2013 (as sales of e-cigs skyrocketed), disproving false claims by CDC's Tom Frieden and others that e-cigs are gateways to cigarette smoking. Cigar use declined 46% (from 4.3% to 2.3%) from 2007-2013 (also in contrast to CDC claims).  
<http://www.samhsa.gov/data/sites/default/files/NSDUHresultsPDFWHTML2013/Web/NSDUHresults2013.pdf> (Figure 4.2 on page 49)

NSDUH finds 3.6% decline (from 22.1% to 21.3%) in “past month” cigarette smoking by Americans aged 12 or older from 2012-2013, and a 12.3% decline (from 24.3% to 21.3%) from 2007-2013 (as e-cig sales skyrocketed), disproving claims that e-cigs renormalize smoking. Cigar use declined 9.6% (from 5.2% to 4.7%) from 2012-2013.

<http://www.samhsa.gov/data/sites/default/files/NSDUHresultsPDFWHTML2013/Web/NSDUHresults2013.pdf> (Figure 4.1 on page 47)

Brad Rodu – Federal survey data on tobacco: It’s not about the children

[http://rodutobaccotruth.blogspot.com/2014/10/federal-survey-data-on-tobacco-its-not\\_16.html](http://rodutobaccotruth.blogspot.com/2014/10/federal-survey-data-on-tobacco-its-not_16.html)

Mike Siegel: New cohort survey study shows that intensive e-cigarette use greatly increases chances of quitting smoking (re: Biener/Hargraves e-cig survey)

<http://tobaccoanalysis.blogspot.com/2014/10/new-cohort-survey-study-shows-that.html>

Mike Siegel: New research suggests that anti smoking groups’ propaganda about e-cigarettes’ harms is causing tragic consequences (re: Biener/Hargraves e-cig survey)

<http://tobaccoanalysis.blogspot.com/2014/10/new-research-suggests-that-anti-smoking.html>

2013/14 survey of Polish teens (ages 15-19) finds:

- cigarette smokers were times 28 times more likely than never smokers (57.4% vs 2%) to report “past month” use of an e-cig,
- cigarette smokers accounted for 72.4% of “past month” e-cig users,
- former smokers accounted 20.8% of “past month” e-cig users,
- never smokers accounted for just 6.8% of “past month” e-cig users (aka experimenters),
- 38% of participants reported “past month” cigarette smoking, and
- 29.9% of participants reported “past month” use of an e-cig.

[http://www.jahonline.org/article/S1054-139X\(14\)00310-3/fulltext](http://www.jahonline.org/article/S1054-139X(14)00310-3/fulltext)

But study authors failed to report (in their study and press release) the huge differences in “past month” e-cig use between smokers and never smokers, and instead inappropriately compared the 2013/14 survey data (from schools with high smoking rates) to data from a 2010/11 survey (from schools with lower smoking rates) to falsely conclude and claim that smoking rates had sharply increased and that e-cigs weren’t replacing cigarettes.

<http://www.prweb.com/releases/2014/10/prweb12264283.htm> (press release)

The journal editors invited a commentary by FDA funded UCSF e-cig researchers who also misrepresented the study’s findings (and many others), but whose Table 1 data (not cited in the published study or press release) revealed that the study actually found:

- smokers were 28 times more likely than never smokers to report “past month” e-cig use,
- never smokers accounted for just 6.8% of those reporting “past month” e-cig users,
- just 2% of never smokers reporting “past month” e-cig use, and that
- no survey has found >2% of never smokers reporting “past month” e-cig use.

[http://www.jahonline.org/article/S1054-139X\(14\)00342-5/pdf](http://www.jahonline.org/article/S1054-139X(14)00342-5/pdf)

Importantly, the study’s authors shared the most important survey data with Dutra/Glantz (that contradicted their conclusions, and that wasn’t revealed in the study, in the press release, to peer reviewers, and perhaps to the journal’s editor).

Carl Phillips: Smoking trends don’t show whether ecigs are “working”.

<http://antithrlies.com/2014/10/22/smoking-trends-dont-show-whether-ecigs-are-working-ever-so-quit-it/>



Study finds 94% of e-cig videos on You Tube positively portrayed e-cigs compared to 2% negatively portraying e-cigs, and that pro e-cig videos were watched by more people and rated more favorably (indicating that You Tube posters and viewers know far more about e-cigs than Obama's DHHS, the WHO and Big Pharma shills); but the clueless or deceitful study's authors conclude "It is critical to develop appropriate health campaigns to inform e-cigarette consumers of the potential harms associated with e-cigarette use."  
<http://www.biomedcentral.com/1471-2458/14/1028#B15>

Reynolds American reports 2.9% US cigarette volume decline for RJ Reynolds in 3Q14, 2.3% overall cigarette volume decline, and a 2.9% smokeless tobacco volume increase for American Snuff. Also reports 70,000 retailers sell RJ Reynolds Vapor Company's Vuse, and 8,000 retailers to sell Nicovom's ZONNIC nicotine gum by end of month.  
[http://files.shareholder.com/downloads/RAI/3563571252x0x787440/15826ba8-f32b-4897-9cf6-63847fad5e2/2014-25\\_RAI\\_Strong\\_broad\\_based\\_growth\\_drives\\_3Q14.pdf](http://files.shareholder.com/downloads/RAI/3563571252x0x787440/15826ba8-f32b-4897-9cf6-63847fad5e2/2014-25_RAI_Strong_broad_based_growth_drives_3Q14.pdf)  
<http://online.wsj.com/articles/reynolds-american-profit-rises-as-cigarette-volumes-fall-1413891425>

Lorillard reports 2.1% US cigarette volume decline in 3Q14, 40% decline in blu eEig sales in US (from \$63 million in 3Q13 to \$38 million in 3Q14).  
[http://www.lorillard.com/wp-content/uploads/2014/10/LO\\_Q3-2014-Earnings-Release\\_20141023\\_FINAL.pdf](http://www.lorillard.com/wp-content/uploads/2014/10/LO_Q3-2014-Earnings-Release_20141023_FINAL.pdf)  
<http://online.wsj.com/articles/lorillard-cigarette-volumes-fall-but-higher-prices-lift-sales-1414063778>

PMI reports .4% cigarette volume decline (i.e. 41.2 million pack decline) in 3Q14  
<http://investors.philipmorrisinternational.com/phoenix.zhtml?c=146476&p=irol-eventDetails&EventId=5170307#>

Note that PMI reported the impact of e-cigs on cigarette markets in Italy and Poland. "In Italy, the total cigarette market of 20.1 billion units decreased by 0.1%, mainly reflecting a lower incidence of e-vapor products and continued growth of the low-price segment."

"In Poland, the total cigarette market of 11.3 billion units decreased by 10.8%, reflecting the prevalence of e-cigarettes, illicit trade and non-duty paid OTP products."

<http://www.e-cigarette-forum.com/forum/media-general-news/615968-pmi-cites-e-cigs-reason-10-8-decline-cigarette-consumption-poland-cites-declining-e-cig-sales-reason-1-cigarette-decline-italy.html>

ASCH – Reports from Big Tobacco: sales of cigarettes plummet. Why? They think it's because of "vapor" competition.

<http://acsh.org/2014/10/reports-big-tobacco-sales-cigarettes-plummet-think-vapor-competition/>

Mike Siegel: New research suggests that banning e-cigarette flavors could have tragic consequences

<http://tobaccoanalysis.blogspot.com/2014/10/new-research-suggests-that-banning-e.html>

Hawaii bans vaping in 49 state owned buildings, CDC funded Health Department Director Linda Rosen deceitfully claims "Based on various tests, vapors or aerosols emitted from e-cigarettes contain nicotine and other carcinogens and toxic chemicals that are just as harmful as those in secondhand smoke of regular combustible cigarettes," and "It's important that consumers be aware that e-cigarettes are not healthier than regular cigarettes, for users or those surrounding them."

[http://www.staradvertiser.com/news/breaking/20141013\\_Electronic\\_cigarettes\\_banned\\_in\\_Hawaii\\_state\\_buildings.html](http://www.staradvertiser.com/news/breaking/20141013_Electronic_cigarettes_banned_in_Hawaii_state_buildings.html)

<http://www.staradvertiser.com/s?action=login&f=y>

Junk study defending Chicago's unwarranted vaping ban and CDC funded CDPH's many false fear mongering claims about e-cigs deceitfully claims volunteer grassroots vaping activists were "astroturfing" against the bill via twitter.

<http://www.jmir.org/2014/10/e238/>

CDPH's many false and misleading fear mongering tweets about e-cigs

<http://www.jmir.org/article/downloadSuppFile/3622/18932>

Carl Phillips: ANTZ try to redefine "Astroturf" to mean "anything they don't like"

<http://antithrlies.com/2014/10/17/antz-try-to-redefine-astroturf-to-mean-anything-they-dont-like/>

FDA/NIH funded UCSF junk scientists call for Chinese to impose regulations banning truthful claims and most other e-cig marketing, repeat false fear mongering claims about e-cigs; published by prohibitionist Tobacco Control, whose editor also works at UCSF

<http://tobaccocontrol.bmj.com/content/early/2014/10/21/tobaccocontrol-2014-051840.abstract?papetoc>

Randomized control trial finds second generation e-cigs very effective for smoking cessation and for reducing cigarette consumption

<http://www.mdpi.com/1660-4601/11/11/11220/htm>

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/186-ecigaret>

Study finds no cytotoxicity or genotoxicity in e-liquids, e-cig aerosols, smokeless tobacco extracts or NRT extracts (in sharp contrast to cigarette smoke)

<http://www.mdpi.com/1660-4601/11/11/11325/htm>

ACSH: Yet another study shows absence of e-cigarette toxins

<http://acsh.org/2014/11/11/another-study-shows-absence-e-cigarette-toxins/>

Study finds urine of vapers contains significantly lower levels of toxicant and carcinogen metabolites than urine of cigarette smokers

<http://ntr.oxfordjournals.org/content/early/2014/10/20/ntr.ntu218.abstract?papetoc>

Mike Siegel: Study suggests that telling smokers the truth about electronic cigarettes could enhance smoking cessation

<http://tobaccoanalysis.blogspot.com/2014/10/study-suggests-that-telling-smokers.html>

Kelly Neff: Is everything we know about nicotine wrong?

<http://medcitynews.com/2014/10/public-health-leaders-need-treat-vaping-advocates-respect/>

Brad Rodu – Gateway Claims Aimed at E-Cigarettes: Counterfeit, Deja Vu

<http://rodutobaccotruth.blogspot.com/2014/10/gateway-claims-aimed-at-e-cigarettes.html>

2010/11 survey found a 37.1% smoking rate among Polish students, but same author (DHHS funded Goniewicz) failed to report or discuss that key finding in a new study and press release claiming smoking sharply increased among Polish high school students from 23.9% in 2010/11 to 38% in 2013/14 (and implicating e-cigs for the doubtful increase in smoking)

<http://www.e-cigarette-forum.com/forum/media-general-news/616369-antz-seizes-upon-electronic-cigarette-use-among-teenagers-young-adults-poland-4.html#post14462712>

<http://www.prweb.com/releases/2014/10/prweb12264283.htm>

[http://www.jahonline.org/article/S1054-139X\(14\)00310-3/fulltext](http://www.jahonline.org/article/S1054-139X(14)00310-3/fulltext)

“Among surveyed Polish youths, e-cigarettes were the fourth most common source of nicotine after tobacco cigarettes (37.1%; 95% CI: 36.2–37.9), waterpipes (22.2%; 95% CI: 21.5–23.0), and snuff (16.9%; 95% CI: 16.2–17.5) (Fig 1).”

<http://pediatrics.aappublications.org/content/130/4/e879.full.html>

<http://pediatrics.aappublications.org/content/130/4/e879/T1.expansion.html>

<http://pediatrics.aappublications.org/content/130/4/e879/F1.expansion.html>

2013/14 Goniewicz et al survey of Polish high school students (age 15-19) found that:

- Current smokers were 9.3 times more likely than never smokers (57.3% vs 6.15%) to report past month e-cig use, and former smokers were 3.4 times more likely (21.0% vs 6.15%) (note correction from 10/23/14 THRU).

- Past month e-cig use was reported by 57.3% of current smokers, 21% of former smokers, and 6.15% of never smokers.

- >88% of past month and ever e-cig users were either current smokers or former smokers in both 2010/11 and 2013/14 surveys.

<http://www.e-cigarette-forum.com/forum/media-general-news/616369-antz-seizes-upon-electronic-cigarette-use-among-teenagers-young-adults-poland-4.html#post14484497>

[http://www.jahonline.org/article/S1054-139X\(14\)00310-3/fulltext](http://www.jahonline.org/article/S1054-139X(14)00310-3/fulltext)

[http://www.jahonline.org/article/S1054-139X\(14\)00342-5/pdf](http://www.jahonline.org/article/S1054-139X(14)00342-5/pdf)

But Goniewicz et al conclusion falsely stated that their study “does not support the idea that e-cigarettes are displacing tobacco cigarettes in this population.”

Cigarette consumption sharply declines in Poland in past two years (as e-cigs skyrocket)

<http://www.thenews.pl/1/12/Artykul/181374,Smoking-decline-prompts-lower-excise-revenues>

Polish survey data shows steady decline in smoking rates among all age groups under 60  
[http://www.diagnoza.com/data/report/report\\_2013.pdf](http://www.diagnoza.com/data/report/report_2013.pdf) (page 249)

Clive Bates: Bullying traits and public health values compared  
<http://www.clivebates.com/?p=2412>

Mike Barton: Public health leaders need to work with vaping advocates, not against them  
<http://medcitynews.com/2014/10/public-health-leaders-need-treat-vaping-advocates-respect/>

Jacob Sullum: Marijuana Edibles, Flavored E-Cigarettes, And The Folly Of Child-Proofing The World  
<http://www.forbes.com/sites/jacobsullum/2014/10/23/marijuana-edibles-flavored-e-cigarettes-and-the-folly-of-child-proofing-the-world/>

American Industrial Hygiene Association white paper written by Chicken Little prohibitionists grossly misrepresents the scientific and empirical evidence on vapor products to confuse, scare and lobby for cigarette protecting vaping bans, e-cig sales bans, and FDA deeming regulation.  
[https://www.aiha.org/government-affairs/Documents/Electronic%20Cig%20Document\\_Final.pdf](https://www.aiha.org/government-affairs/Documents/Electronic%20Cig%20Document_Final.pdf)

German Cancer Research Center promotes cancer, misrepresents scientific evidence on e-cigs, calls for regulating lifesaving e-cigs the same as lethal cigarettes (which protects cigarettes and threatens the lives of vapers, smokers and secondhand smokers).  
[http://www.dkfz.de/en/tabakkontrolle/download/AdWfdP\\_Recommendations\\_on\\_the\\_Regulation\\_of\\_Electronic\\_Inhalation\\_Products.pdf](http://www.dkfz.de/en/tabakkontrolle/download/AdWfdP_Recommendations_on_the_Regulation_of_Electronic_Inhalation_Products.pdf)  
<http://www.dkfz.de/en/presse/pressemitteilungen/2014/dkfz-pm-14-49-Everyone-knows-them-and-one-in-five-smokers-tries-them-E-cigarettes-in-Germany.php>

E-cig research review misrepresents many findings, focuses on and exaggerates risks, ignores health benefits, cites conflict of interest for e-cig industry funded studies (but not studies funded and conducted by e-cig prohibitionists and propagandists)  
<http://www.sciencedirect.com/science/article/pii/S0091743514003739>

Pharmaceutical Journal article falsely claims e-cigs poisoning youth (despite no evidence that anyone has ever been poisoned), conflate calls by concerned parents with poisonings  
<http://www.pharmaceutical-journal.com/news-and-analysis/news/parents-warned-to-keep-e-cigarettes-out-of-reach-as-poisoning-incidents-increase/20066983.article>

November 2014

Wells Fargo's Bonnie Herzog reports e-cig sales volume in US convenience stores increased by >50% in September, and by 75% in October (compared to 2013) due to recent nationwide launches of Reynolds Vuse and Altria's MarkTen cigalike e-cigs

<http://www.cspnet.com/category-news/tobacco/articles/vuse-markten-continue-drive-e-cig-sales>

<http://www.cstoredecisions.com/2014/11/12/wells-fargo-weighs-e-cigarette-sales/>

Big Pharma and Big Government funded Mike Fiore (who misled the US Public Health Service to recommend ineffective and unsafe FDA approved drugs as the only effective way to quit smoking) endorses banning tobacco and vapor product sales to adults.

<http://www.bostonglobe.com/metro/massachusetts/2014/10/27/westminster-proposes-first-state-ban-tobacco-sales/1fH3dMnl2K8RGBF1zZz5AK/story.html>

2013 NYTS finds (but CDC refuses to mention) record low rates for cigarette smoking among middle and high school students. Instead, CDC deceitfully conflates OTP and e-cig use with cigarette smoking, grossly exaggerates risks of e-cigs and cigars, deceptively labels “past month” experimentation as “current use” to confuse, scare, lobby for more tobacco control programs, higher taxes and FDA’s proposed deeming regulation

<http://www.cdc.gov/media/releases/2014/p1113-youth-tobacco.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s\\_cid=mm6345a2\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s_cid=mm6345a2_e)

CDC appointed panel recommends more counterproductive government tobacco control programs that lie about e-cigarettes, smokeless tobacco, cigars, flavorings, nicotine and FDA approved drugs, and that unlawfully lobby to ban all tobacco and e-cigarette use

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a7.htm?s\\_cid=mm6345a7\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a7.htm?s_cid=mm6345a7_e)

<http://www.thecommunityguide.org/tobacco/comprehensive.html>

<http://www.thecommunityguide.org/tobacco/RRcomprehensive.html>

The Heartland Institute – Research & Commentary: E-Cigarette “Smoking” Bans

<http://heartland.org/policy-documents/research-commentary-e-cigarette-smoking-bans>

As Obama’s CDC, NY Times, Big Pharma shills and other e-cig opponents falsely claimed e-cigs are poisoning children to scare public and lobby for FDA deeming regulation, child poisonings by colorful candy-like laundry detergent pods skyrocket.

[http://pediatrics.aappublications.org/content/early/2014/11/05/peds.2014-](http://pediatrics.aappublications.org/content/early/2014/11/05/peds.2014-0057.abstract?sid=272f90b7-847e-4591-85f1-ad9ee27c367c)

[0057.abstract?sid=272f90b7-847e-4591-85f1-ad9ee27c367c](http://pediatrics.aappublications.org/content/early/2014/11/05/peds.2014-0057.abstract?sid=272f90b7-847e-4591-85f1-ad9ee27c367c)

<http://www.nytimes.com/2014/11/10/health/detergent-pods-pose-risk-to-children-study-finds.html>

ACSH: Detergent pods pose serious poison risk for young children

<http://acsh.org/2014/11/detergent-pods-pose-serious-poison-risk-young-children/>

Another news outlet falsely claims e-cigs are poisoning kids, fails to reveal that ingesting e-liquid prompts immediate vomiting that prevents poisoning, grossly misrepresents nicotine toxicity level, conflates phone calls with cases to scare public, tout legislation

<http://www.ktvu.com/story/27358545/2-investigates-poisonings-from-e-cigarette-liquid-spikes-mostly-among-children>

CDC funded MN Health Dept survey finds cigarette smoking sharply drops from 18.1% in 2011 to record low 10.6% this year, but MN Health Commissioner Ed Ehlinger attacks e-cigs (even though most MN high school students who used or experimented with e-cigs in past month were smokers or exsmokers, but those details weren't reported in survey)  
<http://www.health.state.mn.us/divs/chs/tobacco/teentobaccoexecsumm110614.pdf>  
<http://www.health.state.mn.us/news/pressrel/2014/tobacco111014.html>

News media repeat MN Health Dept's false and irrational criticism of e-cigarettes  
<http://www.startribune.com/lifestyle/kids-health/282159211.html?page=all&prepage=2&c=y#continue>  
<http://www.kare11.com/story/news/local/2014/11/10/teen-tobacco-use-declining-but-new-concerns-over-e-cig/18824975/>  
<http://www.northlandsnewscenter.com/news/local/Cigarette-use-among-MN-high-school-students-drops-e-cig-use-up-282168471.html>  
<http://www.westport-news.com/news/article/1-in-8-Minnesota-teens-smoke-e-cigarettes-5883388.php>

Updated MN Dept of Health webpage on e-cigarettes repeats many false and misleading fear mongering claims, denies existence of health benefits for smokers who switch.  
<http://www.health.state.mn.us/ecigarettes>

ACSH: MN stats show astounding decline in teen smoking. E-cigs may be one reason.  
<http://acsh.org/2014/11/mn-stats-show-astounding-decline-teen-smoking-e-cigs-may-one-reason/>

Mike Siegel: New study shows dramatic reduction in youth smoking despite sharp rise in e-cigarette use  
<http://tobaccoanalysis.blogspot.com/2014/11/new-state-study-shows-dramatic.html>

Review of six clinical trials finds e-cigs significantly decreased cigarette consumption and desire to smoke, and were associated with fewer adverse events and higher adherence than nicotine skin patches. But authors misrepresent findings to absurdly conclude “there is limited evidence for the effectiveness of e-cigarettes in smoking cessation” and “concerns regarding increased poisoning exposures among adults in comparison with cigarettes are alarming.”  
<https://www.ncbi.nlm.nih.gov/m/pubmed/25136064/>

FDA/NIH funded junk scientist and prohibitionist Stan Glantz once again deceitfully misrepresents the scientific data on e-cigs and youth to confuse, scare and lobby for counterproductive bans and regulations that protect cigarette markets  
<https://tobacco.ucsf.edu/substantial-evidence-e-cigarette-use-among-never-and-former-smokers-both-adults-and-youth-thats-not-harm-reduction>

“Vape” is Oxford Dictionary's Word of the Year for 2014  
<http://blog.oxforddictionaries.com/2014/11/oxford-dictionaries-word-year-vape/>  
<http://nypost.com/2014/11/18/oxford-english-dictionary-crowns-vape-word-of-the-year/>

<http://www.theatlantic.com/technology/archive/2014/11/oxford-dictionary-names-vape-as-2014-word-of-the-year/382919/>

E-Cigarette Summit 2014 in London (on Nov. 13) presentations now available at [http://vaping.com/ecigsummit2014?\\_ga=1.255984907.1801308642.1361900678](http://vaping.com/ecigsummit2014?_ga=1.255984907.1801308642.1361900678)

Six month prospective study of 50 smokers using e-cigs finds 36% smoking cessation rate, 30% of participants reduced cigarette consumption by 50% or more  
<http://www.biomedcentral.com/content/pdf/1471-2458-14-1159.pdf>

Mike Siegel: Proof of concept study shows great promise for 2<sup>nd</sup> generation e-cigarettes  
<http://tobaccoanalysis.blogspot.com/2014/11/proof-of-concept-study-shows-great.html>

E-cigs help quit smoking, Italian researchers say (study finds 50% smoking cessation rate after 4 months)

<http://www.west-info.eu/e-cig-helps-quit-smoking-italian-researchers-say/>  
<http://www.west-info.eu/e-cig-helps-quit-smoking-italian-researchers-say/x-congresso-nazionale-sitab-torino-14-15-novembre-2014-intervento-di-fabio-beatrice-direttore-ospedale-san-giovanni-bosco-torino-roberta-pacifici-direttore-ossfad-iss-roma-2/>

E-Cigarettes Reduce Tobacco Cravings, Study Finds

<http://time.com/3595057/e-cigarettes-tobacco-cravings/>  
<http://medicalxpress.com/news/2014-11-e-cigarettes-significantly-tobacco-cravings.html>  
<http://www.mdpi.com/1660-4601/11/11/11220/htm>  
<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/186-ecigaret>  
[rct](http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/186-ecigaret)

Study finds that phenolics and carbonyls in exhaled e-cigarette aerosol undistinguishable from those in exhaled breaths of air, but far greater in exhaled cigarette smoke

<http://www.mdpi.com/1660-4601/11/11/11177/htm>

Clive Bates – Scientific sleight of hand: constructing concern about ‘particulates’ from e-cigarettes

<http://www.clivebates.com/?p=2523>

New Scientist – Smoke without fire: What’s the truth on e-cigarettes?

<http://pastebin.com/PVuGC9mc>  
<http://www.newscientist.com/article/mg22429930.300-smoke-without-fire-whats-the-truth-on-ecigarettes.html>

Gerry Stimson: E-cigarettes – disruptive innovation & public health potential

<https://www.youtube.com/watch?v=ZcvLiDr0KRM&feature=youtu.be>

5 Facts that Everyone Gets Wrong About Vaping

<http://gizmodo.com/5-facts-that-everyone-gets-wrong-about-vaping-1659938937>

RCP's John Britton tells Scottish MPs that e-cigs could help save millions of lives  
<http://www.scotsman.com/news/health/e-cigarettes-could-help-save-millions-msps-told-1-3608524>

<http://www.heraldscotland.com/news/home-news/e-cigarettes-offer-huge-potential-benefit-to-public-health-msps-told.1416317861>

FDA/NIH funded e-cig prohibitionist and propagandist Stan Glantz makes ad hominem attacks against e-cig researchers whose findings contradict Glantz' false claims, Glantz also posts personal attack by e-cig prohibitionist Mike Daube

<https://tobacco.ucsf.edu/surprise-lorillard-tobacco-publishes-two-papers-finding-e-cigs-pose-no-hazard>

Konstantinos Farsalinos: Personal attacks, questionable ethics and support for censorship when the results do not fit to the agenda (re: FDA funded propagandist Stan Glantz)

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/187-sg>

FDA's Commissioner Margaret Hamburg falsely claims "mint Oreo-flavored e-cigarettes and other flavors that are clearly targeted to attract children", misrepresents scientific evidence to confuse, scare and lobby for deeming regulation by saying "We don't want to see young people start a nicotine addiction and then go on to combustible cigarettes" (as the FDA knows there is NO evidence that e-cigs have created daily dependence in any nonsmoker, and the FDA knows there is NO evidence that e-cigs have been a gateway to cigarettes for anyone).

<http://www.medscape.com/viewarticle/834134>

American Vaping Association demands apology from FDA Commissioner

<http://vaping.info/ava-demands-correction-fda-commissioner>

FDA/NIH funded UCSF junk scientists urge FDA to impose deeming regulation (that would ban >99% of e-cig products and give the e-cig industry to Big Tobacco), and to also ban flavored cigars because some smokers prefer flavored products.

<http://tobaccocontrol.bmj.com/content/early/2014/10/29/tobaccocontrol-2014-051830.short?>

CDC touts ineffective GASO sponsored by Big Pharma funded ACS, which (like CDC) staunchly opposes smokers switching to exponentially less hazardous e-cigs and smokeless tobacco, falsely claims smokefree alternatives don't help smokers quit and are gateways to smoking, grossly misrepresents scientific evidence on e-cigs and smokeless to scare public, urged FDA to unlawfully ban e-cigs in 2009, and lobbies to ban vaping.

<http://www.cdc.gov/features/greatamericansmokeout/>

CDC finds sharp declines in teen smoking (to record lows), but refuses to tell public to further demonize e-cigarettes and lobby for FDA regulations that would ban >99% of e-cig products and give the e-cig industry to Big Tobacco companies



<http://www.e-cigarette-forum.com/forum/fda-regulations/623276-cdc-finds-sharp-declines-teen-smoking-record-lows-but-refuses-tell-public-order-lobby-fda-e-cig-ban-reg.html#post14593585>

The CDC's National Youth Tobacco Survey (NYTS) found that "past 30 day" cigarette smoking declined 33% among middle school students from 2011 to 2013, and declined 20% among high school students, for record low smoking rates in both age groups.

But the CDC has withheld those critically important facts from its two reports and press releases (including those released yesterday) on 2013 NYTS findings that lobbied for FDA's proposed e-cigarette regulation (by deceiving the public to believe that e-cigarettes are addicting nonsmoking youth, are gateways to cigarettes, and renormalize smoking) at

<http://www.cdc.gov/media/releases/2014/p0825-e-cigarettes.html>

<http://antithrlies.files.wordpress.com/2014/08/intentions-to-smoke-cigarettes-among-never-smoking-u-s.pdf>

and

<http://www.cdc.gov/media/releases/2014/p1113-youth-tobacco.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s\\_cid=mm6345a2\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s_cid=mm6345a2_e)

Specifically, the NYTS found that "past 30 day" cigarette smoking among 6<sup>th</sup>-8<sup>th</sup> graders declined from 4.3% in 2011 to 3.5% in 2012 to 2.9% in 2013, while declining among 9<sup>th</sup>-12<sup>th</sup> graders from 15.8% in 2011 to 14.0% in 2012 to 12.7% in 2013. But CDC buried those most important findings in data tables at

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6245a2.htm> (2011/2012 data) and

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s\\_cid=mm6345a2\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6345a2.htm?s_cid=mm6345a2_e)

(2013 data)

CDC also never mentioned the significant decline in teen cigarette smoking from 2011 to 2012 in its 2013 reports and press releases touting 2012 NYTS findings that also lobbied for FDA's proposed deeming regulation (that would protect cigarettes by banning >99% of e-cigarette products and by giving the e-cigarette industry to Big Tobacco) at

<http://www.cdc.gov/media/releases/2013/p0905-ecigarette-use.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6235a6.htm?s\\_cid=mm6235a6\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6235a6.htm?s_cid=mm6235a6_w)

and

<http://www.cdc.gov/media/releases/2013/p1114-emerging-tobacco-products.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6245a2.htm?s\\_cid=mm6245a2\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6245a2.htm?s_cid=mm6245a2_e)

Although "past 30 day" e-cigarette use among middle school students increased from .6% in 2011 to 1.1% in 2012 and remained at 1.1% in 2013, while increasing among high school students from 1.5% in 2011 to 2.8% in 2012 to 4.5% in 2013, cigarette smokers accounted for the overwhelming majority of middle and high school students reporting e-cigarette use all three of those years.

CDC's National Youth Tobacco Survey actually found:

“Past 30 day” cigarette smoking among 6<sup>th</sup> – 8<sup>th</sup> graders

2011 - 4.3%

2012 - 3.5%

2013 - 2.9%

“Past 30 day” cigarette smoking among 9<sup>th</sup>-12<sup>th</sup> graders

2011 - 15.8%

2012 - 14.0%

2013 - 12.7%

"Ever smokers" in 6<sup>th</sup>-12<sup>th</sup> grades who reported "past 30 day" use of an e-cig

2011 - 2.8%

2012 - 7.0%

2013 - 6.9%

"Never smokers" in 6<sup>th</sup>-12<sup>th</sup> grades who reported "past 30 day" use of an e-cig

2011 - .2%

2012 - .2%

2013 - .3%

Thus, CDC data indicate that e-cigarettes have helped reduce teen smoking rates, just as e-cigarettes have helped many adults smokers quit, something else CDC denies.

US Surgeon General’s tweet repeats CDC’s intentionally deceptive fear mongering claims about e-cigs and never smoking teens

**U.S. Surgeon General** @Surgeon\_General 8m8 minutes ago

.@OxfordWords Nothing entertaining about #WOTY #Vape given the increase in never-smoking youth using e-cigs .1.usa.gov/1zAhKCL

Brad Rodu: Surgeons General say the darndest things about tobacco

<http://rodutobaccotruth.blogspot.com/2014/11/surgeons-general-say-darndest-things.html>

Mike Siegel: New CDC survey reveals that youth smoking has declined despite tripling of electronic cigarette use among high schoolers

<http://tobaccoanalysis.blogspot.com/2014/11/new-cdc-study-reveals-that-youth.html>

ACSH: Survey of teen “tobacco” use yields good news, obscured by alarmist headlines about e-cigs

<http://acsh.org/2014/11/survey-teen-tobacco-use-yields-good-news-obscured-alarmist-headlines-e-cigs/>

Winston Salem Journal exposes that youth smoking hits all-time low as e-cig use rises (thanks to Gil Ross and Mike Siegel)

[http://www.journalnow.com/news/local/youth-smoking-rates-hit-all-time-low-e-cig-use/article\\_0d57c7a0-ec08-5f6f-8210-7696c29cd6fd.html](http://www.journalnow.com/news/local/youth-smoking-rates-hit-all-time-low-e-cig-use/article_0d57c7a0-ec08-5f6f-8210-7696c29cd6fd.html)

USA Today article repeats CDC propaganda on e-cigs and teens without any fact checking

<http://www.usatoday.com/story/news/nation/2014/11/13/e-cigarettes-high-school-kids/18965465/>

The AP article reprinted in the Huffington Post never mentioned that smoking rates declined, falsely insinuated that e-cigs are addicting youth, was entitled:

E-cigarette use among teens triples over three years, says CDC

[http://www.huffingtonpost.com/2014/11/13/e-cigarettes-teens\\_n\\_6153844.html](http://www.huffingtonpost.com/2014/11/13/e-cigarettes-teens_n_6153844.html)

and included the following deceptive statement:

“The report's e-cigarette findings are disheartening, said Dr. Patrick T. O'Gara, president of the American College of Cardiology. Smoking rates has slowly been declining over the last several decades, but "we risk going backwards if a new generation of smokers becomes addicted to nicotine," O'Gara said, in a statement.”

Wall St. Journal article repeats CDC propaganda about e-cigs, cigarettes and youth without any fact checking

<http://online.wsj.com/articles/e-cigarette-use-by-youths-rising-government-study-shows-1415901602?>

Techtimes article repeats CDC propaganda on e-cigs, cigarette and youth without any fact checking, Godshall responds

<http://www.techtimes.com/articles/20178/20141113/e-cigarettes-on-the-rise-teens-cdc-report.htm>

Reuters article entitled acknowledges that teen cigarette smoking declined, but falsely implied that e-cigs are addicting nonsmoking teens and was entitled

U.S. youth smoking, increased use of e-cigarettes a worry: CDC

<http://www.reuters.com/article/2014/11/13/us-usa-smoking-youth-idUSKCN0IX2AD20141113>

Another news article repeats CDC propaganda on e-cigs without any fact checking:

Teen e-cigarette use is on the rise, CDC says

<http://www.theverge.com/2014/11/13/7216525/e-cigarette-use-teens-cdc>

After inviting many e-cig opponents and just a few objective individuals to speak at its so-called e-cigarette scientific workshop on December 10/11, FDA rescinds previously announced November 25 deadline for the public to sign up to speak and attend (claiming too many people signed up) instead of finding a larger facility for the event.

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm414814.htm>

FDA and NIH issue funding opportunity announcement (FOA) to support research that will purportedly “inform the development of understandable and accurate public information on harmful and potentially harmful constituents (HPHCs) in tobacco products” even though cigarettes cause >99% of tobacco attributable diseases,

disabilities, deaths and healthcare costs (while constituent lists just confuse people, which is why PM, CTFK, GSK, Waxman and Kennedy agreed to require them in the FSPTCA).

<http://grants.nih.gov/grants/guide/pa-files/PA-15-046.html>

<http://www.fda.gov/tobaccoproducts/guidancecomplianceregulatoryinformation/ucm297786.htm>

CDC NHIS finds adult cigarette smoking rate declined to record low 17.8% in 2013 (with 13.7% daily smokers), refutes false fear mongering claims by Obama's DHHS and Big Pharma shills that e-cigs renormalize cigarette smoking

<http://www.cdc.gov/media/releases/2014/p1126-adult-smoking.html>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6347a4.htm?s\\_cid=mm6347a4\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6347a4.htm?s_cid=mm6347a4_e)

Note that in September 2014, CDC reported the NHIS found adult cigarette smoking rate had declined to 17.8%, and that it further declined to 17.1% in January-March of 2014

[http://www.cdc.gov/nchs/data/nhis/earlyrelease/earlyrelease201409\\_08.pdf](http://www.cdc.gov/nchs/data/nhis/earlyrelease/earlyrelease201409_08.pdf)

ACSH: Smoking rate down a bit, from 18.1% to 17.8%. Wow. Not acceptable.

<http://acsh.org/2014/12/smoking-rate-bit-18-1-percent-17-8-percent-wow-acceptable/>

Joe Nocera: Nicotine without death

<http://mobile.nytimes.com/2014/11/29/opinion/joe-nocera-nicotine-without-death.html>

Article on Virginia MSA bond payments says e-cigs have reduced cigarette consumption

<http://www.dailypress.com/news/politics/dp-nws-evg-tobacco-20141201-story.html>

“A decline that had averaged about 3 percent a year since 2000 amounted to nearly 5 percent in 2013, in large part because of the rapid growth of e-cigarettes according to municipal bond analysts at UBS Financial Services.”

Sally Satel: Why anti smoking groups should endorse snus and e-cigarettes

<http://www.forbes.com/sites/sallysatel/2014/12/01/why-anti-smoking-groups-should-endorse-snus-and-e-cigarettes/>

Jacques Le Houezec: The drag on e-cigarettes

<http://opinion.inquirer.net/80474/the-drag-on-e-cigarettes>

UK survey finds e-cigs almost exclusively used by smokers and ex-smokers (11.8% of smokers, 4.8% of ex-smokers, .14% of never smokers); smoking rate drops to record low

<http://www.ons.gov.uk/ons/rel/ghs/opinions-and-lifestyle-survey/adult-smoking-habits-in-great-britain--2013/stb-opn-smoking-2013.html#tab-Use-of-e-cigarettes--and-the-relationship-to-smoking>

[http://www.ons.gov.uk/ons/dcp171778\\_386291.pdf](http://www.ons.gov.uk/ons/dcp171778_386291.pdf)

<http://www.bbc.co.uk/news/health-30192181>

<http://www.theguardian.com/news/datablog/2014/nov/25/e-cigarettes-not-gateway-traditional-smoking-great-britain>

<http://www.breitbart.com/Breitbart-London/2014/11/26/Government-s-own-research-shows-e-cigs-not-a-gateway-to-smoking>

Scottish survey finds smoking by 13 and 15 year olds declined to record lows in 2013, and “ever smokers” accounted for the vast majority of teen e-cig use and consumption  
<http://www.isdscotland.org/Health-Topics/Public-Health/SALSUS/Latest-Report/>  
[http://www.isdscotland.org/Health-Topics/Public-Health/Publications/2014-11-25/SALSUS\\_2013\\_Smoking\\_Report.pdf](http://www.isdscotland.org/Health-Topics/Public-Health/Publications/2014-11-25/SALSUS_2013_Smoking_Report.pdf)

Working Paper: Phillips-Nissan-Rodu, Understanding the evidence about the comparative success of smoking cessation methods: choice, second-order preferences, tobacco harm reduction, and other neglected considerations  
<http://ep-ology.com/2014/11/24/working-paper-phillips-nissen-rodu-understanding-the-evidence-about-the-comparative-success-of-smoking-cessation-methods-choice-second-order-preferences-tobacco-harm-reduction-and-other-neglecte/>  
<https://epology.files.wordpress.com/2014/11/phillips-nissen-rodu-understanding-the-evidence-about-cessation-methods1.pdf>

Worldwide news media repeat false fear mongering allegations (with no fact checking) by WHO funded Japanese junk scientist Naoki Kunugita who misrepresented his research data by deceitfully claiming e-cig vapor contains more carcinogens than cigarette smoke  
[http://www.who.int/tobacco/about/partners/collab\\_centers/cc\\_tob\\_japan/en/](http://www.who.int/tobacco/about/partners/collab_centers/cc_tob_japan/en/)  
<http://www.dailymail.co.uk/wires/afp/article-2851443/E-cigarettes-10-times-carcinogens-Japan-researchers.html>  
<http://www.dailymail.co.uk/health/article-2851665/High-levels-toxin-e-cigarettes-cigarettes.html>  
<http://www.themalaymailonline.com/features/article/japan-research-warns-e-cigarettes-have-10-times-carcinogens>  
<http://www.theguardian.com/society/2014/nov/28/japan-e-cigarette-safety>  
<http://www.popsci.com/do-e-cigarettes-really-create-10-times-more-carcinogens-regular-ciggies>  
<http://www.mdpi.com/1660-4601/11/11/11192/htm>

Konstantinos Farsalinos debunks false fear mongering headline about vapor constituents:  
<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2014/188-fm-jp>

Researcher rejects horror news about e-cigarettes (Norway)  
<http://www.nrk.no/verden/forsker-avviser-skremselesnyhet-om-e-sigaretter-1.12068273>

E-cigarettes more cancerous than cigarettes: Think again, ‘Vaping’ advocates claim  
<http://www.inquisitr.com/1645775/e-cigarettes-more-cancerous-than-cigarettes-think-again-vaping-advocates-claim/>

Formaldehyde – A hoax spreads round the world (Germany)  
<http://blog.rursus.de/2014/11/formaldehyd-eine-falschmeldung-geht-um-die-welt/>

CDC funded Tennessee Health Department repeats fear mongering claims, misrepresents scientific evidence to demonize e-cigs

[http://www.clevelandbanner.com/view/full\\_story/26171657/article-Local-Health-Council-reviews-e-cigarette-risks?instance=latest\\_articles](http://www.clevelandbanner.com/view/full_story/26171657/article-Local-Health-Council-reviews-e-cigarette-risks?instance=latest_articles)

December 2014

CDC complains that some states haven't banned e-cig sales to minors (but fails to acknowledge that some CDC funded State health agencies and CDC's Big Pharma funded allies CTFK, ACS, AHA, ALA have lobbied against those laws), complains that just 3 states have banned vaping in workplaces (but fails to reveal that vaping bans protect cigarettes and there is no public health justification for banning vaping)

<http://content.govdelivery.com/accounts/USCDC/bulletins/e26679>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6349a1.htm?s\\_cid=mm6349a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6349a1.htm?s_cid=mm6349a1_e)

AVA: CDC's push for vaping bans highlights need for oversight of ACA grant money; CDC, now with \$2 billion in grants to dole out, recommends states restrict vaping

<http://vaping.info/cdc-push-vaping-bans-highlights-need-oversight>

FDA e-cig workshop on December 10 & 11

FDA invites many deeming reg proponents (federal employees, other e-cig opponents, tobacco companies and other profiteers) but no deeming reg opponents to present at so-called public workshop on e-cigs; FDA claims workshop not meant for deeming reg, but many presenters urged FDA to impose it and many other unwarranted regs for e-cigs; Mitch Zeller claims FDA relies upon scientific evidence, but agency has grossly distorted the scientific evidence on e-cigs since it unlawfully banned them in 2009; FDA bans public from attending workshop prior to sign-up deadline, refuses to get larger venue.

<http://vapefight.com/vaping-resources/fda-workshops-electronic-cigarettes-and-the-public/> (audio of entire December 10/11 workshop is available at this weblink)

<http://www.fda.gov/downloads/TobaccoProducts/NewsEvents/UCM425397.pdf> (agenda)

<http://www.e-cigarette-forum.com/forum/fda-regulations/632006-fda-e-cig-workshop-starts-8am-eastern-us-time-dec-10-agenda-stacked-staff-fda-other-federal-agencies-many-antz.html> (ECF discussion on FDA workshop)

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm414814.htm> (FDA webpage)

AVA gives public comment at FDA e-cigarette workshop

<http://vaping.info/ava-gives-public-comment-fda-e-cigarette-workshop>

Carl Phillips: Burstyn comment at FDA workshop on ecig science

<http://antithrlies.com/2014/12/12/burstyn-comments-at-fda-workshop-on-ecig-science/>

<https://antithrlies.files.wordpress.com/2014/12/fda-burstyn-2014-pptx.pdf>

FDA invites convicted liar (and regulatory profiteer) Shayne Gad to present at e-cig workshop

<http://schachtmanlaw.com/gad-zooks-expert-witness-dishonesty/>

Carl Phillips: Don't annoy us with the facts, we got some regulatin' to do  
<http://antithrlies.com/2014/12/04/dont-annoy-us-with-the-facts-we-got-us-some-regulatin-to-do/#more-2025>

The most objective and informative comments at FDA's Dec. 10/11 workshop were presented by nearly a dozen speakers during the public comment period, which can be heard on FDA6 recording at  
<http://vapefight.com/vaping-resources/fda-workshops-electronic-cigarettes-and-the-public/>

Michael Marlow – Regulating a less unhealthy cigarette: The FDA's treatment of e-cigarettes jeopardizes public health  
<http://object.cato.org/sites/cato.org/files/serials/files/regulation/2014/10/regulationv37n3-5.pdf>

Only Big Tobacco and Big Pharma want e-cig regulation, Godshall comments  
[http://www.dailymaverick.co.za/opinionista/2014-12-02-only-big-tobacco-and-big-pharma-want-e-cig-regulation/#.VIINa9LF\\_Sn](http://www.dailymaverick.co.za/opinionista/2014-12-02-only-big-tobacco-and-big-pharma-want-e-cig-regulation/#.VIINa9LF_Sn)

AP reporter (and now FDA CTP spokesman) Michael Felberbaum writes yet another article promoting FDA deeming reg/ban, fails to reveal it would protect cigarettes by banning >99% of vapor products  
<http://www.startribune.com/lifestyle/health/285052791.html>

NIH/NCI fund RTI to monitor e-cigs on social media, lobby for bans/regulations  
<http://www.rti.org/newsroom/news.cfm?obj=6D87FAB2-9A80-22D9-446E66CA7C1F6B59>

Electronic cigarettes: getting the science right and the communicating it accurately  
Addiction editorial by Robert West, collection of Addiction studies and articles on e-cigs  
[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1360-0443/homepage/electronic\\_cigarettes.htm](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1360-0443/homepage/electronic_cigarettes.htm)

American Heart Association's Circulation publishes meta analysis of 6 studies finding 18% smoking cessation rate (after 6 months) for smokers who used e-cigs with nicotine  
[http://m.circ.ahajournals.org/content/130/Suppl\\_2/A14945.short](http://m.circ.ahajournals.org/content/130/Suppl_2/A14945.short)

AVA: American Heart Association study finds vaping products more effective for quitting smoking than FDA-approved products  
<http://vaping.info/american-heart-association-study-vaping>

Peter Hajek: Electronic cigarettes have the potential for huge public health benefit  
<http://www.biomedcentral.com/1741-7015/12/225>

Clive Bates: A blunt challenge to some common arguments against e-cigarettes

<http://www.clivebates.com/?p=2570>

ACSH's Gil Ross: Want to help smokers quit? Stop lying about e-cigs

<http://www.washingtonexaminer.com/want-to-help-smokers-quit-stop-lying-about-e-cigs/article/2557038>

In measuring teen nicotine use, public health agencies often rely on data that are too crude (to grossly exaggerate teen use, lobby for more \$\$\$ and unwarranted bans/regs)

<http://medicalxpress.com/news/2014-12-teen-nicotine-health-agencies-crude.html>

Penn State study finds vapor products less addictive than cigarettes

<http://news.psu.edu/story/337639/2014/12/09/research/e-cigarettes-less-addictive-cigarettes?>

<http://medicalxpress.com/news/2014-12-e-cigarettes-addictive-cigarettes.html>

Study finds e-cig use causes significantly lower nicotine plasma levels than cigarette smoking, lower increases in BP and heart rate than cigarette smoking, and e-cig use creates no increase in exhaled CO while smoking sharply increases exhaled CO

<http://www.sciencedirect.com/science/article/pii/S0273230014002797>

2013 survey of Italians at least 15 years old finds, among regular e-cig users, 10.4% quit smoking, 67.7% reduced cigarette consumption, and 22% didn't change smoking habit.

<http://ntr.oxfordjournals.org/content/16/12/1541.abstract?>

Study finds press releases for 40% of scientific studies exaggerated advice, 33% exaggerated causal claims, and 36% exaggerated causal inference to humans from animal research. When press releases contained such exaggeration, 58%, 81% and 86% of news stories, respectively, contained similar exaggeration.

<http://www.bmj.com/content/349/bmj.g7015>

Academic hype 'distorting' health news

<http://www.nhs.uk/news/2014/12December/Pages/Academic-hype-distorting-health-news.aspx>

Press releases blamed for exaggerated health news

<http://www.fox54.com/story/27594148/press-releases-blamed-for-exaggerated-health-news>

Survey finds e-cigarette use rare in non-smokers (UK)

<http://uk.reuters.com/article/2014/12/10/uk-britain-ecigarettes-idUKKBN0JO1HC20141210?>

Review of Hajek et al study in Family Practice Recertification acknowledges many health benefits for smokers who switch to vaping, endorses e-cigs for smoking cessation

<http://www.hcplive.com/publications/family-practice-recertification/2014/November2014/Are-E-Cigarettes-a-Good-Thing>



John McLay: E-cigs help rid the world of smokers (MN)

<http://www.startribune.com/opinion/284934831.html>

NIDA funding recipients from Yale absurdly conclude that flavored e-cigs should be banned for adults, that people should be deceived about the health benefits of e-cigs for smokers, and that “social norms surrounding the use of e-cigarettes” should be prevented based upon student focus groups (that never discussed these policies for adults).

<http://ntr.oxfordjournals.org/content/early/2014/12/05/ntr.ntu257.abstract?>

FDA funded Stan Glantz criticizes excellent study on e-cigs because it was conducted and written by tobacco company researchers

<https://tobacco.ucsf.edu/lorillard-finds-ecigs-little-bit-less-bad-cardiovascular-system-marlboros>

CDC junk science and press release claims 6.1% of estimated 1.64 million smokers who saw a CDC anti smoking ad quit smoking because they saw CDC ad, that ads cost \$480 per smoker who purportedly quit smoking, and that CDC ads are very effective for smoking cessation (while still insisting that e-cigs don't help smokers quit smoking)

[http://www.ajpmonline.org/article/S0749-3797\(14\)00615-1/fulltext](http://www.ajpmonline.org/article/S0749-3797(14)00615-1/fulltext)

<http://www.cdc.gov/media/releases/2014/p1210-tips-roi.html>

Large 2102 survey of 27 EU countries found “ever use” of an e-cig reported by 20.3% of current smokers, 4.7% of ex-smokers, and just 1.2% of never cigarette smokers (disproving claims that e-cigs are gateways to and renormalize smoking), but authors absurdly conclude their findings “underscore the need to ... formulate a European framework for e-cigarette regulation within the revised EU Tobacco Product Directive” that protects cigarettes by banning many e-cigs and restricting the marketing of all others

<http://tobaccocontrol.bmj.com/content/early/2014/12/04/tobaccocontrol-2013-051394.abstract?paper=1>

Health frauds Drs. Oz, Natalie Azar and FDA funded Andrea King protect cigarettes, scare viewers, lobby for FDA deeming reg/ban by repeating lies about e-cigs and nicotine

[http://www.doctoroz.com/episode/are-e-cigarettes-dangerous?video\\_id=3923866504001](http://www.doctoroz.com/episode/are-e-cigarettes-dangerous?video_id=3923866504001)

Cochran review meta analyses finds e-cigs effective for smoking cessation and more effective than NRT patch for reducing cigarette consumption

<http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD010216.pub2/abstract>

E-cigarettes can help smokers quit or cut down heavily, say researchers; Study suggests critics of vaping are wrong to claim it encourages non-smokers to take up habit

<http://www.theguardian.com/society/2014/dec/17/e-cigarettes-smokers-quit-vaping>

Review of evidence finds e-cigarettes may help smokers quit

<http://www.foxnews.com/health/2014/12/17/review-evidence-finds-e-cigarettes-may-help-smokers-quit/>

Mike Siegel: First meta-analysis of existing studies concludes that electronic cigarettes are effective for smoking cessation

<http://tobaccoanalysis.blogspot.com/2014/12/first-meta-analysis-of-existing-studies.html>

2014 Monitoring the Future survey

NIDA funded Monitoring the Future survey finds record low rates and record annual declines for “daily” and “past 30 day” cigarette smoking by teens from 2013 to 2014. Daily smoking declined 22% by 8<sup>th</sup> graders (from 1.8% to 1.4%), declined 27% by 10<sup>th</sup> graders (from 4.4% to 3.2%), declined 21% by 12<sup>th</sup> graders (from 8.5% to 6.7%). Past 30 day cigarette smoking declined 11% by 8<sup>th</sup> graders (from 4.5% to 4.0%), declined 21% by 10<sup>th</sup> graders (9.1% to 7.2%), declined 17% by 12<sup>th</sup> graders (from 16.3% to 13.6%).

<http://monitoringthefuture.org/pressreleases/14drugtables.pdf>

<http://monitoringthefuture.org/data/14data.html#2014data-drugs>

<http://www.e-cigarette-forum.com/forum/fda-regulations/634157-nida-funded-mtf-finds-sharpest-annual-decline-ever-teen-smoking-record-low-teen-smoking-rates-but-mtf-demonizes-e-cigs-lobby-fda-deeming-reg-ban.html>

MTF finds e-cigs a gateway away from cigarettes for teens. Among 33.8% of 12<sup>th</sup> grade “ever smokers” of cigarettes, MTF found that (during the past 30 days) 16% reported no use of cigarettes or e-cigs, 4.6% reported exclusive e-cig use, 7.3% reported dual use of cigarettes and e-cigs, and just 5.9% reported exclusive cigarette smoking.

<http://monitoringthefuture.org/data/14data/14tobtbl28.pdf>

<http://monitoringthefuture.org/data/14data/14tobtbl29.pdf>

Among 21.9% of 10<sup>th</sup> grade “ever smokers” of cigarettes, MTF found that (during the past 30 days) 10.0% reported no use of cigarettes or e-cigs, 4.9% reported exclusive e-cig use, 4.3% reported dual use of cigarettes and e-cigs, and just 2.7% reported exclusive cigarette smoking.

<http://monitoringthefuture.org/data/14data/14tobtbl21.pdf>

<http://monitoringthefuture.org/data/14data/14tobtbl22.pdf>

Among 13.3% of 8<sup>th</sup> grade “ever smokers” of cigarettes, MTF found that (during the past 30 days) 6.6% reported no use of cigarettes or e-cigs, 2.2% reported exclusive e-cig use, 2.2% reported dual use of cigarettes and e-cigs, and just 2.3% reported exclusive cigarette smoking.

<http://monitoringthefuture.org/data/14data/14tobtbl14.pdf>

<http://monitoringthefuture.org/data/14data/14tobtbl15.pdf>

While MTF found (and authors publicized) that “past 30 day” e-cig use was reported by 8.7% of 8<sup>th</sup> graders, 16.2% of 10<sup>th</sup> graders, 17.1% of 12<sup>th</sup> graders, MTF authors unethically failed to report that teen smokers and ex-smokers were far more likely than never smokers to report e-cig use (and instead buried that data in six different tables).

<http://monitoringthefuture.org/pressreleases/14drugtables.pdf>

<http://monitoringthefuture.org/data/14data.html#2014data-drugs>

MTF found “past 30 day” e-cig use by teen smokers, ex-smokers and never smokers (note that “ex-smokers” are “ever smokers” who didn’t smoke in “past 30 days”)

12<sup>th</sup> Graders

55% of smokers ( $.073 / .132 = .55$ )

22.5% of ex-smokers ( $.046 / .204 = .225$ )

6.5% of never smokers ( $.043 / .664 = .065$ )

17.1% Total

10<sup>th</sup> Graders

61% of smokers ( $.043 / .07 = .61$ )

33% of ex-smokers ( $.049 / .148 = .33$ )

9% of never smokers ( $.07 / .782 = .09$ )

16.2% Total

8<sup>th</sup> Graders

49% of smokers ( $.022 / .045 = .49$ )

25% of ex-smokers ( $.022 / .088 = .25$ )

4.7% of never smokers ( $.041 / .867 = .047$ )

8.7% Total

MTF found overall “past 30 day” e-cig use by smokers, ex-smokers and never smokers

12<sup>th</sup> Graders

7.3% were smokers (dual users)

4.6% were ex-smokers

4.3% were never smokers

17.2% Total (differs from MTF reported 17.1% due to rounding)

10<sup>th</sup> Graders

4.3% were smokers (dual users)

4.9% were ex-smokers

7.0% were never smokers

16.2% Total

8<sup>th</sup> Graders

2.2% were smokers (dual users)

2.2% were ex-smokers

4.1% were never Smokers

8.5% Total (differs from MTF reported 8.7% due to rounding)

Despite finding record annual declines in teen cigarette smoking, record low teen smoking rates, and e-cig use mostly by current and former smokers, Obama’s NIDA funded MTF press release promoted FDA’s proposed deeming reg/ban by conflating e-cigs with lethal cigarettes, by conflating “past 30 day” experimentation with daily use,

and by failing to acknowledge that e-cigs have NEVER been found to create daily dependence in any nonsmoker, serve as a gateway to smoking, or cause any disease.

<http://monitoringthefuture.org/pressreleases/14cigpr.pdf>

<http://ns.umich.edu/new/multimedia/videos/22575-e-cigarettes-surpass-tobacco-cigarettes-among-teens>

American Vaping Association: Youth smoking reaches record lows as vaping increases

<http://vaping.info/blog/2014/youth-smoking-reaches-record-lows-vaping-increases>

Irresponsible news media repeat false fear mongering claims from MTF press release without any fact checking, fail to report record annual declines in teen smoking, record low teen smoking rates or that most teen vapers were/are cigarette smokers.

<http://www.usnews.com/news/articles/2014/12/16/teen-e-cigarette-use-steam-past-smoking-survey-finds>

<http://www.sfgate.com/news/medical/article/Survey-finds-teens-trending-toward-e-cigarettes-5958488.php>

<http://www.wsj.com/articles/survey-u-s-teens-e-cigarette-use-tops-traditional-cigarettes-1418746782>

<http://www.nytimes.com/aponline/2014/12/16/health/ap-us-med-teens-e-cigarettes.html>

<http://www.nytimes.com/2014/12/17/science/national-institute-on-drug-abuse-e-cigarette-study.html>

<http://time.com/3634728/fewer-teens-smoking-e-cigarettes-health/>

<http://www.washingtontimes.com/news/2014/dec/15/e-cigarettes-increasing-in-popularity-among-teens-/?page=1>

Mike Siegel: Glantz tells public there is no question that e-cigarettes are a gateway to smoking, but today's Monitoring the Future data show the opposite

<http://tobaccoanalysis.blogspot.com/2014/12/glantz-tells-public-there-is-no.html>

Jacob Sullum: Vaping rises to record highs, smoking falls to record lows, and activists insist 'e-cigarettes are a gateway to smoking'

<http://reason.com/blog/2014/12/17/vaping-rises-to-record-highs-smoking-fal>

Tim Worstall: Excellent news as e-cigarette, or vaping, use rises

<http://www.forbes.com/sites/timworstall/2014/12/16/excellent-news-as-e-cigarette-or-vaping-use-rises/>

NIDA Director Nora Volkow absurdly claimed: "Chronic e-cigarette use would be expected to produce even higher levels of third hand nicotine exposure, and it's unclear how such exposure could impact the health of close family members, friends, and coworkers who are regularly exposed to these environments."

<http://www.drugabuse.gov/news-events/news-releases/2014/05/study-third-hand-nicotine-e-cigarette-exposure-wins-top-nih-addiction-science-award>

CDC makes more false and misleading fear mongering claims about e-cigs

<http://content.govdelivery.com/accounts/USCDC/bulletins/e26679>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6349a1.htm?s\\_cid=mm6349a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6349a1.htm?s_cid=mm6349a1_e)

AVA responds to CDC article on e-cigarettes

<http://www.cstoredecisions.com/2014/12/12/ava-responds-cdc-article/>

Carl Phillips: CDC lies about e-cigs and children again (wait, have I used that title before?)

<http://antithrlies.com/2014/12/11/cdc-lies-about-ecigs-and-children-again-wait-have-i-used-that-title-before/>

ACSH: The CDC, again, substitutes their agenda for science re: ecigs and teens

<http://acsh.org/2014/12/cdc-substitutes-agenda-science-re-ecigs-teens/>

News media repeat CDC's fear mongering spin about state e-cig sales bans to minors and secondhand vapor, fail to acknowledge that CDC funded State health agencies and/or CDC allies funded by Big Pharma (CTFK, ACS, AHA, ALA) have lobbied against state bills to ban e-cig sales to minors (e.g. in MI, MO, OH, PA, OK, RI, AZ) to lobby for FDA deeming reg/ban to ban >99% of e-cigs currently marketed to adults.

<http://www.usatoday.com/story/news/nation/2014/12/15/electronic-cigarettes-teens/20314561/>

<http://www.foxnews.com/health/2014/12/12/cdc-16-million-children-can-legally-purchase-e-cigarettes/>

[http://video.foxnews.com/v/3939105196001/ten-states-have-yet-to-ban-e-cigarettes-from-children/?playlist\\_id=2114913880001#sp=news-clips/us](http://video.foxnews.com/v/3939105196001/ten-states-have-yet-to-ban-e-cigarettes-from-children/?playlist_id=2114913880001#sp=news-clips/us)

USA Today editorial grossly misrepresents facts on e-cigs to advocate FDA deeming regulation (that would ban >99.9% of e-cigs now consumed by adults) and to urge State AGs to falsely redefine e-cigs as "cigarettes" to impose MSA restrictions on e-cigs.

<http://www.usatoday.com/story/opinion/2014/12/16/e-cigarettes-teen-smoking-university-of-michigan-editorials-debates/20485297/>

Jeff Stier's Opposing View on USA Today – Rally behind e-cigarettes: Don't undermine the promise of powerful harm reduction tools

<http://www.usatoday.com/story/opinion/2014/12/16/e-cigarettes-national-center-for-public-policy-research-editorials-debates/20491541/>

Mike Siegel – CDC makes startling proclamation: Electronic cigarette aerosol is not as safe as clean air

<http://tobaccoanalysis.blogspot.com/2014/12/cdc-makes-startling-proclamation.html>

Survey of HI high school students finds record low cigarette smoking rates (i.e. 2% monthly, <1% weekly and <1% daily smoking), very low e-cig use (i.e. 3% monthly, 2% weekly and 2% daily), finds 76% of e-cig "ever users" just experimented (i.e. <5 times or yearly), and finds 67% correctly believe e-cigs are less hazardous than cigarettes. But NCI funded authors (who oppose THR) misrepresent findings to news media, conflate e-cigs with cigarettes, exaggerate e-cig use, falsely claim e-cigs renormalize smoking.

<http://pediatrics.aappublications.org/content/early/2014/12/09/peds.2014-0760.full.pdf+html>  
<http://pediatrics.aappublications.org/content/early/2014/12/09/peds.2014-0760>  
[http://www.eurekalert.org/pub\\_releases/2014-12/uohc-tuo120914.php](http://www.eurekalert.org/pub_releases/2014-12/uohc-tuo120914.php)  
<http://www.familypracticenews.com/news/journals/single-article/study-ignites-concern-that-e-cigarettes-may-renormalize-smoking/ac271b6221340426ba3f28cc476ae127.html>  
<http://www.dailyrx.com/electronic-cigarette-use-was-higher-previously-thought-hawaii-teens>  
<http://www.newswise.com/articles/e-cigarettes-may-recruit-lower-risk-teens-to-nicotine-use>  
<http://consumer.healthday.com/kids-health-information-23/adolescents-and-teen-health-news-719/growing-use-of-e-cigarettes-among-teenagers-694585.html>  
<http://www.techtimes.com/articles/22248/20141215/worried-e-cigarettes.htm>

2013 US adult survey finds past month use of e-cigs reported by 30.3% of daily smokers, 34.1% of nondaily smokers, 5.4% of former smokers and just 1.4% of never smokers (which is consistent with other surveys). But Big Pharma funded AAP survey coauthors (including Jonathan Winickoff , who falsely claimed e-cigs were target marketed to youth at 2009 FDA press conference defending agency's unlawful e-cig ban) falsely conclude that e-cigs addict nonsmokers and renormalize tobacco use, and advocate cigarette protecting federal, state and local e-cig bans and regulations.

<http://ntr.oxfordjournals.org/content/early/2014/11/28/ntr.ntu213.abstract>  
<http://parenting.blogs.nytimes.com/2014/12/15/e-cigarettes-may-serve-as-gateway-to-smoking-for-teens-study-suggests/>

FDA funded junk scientist and liar Stan Glantz falsely claims "There's no question that e-cigarettes are a gateway to smoking"

<http://www.usatoday.com/story/news/nation/2014/12/15/electronic-cigarettes-teens/20314561/>

FDA TPSAC Chair Jonathan Samet (who Judge Richard Leon ruled had Big Pharma funding conflicts of interest when striking down TPSAC's report on menthol cigarettes) coauthors JAMA op/ed that repeats many false and misleading fear mongering claims about e-cigs to confuse, scare and lobby for FDA's proposed deeming reg that would ban >99% of e-cigs now consumed by adult smokers and exsmokers who switched to vaping. Flavorings in Electronic Cigarettes: An unrecognized respiratory health threat?

<http://jama.jamanetwork.com/article.aspx?articleid=1935097>

New Canadian poll finds:

- 63% of vapers who quit smoking vape nicotine-free vapor products,
- 96% of never smokers who use e-cigs vape nicotine-free vapor products,
- 68% of vapers who still smoke vape nicotine products (38% always, 30% sometimes),
- 29% of vapers always vape nicotine, 24% sometimes do, and 47% never vape nicotine,
- 64% of smokers, 27% of ex-smokers, and 9% of never smokers "ever used" an e-cig,

<http://poll.forumresearch.com/post/197/two-thirds-using-e-cigs-to-quit-one-quarter-to-one-third-are-successful>

[http://poll.forumresearch.com/data/Federal%20E-Cig%20News%20Release%20\(2014%2012%2011\)%20Forum%20Research.pdf](http://poll.forumresearch.com/data/Federal%20E-Cig%20News%20Release%20(2014%2012%2011)%20Forum%20Research.pdf)

(Note that since 2008 Health Canada has claimed that sales of nicotine containing vapor products are unlawful, but has never enforced the purported law. Also note that Obama's DHHS surveys on e-cigarette use don't inquire if nicotine was vaped, and falsely presume and claim that vaping no-nicotine e-cigarettes is also tobacco use).

Ex-smokers credit e-cigarettes for helping them quit, poll finds

<http://www.theglobeandmail.com/life/health-and-fitness/health/ex-smokers-credit-e-cigarettes-for-helping-them-quit-poll-finds/article22135601/>

Mike Siegel: Canadian survey suggests that electronic cigarettes are a useful smoking cessation tool

<http://tobaccoanalysis.blogspot.com/2014/12/canadian-survey-suggests-that.html>

AVA: Two studies demonstrate vaping helps smokers quit

<http://vaping.info/blog/2014/two-new-studies-demonstrate-vaping-helps-smoker-quit>

ASH UK: Evidence that electronic cigarettes can help smokers to quit

<http://www.ash.org.uk/media-room/press-releases/:evidence-that-electronic-cigarettes-can-help-smokers-to-quit>

Vapour Trail: The latest investigation of vaping suggests it can help you quit smoking

<http://www.economist.com/news/science-and-technology/21636714-latest-investigation-vaping-suggests-it-can-help-you-quit-smoking-vapour?fsrc=scn/tw/te/pe/ed/vapourtrail>

E-cigarettes may help smokers kick the habit (NJ)

[http://www.nj.com/healthfit/index.ssf/2014/12/e-cigarettes-may-help-smokers-quit-the-habit.html#incart\\_river](http://www.nj.com/healthfit/index.ssf/2014/12/e-cigarettes-may-help-smokers-quit-the-habit.html#incart_river)

2014 MTF teen survey

Since e-cigs were first marketed in 2006, MTF finds "daily" cigarette smoking declined 65% by 8<sup>th</sup> graders (4.0% to 1.4%), 48% by 10<sup>th</sup> graders (7.6% to 3.2%), and 30% by 12<sup>th</sup> graders (12.2% to 8.5%). Note that many 12<sup>th</sup> graders are 18, and can legally be sold cigarettes in 46 states.

<http://monitoringthefuture.org/data/14data/14tobtbl1.pdf>

Since e-cig marketing began in 2006, MTF finds "past-30-day" cigarette smoking declined 54% by 8<sup>th</sup> graders (8.7% to 4.0%), 50% by 10<sup>th</sup> graders (14.5% to 7.2%), and 37% by 12<sup>th</sup> graders (21.6% to 13.6%).

<http://monitoringthefuture.org/data/14data/14tobtbl1.pdf>

Jacob Sullum: Are e-cigarettes displacing the real thing?

As more teenagers vape, fewer smoke.

<http://www.forbes.com/sites/jacobsullum/2014/12/18/as-vaping-rises-to-record-highs-smoking-falls-to-record-lows/>

<http://reason.com/archives/2014/12/22/are-e-cigarettes-displacing-the-real-thi>

Brad Rodu: High School Seniors Post Largest Ever Single-Year Decline in Smoking; E-Cigs May Have Played a Role

<http://rodutobaccotruth.blogspot.com/2014/12/high-school-seniors-post-largest-ever.html>

Karl Fagerstrom – Nicotine: Pharmacology, Toxicity and Therapeutic use

<http://dx.doi.org/10.1017/jsc.2014.27>

FDA/NIH funded Stan Glantz conflates “No-nicotine e-cigs” with “nicotine e-cigs”, conflates “ever use” of an e-cig with chronic use, and otherwise misrepresents findings of many different e-cigarette surveys to confuse, scare and lobby for unwarranted e-cig restrictions that protect cigarettes

<https://tobacco.ucsf.edu/more-details-how-e-cigarettes-are-recruiting-kids-nicotine-addiction>

<https://tobacco.ucsf.edu/implications-major-national-survey-showing-ecigs-surpassing-cigs-among-teens-2014-us>

<https://tobacco.ucsf.edu/more-evidence-youth-are-using-e-cigs-initiate-nicotine-addiction-also-growing-evidence-moving-cigarettes>

FDA/NIH funded Stan Glantz criticizes Clive Bates for telling the truth about e-cigs, Glantz and other THR denialists who make false claims about vaping

<https://tobacco.ucsf.edu/sampling-clive-bates-twitter>

Carl Phillips: Over 10,000 Americans get to ring in 2015 thanks to e-cigarettes

<http://antithrlies.com/2014/12/31/over-10000-more-americans-get-to-ring-in-2015-thanks-to-e-cigarettes/>

<http://ep-ology.com/2014/12/31/how-many-premature-deaths-have-been-averted-by-e-cigarettes-already/>

Mike Siegel: Latest data suggest substantial benefits of e-cigs for smoking cessation

<http://tobaccoanalysis.blogspot.com/2015/01/latest-uk-data-suggests-substantial.html>

Ontario poll finds 64% of ex-smokers quit smoking via “cold turkey”, 6% quit with nicotine patches, 4% quit with e-cigarettes, 3% quit with nicotine gum or spray, 2% quit with counseling and support

<http://poll.forumresearch.com/post/210/half-never-have-a-third-have-quit-mostly-cold-turkey/>

Brad Rodu – E-cigarette denial: It just doesn’t work anymore

<http://rodutobaccotruth.blogspot.com/2015/01/e-cigarette-denial-it-just-doesnt-work.html>

George Lundberg advocates e-cigs for cigarette smokers, marijuana decriminalization, and fewer prescriptions for highly addictive opioids



Addiction Medicine Policy: First, Do No Harm  
<http://www.medscape.com/viewarticle/837313>

Steve Forbes – E-cigs: A lifesaver that health fascists want to kill  
[http://www.forbes.com/fdc/welcome\\_mjx.shtml](http://www.forbes.com/fdc/welcome_mjx.shtml)

Carl Phillips/Elaine Keller: Tobacco abstinence is not a safe alternative to harm reduction  
<http://antithrlies.com/2015/01/07/tobacco-abstinence-is-not-a-safe-alternative-to-harm-reduction/>

E-cigarettes fastest growing product in British supermarkets last year (increasing 49.5%) despite lies and regulatory actions by e-cig opponents that protect cigarettes  
<http://www.theguardian.com/business/2014/dec/30/e-cigarettes-sports-nutrition-supermarkets-sales-rise-uk>

AVA's Greg Conley: 'Big Tobacco' aims to snuff out vapor competitors  
<http://thehill.com/blogs/congress-blog/economy-budget/228061-big-tobacco-aims-to-snuff-out-vapor-competitors>

FDA found ethylene glycol (EG) and diethylene glycol (DEG) in all 8 batches of Bayer Miralax laxatives (used by adults and children for long-term daily use) tested in 2008, but didn't notify anyone until 2014 (in an RFA). Yet in 2009 when FDA found a nontoxic level of DEG in just one of 18 different NJOY and SE e-cig products tested, the agency held a press conference and issued press releases defending FDA's unlawful e-cig ban claiming e-cigs contained toxic DEG and carcinogens, falsely accusing the e-cig industry of target marketing to youth, and asserting (with no evidence) that e-cigs are addicting youth, are gateways to cigarettes, renormalize smoking and don't help smokers quit.  
<http://www.nytimes.com/2015/01/06/science/scrutiny-for-a-childhood-remedy.html>  
<http://grants.nih.gov/grants/guide/rfa-files/RFA-FD-14-088.html>  
<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm173222.htm>  
<http://www.fda.gov/ForConsumers/ConsumerUpdates/ucm173401.htm>  
<http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm173175.htm>  
<http://www.fda.gov/downloads/NewsEvents/Newsroom/MediaTranscripts/UCM173405.pdf>  
<http://www.fda.gov/downloads/Drugs/ScienceResearch/UCM173250.pdf>

Carl Phillips: FDA thinks antifreeze is ok – for kids' medicine (and other accidentally useful observations in the NYTimes)  
<http://antithrlies.com/2015/01/08/fda-thinks-antifreeze-is-ok-for-kids-medicine-and-other-accidentally-useful-observations-in-the-nytimes/>

While still insisting that e-cigs don't help smokers quit smoking, CDC keeps hawking subsidized Big Pharma products (i.e. ineffective NRT and less than safe Chantix) and subsidized telephone and website counseling services (that hawk NRT and Chantix to callers) as the only effective ways to quit tobacco use  
<http://content.govdelivery.com/accounts/USCDC/bulletins/e668b8>

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6351a1.htm?s\\_cid=mm6351a1\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6351a1.htm?s_cid=mm6351a1_e)  
<http://www.medicaldaily.com/quit-smoking-being-tech-savvy-web-based-help-keeps-quitters-track-316126>

Claims that nicotine harms adolescent brains based on unreliable rodent studies

The Dynamic Effects of Nicotine on the Developing Brain

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746456/>

Big Pharma and Big Government funded NRT promoter Michael Fiore misrepresents the CDC NYTS and other survey data (finding record low teen smoking rates, and that vast majority of teen e-cig users are smokers and exsmokers) by falsely claiming e-cigs are addicting nonsmoking teens and are gateways to cigarettes

<http://www.radioiowa.com/2015/01/01/study-e-cigarettes-a-gateway-for-teens-to-regular-smokes/>

Sacramento Bee editorial falsely claims 2014 MTF survey (finding record annual declines in teen smoking and record low teen smoking rates) “confirmed the worst fears of public health officials”, falsely insinuates e-cigs have addicted many nonsmoking youth and are gateways to cigarettes

<http://www.sacbee.com/opinion/editorials/article4654587.html>

Deseret News (UT) article and headline misrepresent MTF survey findings, falsely claim e-cigs are gateways to cigarettes and that e-cigs are opposed by public health experts.

<http://www.deseretnews.com/article/865618888/Next-generation-of-smokers-is-using-e-cigarettes-more-than-cigarettes.html>

Other news stories misrepresent 2014 MTF findings

<http://www.timesunion.com/opinion/article/Face-e-cigarette-dangers-5979021.php>

[http://www.tribtown.com/view/local\\_story/Editorial-Warn-teens-about-e-c\\_1419650473](http://www.tribtown.com/view/local_story/Editorial-Warn-teens-about-e-c_1419650473)

CDC funded San Francisco Dept of Public Health launches CurbIt campaign of lies about e-cigs to demonize, scare and lobby for more unwarranted vapor product regulations that protect cigarettes from market competition, encourage vapers to switch back to cigarettes, discourage smokers from switching to smokefree vaping, and keep nonsmokers exposed to 2<sup>nd</sup> hand smoke. CurbIt campaign tries to kick smokers and vapers to the curb.

<http://sanfranciscotobaccofreeproject.org/curbit-campaign-2/>

Bill Godshall debunks SF DPH’s Dozen Lies about E-cigs

<http://www.e-cigarette-forum.com/forum/media-general-news/639739-tobacco-control-terrorists-launch-attack-against-vaping-sf.html#post14967524>

Oliver Kershaw: Vapers demolish anti-vaping lies with hashtag hijack

<http://vaping.com/news/Vapers-Demolish-Anti-vaping-Lies-with-Hashtag-Hijack>

News media tout SF DPH's CurbIt campaign of lies about e-cigs without fact checking, FDA/NIH funded Stan Glantz keeps protecting cigarettes by lying about e-cigs, NC SFATA's Stefan Didak tells truth about vaping

<http://www.sfgate.com/bayarea/article/Big-battles-ahead-over-electronic-cigarettes-5993605.php>

<http://abc7news.com/health/sf-launches-campaign-warning-public-of-dangers-of-vaping/462978/>

[http://sfist.com/2015/01/06/sf\\_health\\_department\\_to\\_post\\_hundre.php](http://sfist.com/2015/01/06/sf_health_department_to_post_hundre.php)

CDC funded Alaska Health Dept makes many false claims about scientific studies on e-cigs to confuse, scare and prevent smokers from switching to far less hazardous vaping

<http://alaskaquitline.com/faq/>

Mike Siegel: Alaska Health Department airs first pro-smoking television ad since 1970

<http://tobaccoanalysis.blogspot.com/2015/01/alaska-health-department-airs-first-pro.html>

FDA/NIH funded Stan Glantz praises Alaska Health Dept for lying about e-cigs

<https://tobacco.ucsf.edu/alaska-takes-lead-educating-public-about-e-cigarettes>

Government funded e-cig prohibitionist Ellen Hahn keeps protecting cigarettes by lying about lifesaving vapor products in Kentucky Living column.

<http://www.kentuckyliving.com/life-in-kentucky/smart-moves/dangers-of-electronic-cigarettes>

News media repeats unsubstantiated fear mongering claims about unreliable e-cig lab tests on cell tissue

<http://www.inquisitr.com/1708709/e-cigarettes-hit-with-more-bad-news-vaping-damages-healthy-cells-study/>

<http://www.11alive.com/story/news/health/2014/12/26/study-e-cigarettes-damage-healthy-cells/20907631/>

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Brad Rodu – Formaldehyde vs Fact: Levels are far lower in e-cigarettes than in cigarettes

<http://rodutobaccotruth.blogspot.com/2015/01/formaldehyde-vs-fact-levels-are-far.html>

Study finds adult smokers who vape are far more interested in flavored e-cigs than nonvaping smokers, who are far more interested in flavored e-cigs than nonsmoking teens; refutes unsubstantiated claims that flavored e-cigs appeal to nonsmoking youth. On a 0-10 scale of interest for flavored e-cigs, the study found a 3.19 for adult smokers who vape, a 1.08 for adult smokers who never vaped, and a .41 for nonsmoking teens.

<http://ntr.oxfordjournals.org/content/early/2015/01/06/ntr.ntu333.short?>

<http://www.prnewswire.com/news-releases/study-shows-e-cigarette-flavors-do-not-appeal-to-nonsmoking-teens-300018288.html>

Interestingly, while Single Malt Scotch was the least desired e-cig flavoring by adult smokers (1.01), it was the most desired e-cig flavoring by nonsmoking teens (.52), and

was more desirable than Bubble Gum (.47), Cotton Candy (.49) and Gummy Bear (.44), three flavors e-cig opponents have repeatedly insisted appeal to youth.

ACSH: A new survey show slightly more than zero interest in e-cig flavors among nonsmoking teens

<http://acsh.org/2015/01/new-survey-show-slightly-zero-interest-e-cig-flavors-among-nonsmoking-teens/>

Survey of 191 college students who “ever used” an e-cig finds 176 “only tried” e-cigs, 15 reported “occasionally use” and 0 reported “daily use”; finds NO evidence that e-cigs are gateways to cigarettes.

<http://www.ajpmonline.org/article/S0749-3797%2814%2900555-8/fulltext>

[http://www.ajpmonline.org/cms/attachment/2021701541/2041527416/gr1\\_lrg.jpg](http://www.ajpmonline.org/cms/attachment/2021701541/2041527416/gr1_lrg.jpg)

<http://dailycaller.com/2015/01/02/study-e-cigarettes-probably-not-a-gateway-to-regular-smoking/>

Study: E-cigarettes probably not a gateway to regular smoking

<http://dailycaller.com/2015/01/02/study-e-cigarettes-probably-not-a-gateway-to-regular-smoking/>

CDC study finds 44,000 drug poisoning deaths in US in 2013, more than doubling since 1999; but Obama’s CDC and FDA focus on exaggerating negligible and hypothetical risks of lifesaving e-cigs to lobby for FDA’s proposed deeming regulation

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6401a10.htm?s\\_cid=mm6401a10\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6401a10.htm?s_cid=mm6401a10_e)

Herkimer County (NY) Coroner won’t reveal cause of death of NY child that news media claimed was caused by ingestion of e-liquid, says he cannot discuss the case or autopsy report with anyone but family members or law enforcement

<http://www.e-cigarette-forum.com/forum/media-general-news/637343-update-ny-child-dies-nicotine-poisoning-17.html#post15026157>

CDC funded California Health Dept’s so-called “Facts” brochure unlawfully lobbies to ban vaping by urging readers to “support policies that do not allow e-cigarettes to be used indoors and where children are present”, falsely claims e-cigarettes “can cause cancer and birth defects”, “appeal to children”, “are poisonous”, “contain harmful chemicals”, “can hurt the lungs just like cigarette smoke”, “are just as addictive as regular cigarettes”, “do not help people quit smoking”, “may hurt others” “just like regular cigarettes”; falsely claims “medicines ... are very effective at helping people quit smoking cigarettes”;

[http://www.cdph.ca.gov/programs/tobacco/Documents/Resources/Fact%20Sheets/E\\_Cigs\\_Brochure\\_English%20102914.pdf](http://www.cdph.ca.gov/programs/tobacco/Documents/Resources/Fact%20Sheets/E_Cigs_Brochure_English%20102914.pdf)

Sally Satel op/ed in NY Times: Will the FDA kill off e-cigs?

<http://www.nytimes.com/2015/01/19/opinion/will-the-fda-kill-off-e-cigs.html?>

ACSH’s Gil Ross – Public health’s cigarette sellout: Smoke em if you got em

<http://thehill.com/blogs/congress-blog/healthcare/229048-public-healths-cigarette-sellout-smoke-em-if-you-got-em>

AVA’s Greg Conley: Big Tobacco’s war on vaping

<http://www.nationalreview.com/article/396466/big-tobaccos-war-vaping-gregory-conley>

Ronald Bailey: A ban on vaping harms public health

<http://reason.com/blog/2015/01/07/a-ban-on-vaping-harms-public-health>

Clive Bates: Annual quiz on e-cigarettes and harm reduction  
<http://www.clivebates.com/?p=1721>

International case control study finds 3530 vapers who quit smoking were more likely than 3530 dual users of e-cigs and cigarettes (whose average cigarette consumption declined from 20 to 4 per day after onset of vaping) to perceive lower risk of vaping, and to use 3<sup>rd</sup> generation vapor products (while dual users were more likely to use 1<sup>st</sup> and 2<sup>nd</sup> generation e-cigs); levels of nicotine use declined after onset of vaping from a median of 18 and 17 mg/ml to 10 and 12 mg/ml for nonsmoking vapers and dual users respectively.  
[http://www.ijdp.org/article/S0955-3959\(15\)00009-2/abstract](http://www.ijdp.org/article/S0955-3959(15)00009-2/abstract)

2014 MN Dept of Health adult survey finds record low smoking rate (14.4%), e-cigs used far more than NRT or prescription drugs for smoking cessation (45% vs 22% vs 10%) by smokers who tried to quit and by former smokers who quit in past year, smokers 22 times more likely than never smokers (27.3% vs 1.2%) to use e-cigs; top reasons for e-cig use were to reduce harm (78%), reduce cigarette consumption (51%) and quit smoking (45%)  
[http://www.mntobacco.nonprofitoffice.com/vertical/Sites/%7B988CF811-1678-459A-A9CE-34BD4C0D8B40%7D/uploads/MATS\\_2014\\_Technical\\_Report\\_Final\\_2015-01-21.pdf](http://www.mntobacco.nonprofitoffice.com/vertical/Sites/%7B988CF811-1678-459A-A9CE-34BD4C0D8B40%7D/uploads/MATS_2014_Technical_Report_Final_2015-01-21.pdf)

AVA: Vaping is Minnesota adults' most popular method for quitting smoking  
<http://vaping.info/news/2015/vaping-minnesota-adults-popular-method-quitting-smoking>

Montreal Chest Institute review says vaping helps hardcore smokers get off and stay off; finds 43% (32/75) of smokers who tried quitting by switching to vaping had remained smokefree from 3 months to a year later.  
<http://www.cjad.com/cjad-news/2015/01/20/chest-institute-review-says-vaping-helps-hardcore-smokers-get-off-and-stay-off>

New study finds e-cig users not as dependent on nicotine as cigarette smokers, finds long term e-cig users not as dependant on nicotine as long term nicotine gum users  
<http://www.ncbi.nlm.nih.gov/pubmed/25561385>

JF Etter – Electronic Cigarettes and Cannabis: An Exploratory Study  
<http://www.karger.com/DOI/10.1159/000369791>

Nicotine and Tobacco Research ignores deadly cigarettes to devote entire issue to e-cigs, e-cig opponents author most articles to confuse, scare, lobby for e-cig reg/bans  
<http://ntr.oxfordjournals.org/content/17/2?etoc>

Dave Swenor: Big Tobacco's Little Helpers (exposes how THR opponents have protected cigarettes and enriched cigarette companies for decades)  
<http://www.clivebates.com/?p=2755>

Quebec Health Minister says vaping is a good way of kicking cigarette habit  
<http://montrealgazette.com/news/quebec/health-minister-says-vaping-is-a-good-way-of-kicking-cigarette-habit>

Clive Bates: Keep calm it's only poison (reveals that e-cigs accounted for just .06% of calls to Poison Control centers in 2013, and just .15% in 2014)

<http://www.clivebates.com/?p=2740>

NEJM junk e-cig study/letter

NEJM publishes, touts junk e-cig study (funded by class action lawyers) to news media (with embargoed press release) that repeatedly overheated a PV, falsely assumed vapers do the same, falsely claimed some e-cigs may be more carcinogenic than cigarettes

<http://www.nejm.org/doi/full/10.1056/NEJMc1413069>

<https://twitter.com/NEJM/status/558026336259022848>

Clive Bates: Spreading fear and confusion with misleading formaldehyde studies

<http://www.clivebates.com/?p=2706>

American Vaping Association / Smokefree Pennsylvania respond to NEJM embargoed letter/press release falsely claiming some e-cigs can be more carcinogenic than cigarettes. New e-cig study hypes formaldehyde fears based on faulty experiments

<http://vaping.info/news/2015/new-e-cig-study-hypes-formaldehyde-fears-based-faulty-experiments>

Konstantinos Farsalinos – The deception of measuring formaldehyde in e-cigarette aerosol: difference between laboratory measurements and true exposure

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2015/191-form-nejm>

Konstantinos Farsalinos – Verified: formaldehyde levels found in the NEJM study were associated with dry puff conditions. An update

<http://www.ecigarette-research.com/web/index.php/2013-04-07-09-50-07/2015/192-form-ver>

ACSH: Poorly-done e-cig vapor study gets big headlines but means nothing

<http://acsh.org/2015/01/poorly-done-e-cig-vapor-study-gets-big-headlines-means-nothing/>

Mike Siegel: New study reports high levels of formaldehyde in e-cigarette aerosols

<http://tobaccoanalysis.blogspot.com/2015/01/new-study-reports-high-levels-of.html>

Mike Siegel – Confirmed: Formaldehyde study conducted under implausible conditions; conclusions invalid

<http://tobaccoanalysis.blogspot.com/2015/01/confirmed-formaldehyde-study-conducted.html>

Fergus Mason: Formaldehyde strikes again (investigative journalist reveals authors of NEJM study/letter received “philanthropy to support research” from Michael J. Dowd and Patrick J. Coughlin, who appear to be attorneys Michael J. Dowd and Patrick J. Coughlin from Robbins Geller Rudman & Dowd, a class action lawfirm involved in past lawsuits against cigarette companies.

<http://fergusmason.com/?p=354>

[http://fergusmason.com/wp-content/uploads/2015/01/nejmc1413069\\_disclosures.pdf](http://fergusmason.com/wp-content/uploads/2015/01/nejmc1413069_disclosures.pdf)

<http://www.rgrdlaw.com/>

<http://www.rgrdlaw.com/services-Environment-Public-Health.html>

“Robbins Geller attorneys have led the fight against Big Tobacco since 1991. As an example, Robbins Geller attorneys filed the case that helped get rid of Joe Camel, representing various public and private plaintiffs, including the State of Arkansas, the general public in California, the cities of San Francisco, Los Angeles and Birmingham, 14 counties in California, and the working men and women of this country in the Union Pension and Welfare Fund cases that have been filed in 40 states. In 1992, Robbins Geller attorneys filed the first case in the country that alleged a conspiracy by the Big Tobacco companies.”

Jacques Le Houezec criticizes junk study on e-cigs in NEJM (in French)

<http://jlhamzer.over-blog.com/2015/01/desinformation-la-difference-entre-une-etude-en-laboratoire-et-la-realite.html>

Jacob Sullum: Does Formaldehyde make e-cigarettes worse than the real thing?

(exposes junk formaldehyde e-cig study published and touted by NEJM)

<http://reason.com/blog/2015/01/22/does-formaldehyde-make-e-cigarettes-wors>

Greg Gutfeld: New e-cigarette study goes up in smoke

<http://video.foxnews.com/v/4007895304001/gutfeld-new-e-cig-study-goes-up-in-smoke/?#sp=show-clips>

Joe Nocera: Is vaping worse than smoking? (in today's NY Times)

<http://www.nytimes.com/2015/01/27/opinion/joe-nocera-is-vaping-worse-than-smoking.html?>

News media further hype NEJM junk e-cig study touted by misleading embargoed NEJM press release several days prior (whose goal was to generate fear mongering news)

<http://readingeagle.com/ap/article/lab-tests-imply-formaldehyde-risk-in-some-e-cigarette-vapor>

<http://www.reuters.com/article/2015/01/21/usa-health-ecigarettes-idUSL1N0UZ24620150121>

<http://www.latimes.com/science/sciencenow/la-sci-sn-electronic-cigarette-formaldehyde-20150121-story.html>

<http://www.npr.org/blogs/health/2015/01/21/378663944/e-cigarettes-can-churn-out-high-levels-of-formaldehyde>

<http://www.nbcnews.com/health/cancer/you-vape-high-levels-formaldehyde-hidden-e-cigs-n290826>

<http://www.cbsnews.com/news/e-cigarette-vapor-filled-with-cancer-causing-chemicals/>

<http://www.wsj.com/articles/study-links-e-cigarettes-to-formaldehyde-cancer-risk-1421877617>

<http://www.scmp.com/news/world/article/1689378/e-cigarettes-expose-smokers-more-formaldehyde-regular-tobacco>

<http://www.dailymail.co.uk/health/article-2921321/Some-e-cigarettes-release-cancer-causing-chemicals-regular-tobacco-study-suggests.html>

<http://consumer.healthday.com/cancer-information-5/mis-cancer-news-102/more-formaldehyde-in-e-cigarettes-than-regular-smokes-study-695693.html>

<http://www.ishn.com/articles/100533-new-study-fires-up-e-cigarette-debate>

David Peyton (coauthor of NEJM study) tells Oregon Public Radio he wanted to get the results out as soon as possible, and to as wide as audience as possible.

<http://www.opb.org/radio/programs/thinkoutloud/segment/portland-state-university-professor-finds-formaldehyde-in-e-cigarettes/>

David Peyton claims "Our research shows that when heated at higher temperatures, e-cigarette juices can vaporize and form large amounts of 'hidden formaldehyde,' five to 15 times higher than the amount of formaldehyde in traditional cigarettes," but then criticizes NEJM tweet stating "Authors project higher cancer risk than smoking"

<http://www.pdx.edu/news/psu-researchers-uncover-high-levels-hidden-formaldehyde-e-cigarette-vapor>  
<http://www.nytimes.com/2015/01/27/opinion/joe-nocera-is-vaping-worse-than-smoking.html?>

Big Pharma and FDA funded American Heart Association policy statement author tries to inject more fear mongering claims about e-cigs and lobby for FDA deeming reg/ban into news coverage of bogus NEJM letter, fails to ethically disclose AHA's conflict of interest

<http://www.newswise.com/articles/aha-policy-statement-author-echoes-concerns-over-e-cigarette-dangers>

NY Times publishes letter by NIH funded Frank Leone and American Thoracic Society that falsely claims there's no evidence e-cigs are less hazardous than cigarettes or that e-cigs can help smokers quit, falsely claims "evidence shows that e-cigarettes may serve as a gateway to . . . tobacco", and that "allowing their use in locations where other smoking is prohibited . . . may actually prolong addiction to tobacco", fails to ethically disclose irreconcilable financial conflicts of interest..

[http://www.nytimes.com/2015/01/23/opinion/regulating-e-cigarettes.html?\\_r=0](http://www.nytimes.com/2015/01/23/opinion/regulating-e-cigarettes.html?_r=0)

Mike Siegel: American Thoracic Society physicians claim there is no evidence smoking is more hazardous than vaping

<http://tobaccoanalysis.blogspot.com/2015/01/american-thoracic-society-physicians.html>

Carl Phillips: In search of an honest tobacco harm reduction (THR) skeptic

<http://antithrlies.com/2015/01/19/in-search-of-an-honest-tobacco-harm-reduction-thr-skeptic/>

February 2015

University of Victoria Prof. Chris Lolonde creates population-based risk/benefit widget that mathematically documents how e-cigarettes reduce mortality even if tens/hundreds of millions of nonsmokers began to vape daily. And yet, nobody has identified any nonsmoker (anywhere in the world) who has become a daily nicotine vaper.

<http://web.uvic.ca/~lalonde/vape/>

Lynn Kozlowski: So your teenager is vaping e-cigarettes – should you worry?

<http://theconversation.com/so-your-teenager-is-vaping-e-cigarettes-should-you-worry-36398>

Bill Godshall: E-cigs save lives (PA)

<http://triblive.com/opinion/letters/7618556-74/cigs-fda-smokers#axzz3QKMc8pJv>

Dave Sweanor presents on THR at Univ of Ottawa Healthcare Symposium

<https://www.youtube.com/watch?v=Q1cy3fWsJEo>

<https://www.youtube.com/watch?v=v0o5nixNVEg>

Electronic cigarettes and smoking cessation: an interview with Peter Hajek

<http://www.news-medical.net/news/20150205/Electronic-cigarettes-and-smoking-cessation-an-interview-with-Professor-Peter-Hajek.aspx>



Dave Sweanor & Peter Selby present on e-cigarettes at Centre for Addiction and Mental Health in Ontario

<https://camh.adobeconnect.com/a829238269/p1kraodg0n0/?launcher=false&fcsContent=true&pbMode=normal>

US Surgeon General Vivek Murthy's first blog post deceitfully deploys "bait and switch" by conflating all tobacco products/use with cigarette smoking, touts bans on tobacco use and vaping funded and lobbied for by CDC and its "partners", urges "all sectors of society" to lobby for a "tobacco free generation" (instead of reducing cigarette smoking).  
<http://www.hhs.gov/blog/2015/01/28/working-toward-tobacco-free-generation-51-years-progress.html>?

Newly confirmed Surgeon General Murthy and AP reporter Michael Felberbaum (now a spokesperson at FDA's CTP) reveal their knowledge of Obama DHHS' talking points demonizing e-cigs, as well as their ignorance and/or dishonesty of the facts that vaping is far less hazardous than smoking, has helped several million people quit smoking, and has NEVER been found to cause any disease, create daily dependence in any nonsmoker, nor serve as a gateway to smoking.

<http://wtop.com/health/2015/01/surgeon-general-desperate-need-of-clarity-on-e-cigarettes/>

<http://www.sfexaminer.com/sanfrancisco/surgeon-general-desperate-need-of-clarity-on-e-cigarettes/Content?oid=2918029>

ACSH: New study shows addictive potency of e-cigs far less than cigarettes; less than nicotine gum!

<http://acsh.org/2015/01/new-study-shows-addictive-potency-e-cigs-far-less-cigarettes-less-nicotine-gum/>

Mike Siegel: New study suggests that electronic cigarettes are much less addictive than real ones

<http://tobaccoanalysis.blogspot.com/2015/02/new-study-suggests-that-electronic.html>

CDC funded CA DPH commits public health malpractice, tells dozens of lies about e-cigs to confuse, scare and lobby for cigarette protecting FDA deeming reg/ban, vaping bans and other unwarranted e-cig restrictions

<http://cdph.ca.gov/pages/presskits.aspx>

<http://cdph.ca.gov/Pages/NR15-12.aspx>

<http://cdph.ca.gov/Documents/EcigHealthAdvisory01282015.pdf>

<http://www.cdph.ca.gov/programs/tobacco/Documents/Media/State%20Health-e-cig%20report.pdf>

[http://cdph.ca.gov/Documents/Ecig\\_retail\\_lowres.pdf](http://cdph.ca.gov/Documents/Ecig_retail_lowres.pdf)

[http://cdph.ca.gov/Documents/CTCP\\_Social\\_WaterVapor\\_Citations\\_noTFCA.pdf](http://cdph.ca.gov/Documents/CTCP_Social_WaterVapor_Citations_noTFCA.pdf)

[http://cdph.ca.gov/Documents/Ecig\\_PoisonControlCenter.pdf](http://cdph.ca.gov/Documents/Ecig_PoisonControlCenter.pdf)

California State Health Officer Ron Chapman protects cigarettes and commits public health malpractice by issuing report demonizing e-cigs "A Community Health Threat" that repeats dozens of false and misleading claims to confuse and scare people, discourage smokers from switching to vaping, encourage vapers to go back to cigarettes, and to lobby for FDA's deeming reg/ban and other cigarette protecting reg/bans on e-cigs.

<http://www.cdph.ca.gov/programs/tobacco/Documents/Media/State%20Health-e-cig%20report.pdf>

CA DPH head Ron Chapman resigns after lying about e-cigs

<http://www.sacbee.com/news/politics-government/capitol-alert/article4266648.html>

Gil Ross: California's "Public Health" System Seems to be Trying to Kill Smokers

<http://www.capoliticalreview.com/capoliticalnewsandviews/dr-ross-californias-public-health-system-seems-to-be-trying-to-kill-smokers/>

AVA: California Department of Public Health's War on Vaping Continues

<http://vaping.info/news/2015/war-vaping-ca-dept-health-continues>

SFATA rebuts misleading claims in California advisory

[http://www.heraldonline.com/2015/01/28/6746066\\_sfata-rebuts-misleading-claims.html?rh=1](http://www.heraldonline.com/2015/01/28/6746066_sfata-rebuts-misleading-claims.html?rh=1)

Fergus Mason: Lying It Up At The Hotel California

<http://fergusmason.com/?p=377>

Mike Siegel – Propaganda campaign is working: Policy maker says that “hundreds of thousands” of vapers will die

<http://tobaccoanalysis.blogspot.com/2015/01/anti-smoking-groups-propaganda-campaign.html>

Michael Shaw: Betrayal of the Public Trust . . . And How to Fight Back (on CA DPH's lies about e-cigs)

<http://www.healthnewsdigest.com/news/contributing%20columnist0/Betrayal-Of-The-Public-Trust-And-How-To-Fight-Back.shtml>

Gil Ross: California's Public Health lies about e-cigarettes will kill smokers

<http://dailycaller.com/2015/01/19/californias-public-health-lies-will-kill-smokers/>

Mike Siegel: California Dept of Health Services lies to the public about e-cigarettes

<http://tobaccoanalysis.blogspot.com/2015/01/california-department-of-health.html>

Michael Shaw – Scaring people about e-cigarettes: A public health disgrace (criticizes false fear mongering claims about e-cigs by California DPH)

<http://www.healthnewsdigest.com/news/contributing%20columnist0/Scaring-People-About-e-Cigarettes-A-Public-Health-Disgrace.shtml>

News media hypes CDC funded CA DPH lies about e-cigs as factual

<http://www.wsj.com/articles/electronic-cigarettes-declared-health-threat-by-california-officials-1422477562>

<http://www.nbcnews.com/health/health-news/e-cig-stigma-california-declares-vaping-public-health-risk-n295766>

<http://www.latimes.com/nation/healthcare/la-me-e-cigarettes-20150129-story.html>

<http://touch.latimes.com/#section/-1/article/p2p-82663908/>

<http://time.com/3686557/california-ecigarettes-health-risk/>

FAMRI funded e-cig study expose mice to 2,000 times more e-cig vapor than humans consume, then inappropriately conclude e-cigs may pose risks for humans.

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116861>

Tom Pruen: New study in mice shows remarkably little toxicity, despite major problems  
<http://www.ecita.org.uk/ecita-blog/new-study-mice-shows-remarkably-little-acute-toxicity-despite-major-methodology-problems>

Konstantinos Farsalinos: A new study in mice provides no information for smokers but verifies e-cigarettes are less harmful  
<http://www.ecigarette-research.com/web/index.php/whats-new/whatsnew-2015/192-ecig-mice>

Mike Siegel: New study reports adverse effects of e-cigarette aerosol on mouse respiratory epithelial cells  
<http://tobaccoanalysis.blogspot.com/2015/02/new-study-reports-adverse-effects-of-e.html>

Brad Rodu: Bogus research on formaldehyde in e-cig vapor  
<http://rodutobaccotruth.blogspot.com/2015/01/bogus-research-on-formaldehyde-in-e-cig.html>

Brad Rodu: Portland State e-cigarette claims debunked in the New York Times  
<http://rodutobaccotruth.blogspot.com/2015/01/portland-state-e-cigarette-claims.html>

ACSH's Gil Ross: The madness of the war on e-cigs (Godshall comments)  
<http://www.spiked-online.com/newsite/article/the-madness-of-the-war-on-e-cigs/#.VON3ldJ4rZi>

Clive Bates: Briefing on the science and policy of e-cigarettes and vaping  
[http://www.clivebates.com/?page\\_id=2853](http://www.clivebates.com/?page_id=2853)

Brad Rodu: NIH funding stifles tobacco harm reduction research and support in academia  
<http://rodutobaccotruth.blogspot.com/2015/02/nih-funding-stifles-tobacco-harm.html>  
Exposes tens of millions of dollars in NIH funding received by current FDA TPSAC members, UCSF faculty, and other THR denialists, prohibitionists and propagandists.

Brad Rodu – Memo to the CDC: Tell the WHOLE Truth About E-Cigarettes  
<http://rodutobaccotruth.blogspot.com/2015/02/memo-to-cdc-tell-whole-truth-about-e.html>  
Please note bar graphs of NYTS findings that CDC's Tom Frieden and the news media have deceitfully misrepresented to confuse, scare and lobby for FDA deeming reg/ban.

NIDA's Wilson Compton falsely claims e-cigs hook teens and are gateway to cigarettes, grossly misrepresents findings of NIDA funded MTF survey to confuse and scare  
<http://www.dailymail.co.uk/news/article-2953437/Fears-high-numbers-teenagers-introduced-smoking-vaping-moving-real-tobacco.html>  
<http://www.independent.co.uk/life-style/health-and-families/health-news/fears-that-ecigarettes-are-gateway-drug-as-vaping-outstrips-puffing-10045599.html>  
<http://www.theguardian.com/science/2015/feb/13/more-teenagers-trying-e-cigarettes-than-tobacco>

FDA and NCI funded Rutgers researchers stealth lobby for FDA deeming reg/ban by conducting biased push-poll that misled participants about vapor products, warning labels, minimum age laws, FDA reg/ban, etc., and by then claiming their so-called survey found that most smokers support FDA's proposed deeming reg/ban.  
<http://tobaccocontrol.bmj.com/content/early/2015/01/06/tobaccocontrol-2014-051953.abstract>

<http://www.newswise.com/articles/rutgers-research-finds-smokers-have-strong-support-for-many-e-cigarette-policies>  
<http://www.sciencedaily.com/releases/2015/02/150203102909.htm?>

WHO tells even more lies about vapor products; falsely claims e-cigs are NOT SAFER than cigarettes, deceitfully insinuates vaping aerosol is toxic, causes cancer and is as hazardous as cigarette smoke; grossly exaggerates the very low risks of nicotine and vaping aerosol; falsely claims the “evidence is inconclusive” that e-cigs can help smokers quit; hawks multiple use of Big Pharma’s ineffective and less-than-safe drugs.

<http://www.euro.who.int/en/health-topics/disease-prevention/tobacco/news/news/2015/02/what-everyone-needs-to-know-about-e-cigarettes#gateway>

Real public health advocates respond to tweet promoting WHO lies about vaping  
<https://twitter.com/simoncapewell99/status/565644520638119936>

JF Etter – E-cigarettes: methodological and ideological issues and research priorities  
<http://www.biomedcentral.com/1741-7015/13/32>

Exposes how ideological bias, money, conflicts of interest, obsolete studies and misrepresentation of data have trumped objective evidence-based research of e-cigs.

New study finds nicotine levels 85% lower in e-cig aerosol than cigarette smoke, finds cigarette smoke emits 1,500 times more harmful and potentially harmful constituents (HPHCs) than e-cig aerosol, finds e-cig aerosol emits similar trace levels of HPHCs as are in room air, confirms (again) that e-cigs are far less hazardous than cigarettes.

<http://www.sciencedirect.com/science/article/pii/S0273230014002505>

ACSH: Machine-puffed e-cigs yielded vapor containing exactly what you’d expect, and not much else

<http://acsh.org/2015/02/machine-puffed-e-cigs-yielded-vapor-containing-exactly-you-d-expect-much-else/>

Big Pharma financed NRT hawk Michael Fiore falsely claims three cigarette companies make up 75% of 2-billion-dollar e-cigarette market and are targeting children, repeats false claims about bogus NEJM formaldehyde study, repeats disproved allegations that e-cigs addict nonsmokers and serve as gateways to cigarettes (despite no evidence that e-cigs have created daily dependence in any nonsmoker, and despite no evidence e-cigs have served as a gateway to cigarettes for anyone).

<http://www.cbs58.com/story/28070572/tobacco-companies-behind-e-cigs>

IFLScience touts junk study (that exposed mice to 2,000 times more e-cig vapor than humans vape) without any fact checking, hundreds of comments correct false claims

<http://www.iflscience.com/health-and-medicine/e-cigarette-vapor-shown-repress-immune-system>

Study finds nicotine supports learning and memory

[http://www.science20.com/news\\_articles/nicotine\\_supports\\_learning\\_and\\_memory-153308](http://www.science20.com/news_articles/nicotine_supports_learning_and_memory-153308)

March 2015

2015 SRNT conference

FDA hosts pre-conference workshop at SRNT conference with many THR opponents (and no THR advocates) to promote FDA funded research opportunities; hosted session “Continuum of Risk: Pros and Cons in Tobacco Regulation” with six government funded regulatory proponents who have opposed THR products and policies to reduce smoking <http://www.fda.gov/TobaccoProducts/NewsEvents/ucm433525.htm>

More than 40 presentations at SRNT conference by DHHS (i.e. FDA/CDC/NIH/NIDA) funded researchers advocate more government regulations/restrictions on tobacco products (primarily e-cigs), documenting that federal funds are being used to lobby for public policy changes; many DHHS funded researchers misrepresent their own findings [http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

FDA hosted pre-conference workshop at SRNT conference with many THR opponents (but no THR advocates) to promote FDA funded research opportunities; hosted session “Continuum of Risk: Pros and Cons in Tobacco Regulation” with six government funded regulatory proponents who have opposed THR products and policies to reduce smoking <http://www.fda.gov/TobaccoProducts/NewsEvents/ucm433525.htm>

Mike Siegel: SRNT annual meeting brought to you by Pfizer (also exposes John Hughes’ massive financial conflicts of interest) <http://tobaccoanalysis.blogspot.com/2015/02/tomorrows-srnt-annual-meeting-brought.html>

Two new large 2013/14 US surveys (presented at SRNT conference) find:

- 15 to 21 million US adults regularly used e-cigs,
- 3.2 - 4.3 million e-cig users no longer regularly smoke cigarettes,
- about 90% of regular e-cig users were/are ever regular cigarette smokers, and
- e-cigs have served as a “gateway” away from cigarettes for exponentially more people than have regularly used e-cigs prior to regular use of cigarettes.

2013/14 survey (NTBM n=30,136) finds 8.7% of US adults (i.e. 21.1 million) reported ever regular use of e-cigs (i.e. >9 days in any month), among whom 89.0% (i.e. 18.7 million) reported ever regular cigarette smoking, among whom 97.1% (i.e. 18.2 million) reported regular e-cig use after regular cigarette smoking, among whom 23.7% (i.e. 4.3 million) reported no longer regularly smoking cigarettes. Finds ever regular cigarette smokers were 17.2 times more likely to transition to ever regular e-cig use than ever regular e-cigs users were to transition to regular cigarette use, which accounted for just 1.3% (i.e. .2 million) of those who reported ever regular use of cigarettes and e-cigs. (POS4-146, page 333) 2013 US Census of 242.5 million adults was used for estimates. [http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)  
<http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>  
<http://www.census.gov/popest/data/national/totals/2014/index.html>

2013/14 survey (TTM n=11,173) finds 6.1% of US adults (i.e. 14.8 million) self-identified as current regular e-cigarette users, among whom 91.1% (i.e. 13.5 million) reported ever regular use of cigarettes, among whom 97.1% (i.e. 13.1 million) reported regular use of e-cigs after regular use of cigarettes, among whom 24.5% (i.e. 3.2 million) reported no longer regularly smoking cigarettes. Finds smokers were 13.5 times more likely to transition to current regular e-cig use than current regular e-cig users were to transition to regular cigarette use, which accounted for just 1.7% (i.e. .2 million) of those who reported ever regular cigarette use and current e-cig use. (POS4-146, page 333) 2013 US Census of 242.5 million adults was used for estimates.

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

<http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>

<http://www.census.gov/popest/data/national/totals/2014/index.html>

Study of college student use of OTP finds many participants were confused by questions asked in surveys (e.g. BRFSS and PATHS) due to their lack of clarity regarding product content, particularly regarding nicotine vs no nicotine hookah and e-cigs, and marijuana vs tobacco use with cigars, RYO, hookah and e-cigs, indicating that past OTP survey findings inaccurately classified non use of tobacco/nicotine as tobacco use. Authors suggest wording changes in OTP surveys to improve accuracy. (POS4-127, page 326)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

2014 CDC survey of 13,304 US adults finds “past 30 day” use of an e-cig by 21.5% of current smokers, 5.2% of former smokers, and 1.6% of never smokers. But CDC authors ignored those e-cig usage differences (i.e. smokers are exponentially more likely than never smokers to vape), and instead concluded that less relevant and reliable subjective differences in “main reasons for vaping” (as multiple answers could be checked off) between young adults (18-25) and those over 25 should be emphasized for “public health prevention efforts” (i.e. preventing vaping). (PA13-1, page 47)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

2014 survey of adult Oklahomans living in households with children finds past month use of an e-cig reported by 31% of daily smokers, 28% of occasional smokers, 14% of former smokers, and just 1% of nonsmokers (POS4-47, page 298)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

2013 Oklahoma BRFSS data on smokers who tried quitting in past year and former smokers who quit in past year finds 36.7% used e-cigs, 3.2% used nicotine patch and .3% used telephone quitline. (POS4-143, page 332)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of smokers 7 months after they called the Oklahoma Tobacco Helpline finds that 33% used e-cigs (including 24% in past 30 days), 27% used self-help materials, 23% sought help from a health professional, and just 2% bought additional NRT (after being given some NRT by the helpline when they called) (POS3-37, page 237)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of 31 female smokers with cervical dysplasia offered blu e-cigs, nicotine gum or lozenges for smoking cessation and/or reducing cigarette consumption finds 28 chose to use blu e-cigs. After 12 weeks, 8 of the 28 e-cig users (29%) had remained cigarette free for at least past week, 4 (14%) had reduced cigarette consumption by at least 75%, and 7 (25%) had reduced cigarette consumption by at least 50%. (POS4-106, page 318)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of 22 daily smokers with schizophrenia or bi-polar disorder (who weren't trying to quit smoking) who were given 2<sup>nd</sup> generation NJOY e-cigs finds mean cigarette consumption declined from 192 to 67 cigarettes per week (after four weeks), with two smokers quitting smoking by switching to vaping. (PA1-6, page 65)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of 40 smokers intending to quit who were given Green Smoke e-cigs finds 16 were cigarette abstinent after 4 weeks, 17 were dual users of e-cigs and cigarettes, and 7 resumed exclusive cigarette smoking. (POS1-112, page 149)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of first time e-cig buyers finds "lung function, assessed by spirometry, improved significantly from baseline despite the majority of users continuing to smoke cigarettes." (PA13-3, page 48)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study finds vapers retain 96% of nicotine they inhale from an e-cig, confirming that 3<sup>rd</sup> hand vapor (i.e. exhaled by vapers) contains negligible nonhazardous levels of nicotine, but FDA/NCI/NIDA funded authors conclude (despite no evidence) that e-cigs may be as addictive as cigarettes. (POS3-73, page 250)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

2014 study finds 58% of US smokers who never vaped would try using an e-cig if offered one by a friend, 70% believed e-cigs would be helpful for quitting smoking, and 86% believed e-cigs should NOT be banned (POS3-92, page 256)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

FDA funded study utilizing 14 focus groups of 116 vapers (that segmented exclusive vapers vs dual users despite FDA insisting there's no evidence e-cigs help smokers quit) finds participants across the focus groups expressed many positive attitudes towards e-cigs, with a consensus correctly believing e-cigs were less hazardous than cigarettes. (POS3-39, page 238)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey of 79 pregnant and postpartum women in New Haven, CT finds that only 23% correctly perceived maternal vaping as less hazardous than cigarette smoking for fetus and breastfeeding neonates, indicating the War on Vaping is preventing pregnant and breastfeeding women from reducing cigarette consumption. (POS4-63, page 303)  
[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey of college students in upstate NY finds, among those who never used an e-cig, that ever cigarette smokers were 9.4 times more likely than never smokers to be “susceptible” to (i.e. expressed an interest in) future e-cig use, and that 79% of ever smokers had already used an e-cig. (POS3-115, page 264)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey of 3,708 smokers and 2,852 former smokers in US finds former smokers more likely than smokers to use tank system e-cigs (PV/e-liquid), finds smokers who tried to quit smoking in past year were more likely (than smokers who didn’t try to quit) to use tank systems, and finds tank system e-cigs were used by more of those who quit smoking (than by those who still smoke). (POS4-55, page 300)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey of 4,421 vapers finds 64% began vaping with a 1<sup>st</sup> generation e-cig (i.e. cigalike) and subsequently switched to 2<sup>nd</sup> or 3<sup>rd</sup> generation vaporizers, and that 76% had currently used 2<sup>nd</sup> or 3<sup>rd</sup> generation vaporizers; 95% of users of 2<sup>nd</sup> or 3<sup>rd</sup> generation vaporizers rated having a variety of flavor choices as important, and 99% rated having a longer battery life as important. (POS4-119, page 323)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

UK study finds daily “tank” users (PV/e-liquid) were 2.6 times more likely to quit smoking than smokers who didn’t use e-cigs, non daily tank users and daily “cigalike” had similar rates of quitting smoking, and non daily cigalike users were less likely to quit smoking than smokers who didn’t use e-cigs. (POS3-15, page 229)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study finds 2<sup>nd</sup> generation e-cigs more effective than 1<sup>st</sup> generation e-cigs for reducing nicotine withdrawal symptoms (POS2-25, page 183)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study of 100 vape shop customers finds 63% had completely quit smoking, 91% enjoyed vaping more than smoking, 80% preferred non-tobacco e-cig flavors, 85% preferred buying at vape shops because of “access to staff who can troubleshoot EC problems.” (PA1-4, page 65)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Study finds e-liquid containing nicotine sold by many brick and mortar retailers in Canada, and sold/shipped by all online retailers to Canadians (despite Health Canada’s assertion since 2008 that it’s unlawful to sell nicotine containing e-cigs in Canada). (POS3-43, page 239)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey of New Zealanders finds 31% of smokers had used an e-cig (despite an e-cig ban in NZ), 37% had used nicotine patches and 34% had used nicotine gum; finds 56% of daily smokers support repealing e-cig sales ban (POS4-36, page 294).



[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Anti THR propaganda/policy advocacy disguised as scientific research

NIDA funded extremists advocate increasing state tax rates for very low risk OTP and e-cigs to reduce so-called “tax avoidance” for cigarettes. (PA3-1, page 61)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

FDA/NCI funded 2104 survey of 814 US residents aged 13-25 finds cigarette smokers (but not nonsmokers) had positive perceptions of and intentions to use e-cigs; but authors recommend targeting smokers with anti e-cig propaganda. (POS4-67, page 304)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Federally funded activists study and advocate “e-cigarette prevention messages” that would protect cigarette markets and threaten public health. (POS3-35, page 236)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

NIDA funded extremists study, advocate more false fear mongering messages about e-cigs to prevent cigarette smokers from switching to vaping. (POS4-148, page 333)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Federally funded activists cite study finding many teen e-cig users prefer flavored e-cigs as justification for FDA banning e-cig flavorings, claim doing so may be an effective prevention strategy (but fail to admit that doing so could prevent smokers from switching to vaping, and could encourage vapers to switch back to cigarettes) (POS-129, page 269)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

Survey finds teens correctly perceive e-cigs to be far less hazardous and addictive than cigarettes, but FDA/NCI funded authors deceitfully conclude that their “findings suggest that adolescents may initiate use with e-cigarettes” (simply because they know the truth about e-cigs and cigarettes). (POS3-20, page 232)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

FDA/NCI funded focus groups with 13-25 year old OTP users studied their knowledge and beliefs about 10 different HPHCs found in various OTPs, prompting authors to recommend discouraging OTP use with campaigns capitalizing on perceived negative views of HPHCs in OTP (regardless of product risks/benefits) (POS4-125, page 325)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

NCI and CA DPH funded activists (who apparently believe e-cigs and blunt cigars are just as hazardous as cigarettes) study adolescents’ perceptions of risk for e-cigs and blunts, then conclude “This information is of critical importance for creating warning messages and interventions to prevent or stop use of these products among adolescents” even if/when doing so protects cigarette markets. (POS4-142, page 331)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

CDC/FDA focus groups find women 18-40 years perceive NRT as ineffective for smoking cessation, while e-cigs were viewed favorably for smoking cessation and as less hazardous alternatives to cigarettes, which authors conclude “could undermine cessation” (POS4-110, page 320)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

After survey finds vapers primarily vape to quit smoking and improve their health, FDA/NIH/NIDA funded activists cite findings as justification for FDA “developing and refining MRTP regulation,” which (if FDA imposes deeming reg/ban) would ban e-cig manufacturers from truthfully claiming e-cigs are less hazardous than cigarettes. (POS3-25, page 233)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

After survey finds adults with positive perceptions of e-cig advertisements and interpersonal discussions about e-cigs were less concerned about breathing 2<sup>nd</sup> hand vapor and more likely to know 2<sup>nd</sup> vapor is less hazardous than 2<sup>nd</sup> hand smoke; NIH funded activists claim findings may justify regulating e-cig advertising and exaggerating the risks of 2<sup>nd</sup> hand vapor. (P1-7, page 66)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

NIH/NIDA funded activists advocate “imposing marketing restrictions on snus and e-cigarettes as attractive alternatives” to cigarettes and “developing counter-marketing interventions” because young adults correctly perceive these products as less hazardous than cigarettes, and because their marketing may urge smokers to switch to e-cigs or snus (while claiming concern, despite no evidence, that e-cig and snus marketing may “undermine smoking prevention” and “renormalize smoking”). (POS3-42, page 239)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

NCI funded study of smoking cessation quitline counselors (who are hired/paid to hawk FDA approved drugs as the only effective way to quit smoking) finds that 97% were instructed by their employer to tell smokers that e-cigs aren't approved by the FDA, 89% support vaping bans/restrictions, 87% believe e-cig advertising should be regulated like cigarette advertising, 87% believed e-cigs should be taxed like cigarettes, and 67% don't believe e-cigs can help smokers quit. (POS3-64, page 246)

[http://www.srnt.org/conferences/SRNT\\_2015\\_Abstracts\\_WEB.pdf](http://www.srnt.org/conferences/SRNT_2015_Abstracts_WEB.pdf)

FDA creates web page on Harmful and Potentially Harmful Constituents to further protect cigarettes (as required by the FSPTCA) by deceiving the public about the negligible health risks of smokeless tobacco products (and e-cigarettes if FDA imposes the “deeming” reg/ban) while claiming its purpose is to ensure the public isn't misled. <http://www.fda.gov/TobaccoProducts/PublicHealthScienceResearch/HPHCs/default.htm>  
If FDA truly desired to inform the public about risks of different tobacco products, the agency wouldn't have grossly misrepresented the risks of vaping (while denying any benefits for smokers) since 2009, wouldn't have imposed costly MRTP barriers that prevent manufacturers from informing smokers that smokeless tobacco is less hazardous

than cigarettes, and would have supported Reynolds' Citizens Petition to inform smokeless tobacco consumers that smokeless tobacco is less hazardous than cigarettes.

2012/13 NCI push-poll (called HINTS survey) asked US adults if they think some cigarettes are less harmful than others, then falsely claimed e-cigs are cigarettes, then asked participants if they believed e-cigs are as harmful as cigarettes, then reported 39% think e-cigs are less harmful than cigarettes (while 38% inaccurately believed e-cigs are just as or more harmful than cigarettes). Also found just 9% know that smokeless tobacco is less harmful than cigarettes, and just 34% knew that occasional smoking is less hazardous than daily smoking.

[http://www.ajpmonline.org/article/S0749-3797\(14\)00631-X/fulltext](http://www.ajpmonline.org/article/S0749-3797(14)00631-X/fulltext)

[http://www.ajpmonline.org/article/S0749-3797\(14\)00631-X/pdf](http://www.ajpmonline.org/article/S0749-3797(14)00631-X/pdf)

[http://hints.cancer.gov/docs/HINTS\\_4\\_Cycle\\_2\\_English.pdf](http://hints.cancer.gov/docs/HINTS_4_Cycle_2_English.pdf) (page 9)

FDA/NCI grant funds UW to study (i.e. keep misleading the public about) e-cigarettes

[http://badgerherald.com/news/2015/02/18/uw-receives-federal-grant-to-study-e-cigarette-use/#.VPDzSHzF\\_Sm](http://badgerherald.com/news/2015/02/18/uw-receives-federal-grant-to-study-e-cigarette-use/#.VPDzSHzF_Sm)

### FDA Electronic Cigarettes and the Public Health: A Public Workshop

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm428317.htm>

March 10, 2015

Testimony by

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"I'm Bill Godshall, founder and executive director of Smokefree Pennsylvania. Since 1990, we've campaigned to reduce cigarette smoking.

In 2007, we convinced Sen. Mike Enzi to amend the Tobacco Control Act to require large graphic warnings on cigarette packs. But the FDA has not "deemed" that Congressionally mandated public health regulation a priority.

In 2009, we urged then FDA Deputy Commissioner Josh Sharfstein to keep e-cigarettes legal. And in 2010 we filed an amicus brief with the DC Court of Appeals in support of NJOY's litigation challenging FDA's ban, which was struck down as unlawful.

Since 2011, we've opposed the FDA's proposed "deeming" regulation because it would create a huge black market by banning >99.9% of vapor products now on the market, and because it would create an e-cig cartel controlled by Big Tobacco companies to market inferior and more expensive cigalike e-cigs.

For disclosure, neither Smokefree Pennsylvania nor I have ever received any funding from any tobacco, drug or vapor product company.

The scientific and empirical evidence consistently indicates that nicotine vapor products are 99% (+/-1%) less hazardous than cigarettes, have never been found to be associated with any disease, and pose no known risks to nonusers.

Nicotine vapor products have already replaced >3 Billion packs of cigarettes, and are nearly all consumed by smokers and by exsmokers who switched to vaping.

Two new surveys have found that 3 and 4 million US smokers respectively are no longer regular smokers thanks to vapor products, which are at least as effective for smoking cessation as FDA approved NRT products, which have a 95% failure rate.

There's no evidence vapor products have ever created daily dependence in any nonsmoker (youth or adult), and there's no evidence vapor products have served as a gateway to cigarette smoking for any daily smoker (anywhere in the world).

Adult and teen surveys have consistently found that smokers were at least 20 times more likely than nonsmokers to report vaping, while adult and teen smoking rates have declined to new record lows every year since vapor product sales began to skyrocket in 2008.

Public health benefits every time a smoker vapes instead of smoking a cigarette, and vapor products have similar risk/benefit profiles as childhood vaccines, water and sewage treatment, and condoms.

But since 2009, the FDA has made many false and misleading fear mongering claims to confuse, scare and lobby to ban these lifesaving products under the deceitful guise of protecting children and public health. Many FDA funding recipients also have made false and misleading claims to lobby for bans on vapor products and vaping.

Vapers and smokers have a human right to truthful information about, and to legal and affordable access to vapor products.

Consistently, the FDA has an ethical duty to truthfully inform the public, and to ensure that vapor products remain legal and affordable.

The deeming regulation is public health malpractice of the worst kind because it protects cigarettes and threatens the lives of millions of vapers and smokers.

The FDA should rescind its proposed “deeming” regulation, and begin to truthfully tell Americans that vapor products are far less hazardous than cigarettes, and have helped many smokers quit smoking.”

Mitch Zeller announces resignations of 4 TPSAC members, including Chair Jonathan Samet, due to conflicts of interest

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm436783.htm>

<http://abcnews.go.com/Business/wireStory/members-fda-tobacco-panel-leave-court-ruling-29437468>

Bill Godshall predicted Zeller would replace TPSAC Chair Samet in July 2014

<http://www.e-cigarette-forum.com/forum/fda-regulations/585516-judge-leon-strikes-again-rules-fda-tpsac-had-conflicts-interest-quashes-menthol-report-orders-fda-reconstitute-tpsac.html>

ACSH: FDA tobacco advisory committee a nest of conflicted members. Some changes are at hand

<http://acsh.org/2015/03/tobacco-advisory-committee-nest-conflicted-members-changes-hand/>

Brad Rodu: Conflicts of interest exposed, FDA reorganizes tobacco advisory panel

<http://rodutobaccotruth.blogspot.com.es/2015/03/conflicts-of-interest-exposed-fda.html>

NIDA solicits bids for Development of a Standardized Electronic Cigarette for Clinical Research (but will only accept bids for inferior cigalike e-cigs, NOT for PVs/e-liquid, which are more effective for smoking cessation and reducing cigarette consumption); NIDA absurdly claims PVs/e-liquid aren't safe

[https://www.fbo.gov/index?s=opportunity&mode=form&id=b13729ba9ad6a1df0b734ea2a9e0c4cb&tab=core&\\_cview=1](https://www.fbo.gov/index?s=opportunity&mode=form&id=b13729ba9ad6a1df0b734ea2a9e0c4cb&tab=core&_cview=1)

To lobby for FDA's proposed “deeming regulation”, article misleads readers to believe that monthly use of an e-cig, cigar, hookah or smokeless tobacco by teens is just as (or more) hazardous as smoking a half pack of cigarettes daily.

<http://pediatrics.aappublications.org/content/135/3/409.full>

New study of 181 vape shop customers finds 66% had totally quit smoking, and a mean consumption decline from 22.1 to 7.5 cigarettes/day by those who didn't quit smoking; finds 86% began vaping to quit smoking, 89% use PVs and e-liquid products, 72% vape non-tobacco/menthol flavorings, 72% use e-liquid with 2% (20mg/ml) or less nicotine; those who vaped longer, used PVs and e-liquid, and used non-tobacco/menthol flavors were more likely to quit smoking.

<http://onlinelibrary.wiley.com/doi/10.1111/add.12878/abstract>

France's 2014 INPES Health Barometer finds about 400,000 (.9%) French have quit smoking cigarettes by switching to vaping

<http://www.inpes.sante.fr/70000/dp/15/dp150224-def.pdf> (top of page 10)

<http://www.inpes.sante.fr/30000/actus2014/048-cigarette-electronique.asp>  
<http://vaperanks.com/french-health-barometer-reveals-400000-people-have-quit-smoking-using-e-cigarettes/>

Mike Siegel: Study finds almost no hazardous chemicals in aerosol of Blu or Sky-cig e-cigarettes

<http://tobaccoanalysis.blogspot.com/2015/03/study-finds-almost-no-hazardous.html>

Study confirms that e-cigarettes generate virtually no toxins

<http://reason.com/blog/2015/03/04/study-confirms-that-e-cigarettes-generat>  
<http://www.sciencedirect.com/science/article/pii/S0273230014002505>

Public Health England publishes video commentaries by public health experts (and several vaping opponents) about e-cigarettes and vaping

<http://www.clivebates.com/?p=2908>

Mike Siegel's WSJ op/ed exposes lies by Obama's DHHS, CA DPH, NEJM about e-cigs

[http://www.wsj.com/articles/michael-b-siegel-the-misbegotten-crusade-against-e-cigarettes-1424821708?mod=hp\\_opinion](http://www.wsj.com/articles/michael-b-siegel-the-misbegotten-crusade-against-e-cigarettes-1424821708?mod=hp_opinion)  
<http://tobaccoanalysis.blogspot.com/2015/02/wall-street-journal-op-ed-exposes.html>

Linda Bauld corrects false fear mongering claims about vaping, but The Guardian editors chose misleading headline for her op/ed to further confuse, scare and sell papers

<http://www.theguardian.com/science/sifting-the-evidence/2015/feb/23/theres-no-evidence-e-cigarettes-are-as-harmful-as-smoking>

Former WHO official Derek Yach: E-cigarettes save lives

<http://www.spectator.co.uk/health/features-health/cover-feature/9442271/e-cigarettes-save-lives/>  
<http://blogs.spectator.co.uk/damian-thompson/2015/02/smoking-kills-nicotines-doesnt-a-huge-boost-for-the-campaign-to-promote-e-cigarettes/>  
<http://acsh.org/2015/02/former-tobacco-control-official-new-outlook-stemming-lethal-toll-smoking/>

Smokefree Pennsylvania's Bill Godshall testifies at FDA's 3/10/15 anti e-cig workshop, presents scientific and empirical evidence on vaping, exposes false claims by DHHS

<http://www.e-cigarette-forum.com/forum/fda-regulations/658105-fdas-march-9-10-e-cig-workshop-now-live-webinar-2.html#post15415327>

AVA's Greg Conley testifies at FDA's 3/10/15 anti e-cig workshop

<http://vaping.info/news/2015/ava-gives-public-comment-latest-fda-e-cig-workshop>

Former FDA CTP policy director (and former CTFK staff) Eric Lindblom grossly distorts risk/benefit evidence on vapor products, promotes FDA "Deeming" and many more e-cig regulations that protect cigarettes and threaten lives of vapers and smokers (under the deceitful guise of protecting children and public health).

[http://www.law.georgetown.edu/oneillinstitute/news/documents/March10-LindblomFDLJ\\_001.pdf](http://www.law.georgetown.edu/oneillinstitute/news/documents/March10-LindblomFDLJ_001.pdf)

<http://medicalxpress.com/news/2015-03-e-cigarettes-expert.html>

Former DHHS Secretaries Joe Califano and Louis Sullivan falsely conflate e-cigs with cigarettes and e-cig companies with cigarette companies, urge FDA to impose deeming reg/ban (that protects cigarettes) by falsely claiming it would protect kids.

[http://www.huffingtonpost.com/joseph-a-califano-jr/its-about-the-kids\\_b\\_6832876.html](http://www.huffingtonpost.com/joseph-a-califano-jr/its-about-the-kids_b_6832876.html)

Electronic cigarette use and harm reversal: emerging evidence in the lung

Riccardo Polosa: BMC Medicine

<http://www.biomedcentral.com/content/pdf/s12916-015-0298-3.pdf>

<http://acsh.org/2015/03/dr-polosa-italian-vapor-and-tobacco-expert-reviews-e-cigs-in-bmc-medicine/>

<http://tobaccoanalysis.blogspot.com/2015/03/new-commentary-argues-that-electronic.html>

Pinney Associates authors of e-cig flavoring study respond to false accusations about their study by FDA funded Stan Glantz

<http://nicotinepolicy.net/jg/3697-impact-2>

Carl Phillips: Working paper – Gateway effects: Why the cited evidence does not support their existence for low-risk tobacco products (and what evidence would)

<http://ep-ology.com/2015/03/11/working-paper-phillips-gateway-effects-why-the-cited-evidence-does-not-support-their-existence-for-low-risk-tobacco-products-and-what-evidence-would/>

Carl Phillips – Science Lesson: what are vapor, aerosol, particles, liquids, and such?

<http://antithrills.com/2015/03/20/science-lesson-what-are-vapor-aerosol-particles-liquids-and-such/>

Sally Satel – Breakthrough On E-cigarette Bans: How British Adoption Authorities Regained Their Sanity

<http://www.forbes.com/sites/sallysatel/2015/03/04/breakthrough-on-e-cigarette-bans-how-the-british-adoption-authorities-regained-their-sanity/>

Bloomberg Philanthropies gives \$14 million to CDC Foundation, Michael Bloomberg and Bill Gates give millions more to promote and defend tobacco/nicotine prohibition laws worldwide (that exempt Big Pharma's tobacco derived nicotine products)

<http://www.cdcfoundation.org/pr/2015/cdc-foundation-receives-bloomberg-philanthropies-grant-further-monitoring-global-tobacco-use>

<http://www.theguardian.com/society/2015/mar/18/bloomberg-gates-foundation-fund-nations-legal-fight-big-tobacco-courts>

<http://www.wsj.com/articles/bloomberg-gates-launch-antitobacco-fund-1426703947>

<http://www.abc.net.au/worldtoday/content/2015/s4200722.htm>

FDA/NCI/CDC funded UNC activists find minors can unlawfully buy e-cigs online if/when recruited, funded and instructed how to do so by Obama's DHHS, a police chief, a DA, a university and its employees. Activists violate NC law at least 98 times by instructing minors to lie about their age and unlawfully buy e-cigs online with UNC credit cards, and request delivery by carrier (USPS) that doesn't check IDs. Then activists accuse online vendors of marketing e-cigs to youth, urge federal crackdown on online e-cig sales to adults. Police chief and DA conspired to commit ALL these crimes by providing UNC activists and their youth recruits immunity from arrest or prosecution.

<http://archpedi.jamanetwork.com/article.aspx?articleid=2174572>

<http://www.healio.com/pediatrics/practice-management/news/online/%7B7f613daf-e926-4fb5-b9ee-720927362867%7D/online-age-verification-fails-to-prevent-minors-from-purchasing-e-cigarettes>  
<http://www.e-cigarette-forum.com/forum/media-general-news/660218-fda-funded-unc-activist-unlawfully-instruct-minors-how-illegally-buy-e-cigs-online-than-claim-internet-vendors-sell-e-cigs-youth.html>  
<http://www.ncga.state.nc.us/Sessions/2013/Bills/Senate/HTML/S530v6.html>

Note that 2013 NC law prohibits minors from purchasing vapor products and prohibits adults from assisting or encouraging minors with unlawful vapor products purchases. ).  
<http://www.ncga.state.nc.us/Sessions/2013/Bills/Senate/HTML/S530v6.html>

Extremists at RTI (which has received more than \$873 million from NIH) misrepresent nonexistent risks of e-cig aerosol to confuse, scare, obtain more funding, lobby for vaping bans and FDA's proposed deeming reg/ban  
[http://www.rti.org/pubs/Secondhand\\_Exposure\\_to\\_Electronic\\_Cigarette\\_Emissions.pdf](http://www.rti.org/pubs/Secondhand_Exposure_to_Electronic_Cigarette_Emissions.pdf)  
<http://www.rti.org/publications/rtipress.cfm?pubid=24019>  
[http://projectreporter.nih.gov/Reporter\\_Viewsh.cfm?sl=13EAC10C4E84C2D27598B8961CAA4A01A2FFCEB861BF](http://projectreporter.nih.gov/Reporter_Viewsh.cfm?sl=13EAC10C4E84C2D27598B8961CAA4A01A2FFCEB861BF)  
<https://www.yahoo.com/health/secondhand-e-cig-vapor-can-penetrate-paint-what-113444498677.html>

FDA/NIH funded Stan Glantz misrepresents findings of more than a dozen studies on e-cigs to falsely claim that smokers who use e-cigs are less likely to quit smoking and to falsely claim e-cigs "keep people smoking cigarettes," urges state/local governments to falsely claim e-cigs "keep people smoking cigarettes," urges FDA to further deny e-cig companies of US Constitutional right to truthfully inform consumers about e-cigs.  
<http://tobacco.ucsf.edu/meta-analysis-all-available-population-studies-continues-show-smokers-who-use-e-cigs-less-likely-quit-smoking>  
<http://tobacco.ucsf.edu/two-more-well-done-studies-show-e-cig-use-associated-significantly-less-quitting-smoking>

NJ Poison Information and Education director Steven Marcus grossly exaggerates negligible risks posed by e-liquid to confuse and scare, fails to acknowledge that drugs and household cleaners cause >100 times more calls to poison control centers than e-cigs.  
<http://www.northjersey.com/news/n-j-issues-warning-on-liquid-nicotine-used-in-e-cigarettes-1.1287965>

April 2015

FDA funded Stan Glantz protects cigarette by telling even more lies about e-cigs  
<http://www.wired.com/2015/04/war-vapings-health-risks-getting-dirty/>

E-cigarettes poised to save Medicaid billions  
<http://www.statebudgetsolutions.org/publications/detail/e-cigarettes-poised-to-save-medicaid-billions#ixzz3W1JxiUUP>

UK's Public Health Minister Jane Ellison tells the truth about vapor product and vaping  
<http://www.parliament.uk/business/publications/written-questions-answers-statements/written-question/Commons/2015-03-11/227133/>



California State Univ. chemist Dr. Chris Nichols tells truth about negligible risks of vaping and even lower (or nonexistent) risk of 2<sup>nd</sup> hand e-cig vapor

<http://www.revereradiationetwork.com/california-state-university-chemistry-professor-no-scientific-reason-to-restrict-vaping/>

<https://soundcloud.com/am1150/dr-chris-nichols-mike-stanley-e-cigs> (audio)

Nicotine, the wonder drug? This notorious stimulant may enhance learning and help treat Parkinson's, schizophrenia and other neurological diseases.

<http://discovermagazine.com/2014/march/13-nicotine-fix>

<http://antithrilies.com/2015/03/27/nice-pop-press-article-on-the-benefits-of-nicotine-outsource/>

Wells Fargo's Bonnie Herzog reports "cigalike" e-cig sales volume in US increased by 40.5% (during 4 weeks ending 3/21/15 compared to year ago), e-cig prices have declined by 22%, overall e-cig sales (in dollars) have increased by 9.6%, and that sales of Premium Vaporizers and e-liquids (aka VTMs) are growing three times faster. Herzog advocates FDA deeming reg/ban that protects Big Tobacco, bans >99% of vape products.

<http://www.e-cigarette-forum.com/forum/media-general-news/663760-wells-fargos-bonnie-herzog-reports-e-cig-sales-volume-c-stores-up-40-prices-decline-22-since-2014-a.html#post15542206>

ACSH's Gil Ross: The shame of America's "Public Health" (Godshall comments)

[http://www.science20.com/tip\\_of\\_the\\_spear/the\\_shame\\_of\\_americas\\_public\\_health-154174](http://www.science20.com/tip_of_the_spear/the_shame_of_americas_public_health-154174)

CDC activists lobby for FDA deeming regulation, vaping bans, e-cig taxes, marketing restrictions, fear mongering warnings in so-called scientific paper that misrepresented the scientific evidence on e-cigs and never addressed the policies advocated by its authors.

[http://www.ajpmonline.org/article/S0749-3797\(15\)00035-5/pdf](http://www.ajpmonline.org/article/S0749-3797(15)00035-5/pdf)

Carl Phillips: New CDC study on how to write conclusions that do not follow from the analysis

<http://antithrilies.com/2015/03/24/new-cdc-study-on-how-to-write-conclusions-that-do-not-follow-from-the-analysis/>

FDA funded Stan Glantz touts CDC junk science propaganda that demonizes nicotine and e-cigs, lobbies for FDA deeming reg/ban

<http://tobacco.ucsf.edu/cdc-publishes-more-evidence-nicotine-dangerous-all-itself>

FDA sponsored IOM Cmte issues report on "Agent-Based Models" (ABM) to purportedly assess different tobacco policies using complex computational models. But first sentence of Report Brief falsely claims "Tobacco consumption continues to be the leading cause of preventable death and disease in the United States." In fact, cigarette smoking is the leading cause of preventable death and disease in the US.

<http://www.iom.edu/Reports/2015/Tobacco-Policy-Agent-Based-Modeling.aspx>

<http://www.iom.edu/~media/Files/Report%20Files/2015/TobaccoModeling/ABMreportbrief.pdf>

<http://www.iom.edu/~media/Files/Report%20Files/2015/TobaccoModeling/ABMevaluationframework.pdf>

Kristy's Story reveals that Kristy's lung collapsed after she quit vaping and switched back to exclusive cigarette smoking, which was likely caused by CDC's and FDA's false and misleading fear mongering claims about e-cigs since 2009.

<http://www.cdc.gov/tobacco/campaign/tips/stories/kristy.html>

CDC ad misrepresents Kristy's story, falsely blames e-cigs for cigarette caused disease  
<http://www.cdc.gov/tobacco/campaign/tips/resources/ads/tips-4-ad-kristy-full.pdf>

May 2014 CDC ad offering \$2,500 to sick vapers to star in TV ads demonizing e-cigs  
<http://www.ecigadvanced.com/blog/wp-content/uploads/2014/05/2015-Tips-Campaign-Recruitment-Flyer-All-Conditions.pdf>

CDC 3/26/15 press release announcing anti e-cig ad  
<http://www.cdc.gov/media/releases/2015/p0326-tips.html>

ACSH: The CDC in cahoots with the CA "health" dept ramps up its anti-e-cig propaganda  
<http://acsh.org/2015/03/the-cdc-in-cahoots-with-the-ca-health-dept-ramps-up-its-anti-e-cig-propaganda/>

Carl Phillips: CDC prepares to launch massive anti-ecig lie campaign  
<http://antithrlies.com/2015/03/26/cdc-prepares-to-launch-massive-anti-ecig-lie-campaign/>

Vapers takeover CDC Tips twitter hashtag that lies about e-cigs  
<https://twitter.com/hashtag/CDCTips?src=hash>  
<https://twitter.com/search?f=realtime&q=%23tipstakeover>  
<https://twitter.com/search?q=%23tipstakeover>

Unlike CDC, CASAA posts truthful testimonials by vapers  
[http://casaa.org/E-cig\\_User\\_Testimonials.html](http://casaa.org/E-cig_User_Testimonials.html)  
<http://testimonials.casaa.org/testimonials/>

Sheepish news media hype CDC's ad demonizing e-cigs without fact checking, and without reporting any of CDC's unethical actions, or false and misleading claims.  
<http://www.wsj.com/articles/u-s-ad-campaign-to-challenge-value-of-e-cigarettes-in-quitting-smoking-1427343161?KEYWORDS=CDC+e-cigarettes+ads>  
<http://www.washingtonpost.com/news/to-your-health/wp/2015/03/26/cdc-anti-smoking-ads-target-vaping-for-the-first-time-highlight-tobaccos-links-to-variety-of-diseases/>

Bloomberg news hypes CDC's lies about e-cigs without any fact checking, falsely portrays vapor industry as Big Tobacco, touts junk science on e-cig ads, quotes Big Pharma shills at CTFK and ALA without disclosing their financial conflicts of interest.  
<http://www.bloomberg.com/news/articles/2015-03-26/the-cdc-s-anti-smoking-ads-now-include-e-cigarettes>

ABC News article reveals CDC ad falsely insinuates that e-cigs caused lung disease, but only because it included quotes by AVA's Greg Conley  
<http://abcnews.go.com/Health/cdc-creates-anti-smoking-ad-cites-cigarettes/story?id=29952440>

Damian Thompson: America declares war on e-cigarettes. But it's an ideological battle, not a medical one  
<http://blogs.spectator.co.uk/spectator-surgery/2015/03/america-declares-war-on-e-cigarettes-but-its-an-ideological-battle-not-a-medical-one/>

CA Dept of Public Health still blowing smoke; newly appointed director Karen Smith repeats false fear mongering claims about vaping, new taxpayer funded "Wake Up" ads

deceitfully equate vaping with cigarette smoking and vapor companies with cigarette companies, unethically encourage youth to vape by showing youth vaping in ads

<http://stillblowingsmoke.org/>

[http://www.cdph.ca.gov/Documents/PH15-](http://www.cdph.ca.gov/Documents/PH15-024%20California%20Debuts%20Ads%20to%20Counter%20E-cigarettes.pdf)

[024%20California%20Debuts%20Ads%20to%20Counter%20E-cigarettes.pdf](http://www.cdph.ca.gov/Documents/PH15-024%20California%20Debuts%20Ads%20to%20Counter%20E-cigarettes.pdf)

<https://www.youtube.com/watch?v=jaMgWUBPeHY&feature=youtu.be>

<https://www.youtube.com/watch?v=jcFgRPEiQGE&feature=youtu.be>

<http://www.sacbee.com/news/politics-government/capitol-alert/article15531809.html>

<http://www.turlockjournal.com/section/12/article/28946/>

<http://www.vox.com/2015/3/28/8301923/e-cigarette-information>

Vapers counter, overwhelm CA Dept of Public Health “stillblowingsmoke” lies about e-cigs with “notblowingsmoke”, set record straight about vaping and CA DPH lies.

<http://stillblowingsmoke.org/>

<http://notblowingsmoke.org/>

[http://fdm.ukvaping.com/2015/03/still-not-blowing-smoke/?\\_ga=1.116545156.385758223.1421259030](http://fdm.ukvaping.com/2015/03/still-not-blowing-smoke/?_ga=1.116545156.385758223.1421259030)

United Vapers Network: They Are StillBlowingSmoke (parody on CA DPH and other anti vaping extremists)

<https://www.youtube.com/watch?v=WX6vP6knIyo>

ATR: Documents: California Dept of Public Health launches \$75 million campaign to discourage vaping

<http://www.atr.org/california-department-public-health-launches-75-million-campaign-discourage-vaping>

Mike Siegel: California Dept of Public Health running campaign to keep smokers from switching to electronic cigarettes

<http://tobaccoanalysis.blogspot.com/2015/03/california-department-of-public-health.html>

Gutfeld: California ads trashing e-cigs ‘demonize with flimsy lies’

<http://insider.foxnews.com/2015/03/27/gutfeld-california-ads-trashing-e-cigs-demonize-flimsy-lies>

Mike Siegel: California Department of Public Health e-cigarette website is full of lies; why can’t they just tell the truth?

[http://tobaccoanalysis.blogspot.com/2015/03/california-department-of-public-health\\_26.html](http://tobaccoanalysis.blogspot.com/2015/03/california-department-of-public-health_26.html)

California launches campaign against e-cigarettes, vaping advocates tell the truth

<http://www.sbsun.com/health/20150323/california-launches-campaign-against-e-cigarettes>

Survey finds teen smokers and exsmokers in UK were 14 and 10 times (respectively) more likely to report “ever use/access” of an e-cig than never smokers, and were more likely to engage in risk taking behaviors (as has always been the case with teen smokers). But deceitful authors never asked key questions about e-cig usage patterns (while doing so for cigarette smoking and drinking) or content of e-cig since doing so would have revealed that nonsmokers are NOT regular vapers and they rarely vape nicotine.

<http://www.biomedcentral.com/1471-2458/15/244>

Then survey authors and Biomed Central misrepresented their findings in study’s conclusion and press release, falsely claim “ever use” of an e-cig is harmful and a gateway to smoking/drinking/drug use, falsely claim smokers don’t use e-cigs to quit.

<http://www.biomedcentral.com/1471-2458/15/244>

[http://www.eurekalert.org/pub\\_releases/2015-03/bc-eab032515.php](http://www.eurekalert.org/pub_releases/2015-03/bc-eab032515.php)  
<http://www.webmd.com/smoking-cessation/news/20150331/e-cigs-tied-to-drinking-other-risky-teen-behaviors>  
<http://consumer.healthday.com/kids-health-information-23/kids-and-alcohol-health-news-11/e-cigarettes-used-by-many-teens-who-are-smokers-study-shows-697893.html>

UK news media repeat and further hype false fear mongering claims by vaping opponents who misrepresented their survey finding more UK teen smokers have switched to vaping

<http://www.bbc.com/news/health-32117019>  
<http://www.dailymail.co.uk/wires/reuters/article-3018905/One-five-teens-tried-e-cigarettes-British-study-finds.html>  
<http://www.mirror.co.uk/news/uk-news/teenagers-danger-risking-health-e-cigarettes-5431031>  
<http://www.telegraph.co.uk/news/science/science-news/11504642/Four-in-10-teenage-e-cigarette-users-would-not-have-smoked-warn-health-experts.html>  
<http://www.thetimes.co.uk/tto/health/news/article4397846.ece>  
<http://www.theguardian.com/science/2015/mar/31/scientists-issue-call-for-urgent-controls-on-e-cigarette-sales-to-children>

Clive Bates: Alarmist survey on teenage vaping misses the point – reaction

<http://www.clivebates.com/?p=2961>

Carl Phillips: A real peer review of Hughes et al paper on teenage use of e-cigs

<http://antithrilies.com/2015/03/31/a-real-peer-review-of-hughes-et-al-paper-on-teenage-use-of-ecigs/>

Survey of 10-11 year olds in Wales unsurprisingly finds children of smokers and vapers were more likely to have “ever used” an e-cig than children of nonsmokers and nonvapers, asks about their “intention to smoke” in next two years (despite no evidence that any intentions of 10-11 year olds are linked to future behaviors). Then authors deceitfully conclude that “ever use” of an e-cig encourages youth to smoke.

<http://tobaccocontrol.bmj.com/content/early/2014/12/22/tobaccocontrol-2014-052011.long>

FDA and NIH funded Stan Glantz hypes and misrepresents junk survey of 10-11 year olds to falsely claim e-cigs are gateways to cigarette smoking.

<http://tobacco.ucsf.edu/evidence-e-cigarette-use-associated-increased-susceptibility-smoking-among-10-11-year-olds-uk>

Mike Siegel: E-cigarette opponent uses cross-sectional study to conclude that e-cigs are a gateway to smoking

<http://tobaccoanalysis.blogspot.com/2015/03/stan-glantz-uses-cross-sectional-study.html>

Brad Rodu: Do e-cigarette ads promote vaping?

<http://rodutobaccotruth.blogspot.com/2015/03/do-e-cigarette-ads-promote-vaping.html>

BMA’s Dr. George Rae falsely claims e-cigs are more harmful than smoking cigarettes

<http://www.bbc.co.uk/programmes/p02m9vqn> (begins at 2:07:30)

<https://docs.google.com/document/d/1mVpqHcbxX-sJSLtfjgnYOBi1XOPghnB6QScZSoAjC4Y/edit?usp=sharing&pli=1> (transcript)

Brad Rodu: British Medical Association misleads on e-cigarettes

<http://rodutobaccotruth.blogspot.com/2015/04/british-medical-association-misleads-on.html>

Univ. of Ill. Dean Schraufnagel, author of paper calling for e-cigarette prohibition, falsely claims smoking caused heart attacks and diseases are caused by nicotine (not smoking)

<https://www.youtube.com/watch?v=07DtAgg5zvM&t=407>

<https://drive.google.com/file/d/0B6fWUWFnczWaUITZDFvTFNwa0puWkNhWHdkSEYyX1NaS3Iw/view?pli=1>

Vapers and THR advocates tell truth about vaping, while FDA's Mitch Zeller claims ignorance of scientific evidence

<http://www.newsworks.org/index.php/local/the-pulse/80136-as-the-federal-government-considers-regulation-for-e-cigarettes-a-debate-wages>

FDA congratulates itself for tobacco regulatory research and scientific integrity by falsely claiming its unethical THR prohibition and propaganda policies (e.g. 2009 unlawful e-cig ban, Deeming Reg to ban >99% of e-cigs, false and misleading warnings on smokeless tobacco) have been and are based upon scientific evidence.

<http://www.fda.gov/TobaccoProducts/PublicHealthScienceResearch/ucm436335.htm?>

Obama's CDC/NIOSH urges all employers to ban all tobacco use (and vaping) despite no evidence that smokeless tobacco or e-cigs pose safety or health risks to nonusers, despite the many health benefits smokeless tobacco and e-cigs provide to smokers who switch, despite the economic and social benefits of allowing employees and/or customers to use smokefree tobacco/nicotine alternatives (compared to telling people to go outside every time they want to use smokeless or vape), and despite the impossibility of enforcing smokeless tobacco use and vaping bans; urges all employers to promote less-than-effective and less-than-safe Big Pharma drugs to employees who use tobacco or vape.

[http://www.cdc.gov/niosh/docs/2015-113/pdfs/cib-67\\_2015-113\\_v5.pdf](http://www.cdc.gov/niosh/docs/2015-113/pdfs/cib-67_2015-113_v5.pdf)

<http://www.cdc.gov/niosh/docs/2015-113/>

<http://facilityexecutive.com/2015/04/new-niosh-report-recommends-smoking-ban/>

Mike Siegel: CDC's False Statements About E-Cigs are Still Doing Damage; Agency Needs to Retract Statements Immediately

<http://tobaccoanalysis.blogspot.com/2015/04/cdcs-false-statements-about-e-cigs-are.html>

FL survey finds teen smokers far more likely to use e-cigs than nonsmokers, no evidence e-cigs a gateway to smoking. But anti THR activist author Tracey Barnett misrepresents findings to news media "The findings are troubling because they indicate that e-cigarettes may be serving as an introduction to smoking for a group who may have never started."

[http://www.ajpmonline.org/article/S0749-3797\(15\)00077-X/abstract](http://www.ajpmonline.org/article/S0749-3797(15)00077-X/abstract)

<http://www.news4jax.com/health/uf-study-more-florida-teens-using-ecigarettes/32210684>

FDA/NIH funded Stan Glantz protects cigarette by telling even more lies about e-cigs

<http://www.wired.com/2015/04/war-vapings-health-risks-getting-dirty/>

CDC NYTS finds record 28% annual decline in, and record low "past 30 day" cigarette smoking among high school students from 2013 to 2014 (from 12.7% to 9.2%), and record low smoking rate among middle school students (declining from 2.9% to 2.5%); but CDC falsely classifies all e-cigs and hookah as "tobacco products" (as many e-cig and shisha products contain no nicotine) to exaggerate use of nicotine containing e-cigs

and hookah, to falsely claim tobacco use increased, and to lobby for FDA deeming reg (that would ban >99.9% of e-cigs).

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6414a3.htm?s\\_cid=mm6414a3\\_w](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6414a3.htm?s_cid=mm6414a3_w)

CDC press release ignores historic decline in smoking, instead touts increase in e-cig and hookah use to confuse, scare and lobby for FDA deeming reg (to ban >99.9% of e-cigs), repeats false claims that all e-cigs and hookah are tobacco products.

<http://www.cdc.gov/media/releases/2015/p0416-e-cigarette-use.html>

FDA touts and expounds upon CDC's false claims that all e-cigs and hookah are "tobacco products", hypes increase in teen e-cig and hookah use, buries record low teen cigarette smoking findings (chart on bottom right).

<http://www.fda.gov/TobaccoProducts/ProtectingKidsfromTobacco/ucm405173.htm>

Only two e-cig surveys have inquired about the content of e-cigs.

2013 international survey found 53% of 88 nonsmokers who began vaping reported using no-nicotine vapor products, and that 3.5% of >19,000 vapers who were current or former smokers reported using no-nicotine vapor products.

<http://www.mdpi.com/1660-4601/11/4/4356/htm>

The 2014 Canadian survey/poll (as previously stated) found:

- 63% of vapers who quit smoking vape no-nicotine vapor products,
- 96% of never smokers who had ever used an e-cig vaped a no-nicotine vapor product,
- 68% of vapers who still smoke vape nicotine products (38% always, 30% sometimes),
- 29% of vapers always vape nicotine, 24% sometimes do, and 47% never vape nicotine,
- 64% of smokers, 27% of ex-smokers, and 9% of never smokers "ever used" an e-cig,

<http://poll.forumresearch.com/post/197/two-thirds-using-e-cigs-to-quit-one-quarter-to-one-third-are-successful>

[http://poll.forumresearch.com/data/Federal%20E-](http://poll.forumresearch.com/data/Federal%20E-Cig%20News%20Release%20(2014%2012%2011)%20Forum%20Research.pdf)

[Cig%20News%20Release%20\(2014%2012%2011\)%20Forum%20Research.pdf](http://poll.forumresearch.com/data/Federal%20E-Cig%20News%20Release%20(2014%2012%2011)%20Forum%20Research.pdf)

Among all students, CDC's NTYS found:

"Past 30 day" cig smoking among all middle school students (6<sup>th</sup> – 9<sup>th</sup> grade)

2011 - 4.3%

2012 - 3.5%

2013 - 2.9%

2014 – 2.5%

"Past 30 day" e-cig use among all middle school students (6<sup>th</sup> – 9<sup>th</sup> grade)

2011 - .6%

2012 - 1.1%

2013 - 1.1%

2014 - 3.9%

"Past 30 day" cigarette smoking among all high school students (9<sup>th</sup>-12<sup>th</sup> grade)

2011 - 15.8%  
2012 - 14.0%  
2013 - 12.7%  
2014 - 9.5%

“Past 30 day” e-cig use among all high school students (9<sup>th</sup> – 12<sup>th</sup> grade)

2011 - 1.5%  
2012 - 2.8%  
2013 - 4.5%  
2014 - 13.4%

2014 NYTS finding that 9.5% of high school students smoked a cigarette in “past 30 days” shatters DHHS’s Healthy People 2020 target of 16%, which is the only Healthy People goal ever achieved for tobacco use.

<https://www.healthypeople.gov/node/3510/objectives#5287>

<https://www.healthypeople.gov/2020/data-search/Search-the-Data?nid=5342>

<https://www.healthypeople.gov/2020/topics-objectives/topic/tobacco-use/national-snapshot>

FDA acting head Stephen Ostroff says agency moving “full speed ahead” to impose deeming reg/ban (that would protect cigarettes by banning >99.9% of e-cigs), touts CDC’s false and misleading claims about e-cigs and NYTS data; Godshall comments

<http://thehill.com/policy/healthcare/239426-new-fda-head-full-steam-ahead-on-e-cig-rules>

FDA’s Mitch Zeller misrepresents NYTS data (finding record declines and record low teen smoking rates as e-cig use increased) by claiming “the progress we have made in reducing youth cigarette smoking rates is being threatened” by e-cigarettes

<http://www.cdc.gov/media/releases/2015/p0416-e-cigarette-use.html>

Sally Satel: Their product is doubt – Deceptive Government Campaign Against Electronic Cigarettes

<http://www.forbes.com/sites/sallysatel/2015/04/14/their-product-is-doubt-deceptive-government-campaign-against-electronic-cigarettes/>

Mike Siegel: New CDC Report on E-Cigarettes Shatters Gateway Myth, Suggests Shift from Hazardous Smoking to Much Safer Vaping among Youth

<http://tobaccoanalysis.blogspot.com/2015/04/new-cdc-report-on-e-cigarettes-shatters.html>

AVA: NYTS again finds dramatic declines in youth smoking as vaping increases

<http://vaping.info/news/2015/nyts-again-finds-dramatic-declines-in-youth-smoking-as-vaping-increases>

Jacob Sullum: Smoking and vaping keep moving in opposite directions among teenagers Where is this “gateway effect” we keep hearing about?

<http://reason.com/blog/2015/04/16/smoking-and-vaping-are-still-moving-in-o>

ACSH: CDC’s latest survey on teen “tobacco” use conflates vaping with smoking. But it’s not the same.

<http://acsh.org/2015/04/cdcs-latest-survey-on-teen-tobacco-use-conflates-vaping-with-smoking-but-its-not-the-same/>

Joe Nocera: Peering through the haze (of CDC's claims about teens, e-cigs & cigarettes)  
<http://www.nytimes.com/2015/04/18/opinion/joe-nocera-peering-through-the-haze.html>

George Will: When bootleggers and Baptists converge (to demonize//ban/tax e-cigs)  
[http://www.washingtonpost.com/opinions/when-bootleggers-and-baptists-converge/2015/04/22/2b6f0ffa-e85a-11e4-9a6a-c1ab95a0600b\\_story.html](http://www.washingtonpost.com/opinions/when-bootleggers-and-baptists-converge/2015/04/22/2b6f0ffa-e85a-11e4-9a6a-c1ab95a0600b_story.html)

Mike Siegel: CDC is running a dishonest campaign against e-cigarettes which is renormalizing smoking  
<http://tobaccoanalysis.blogspot.com/2015/04/cdc-is-running-dishonest-campaign.html>

Mike Siegel: CDC refuses to ask critical survey question so that results don't foul up its attack on e-cigarettes  
<http://tobaccoanalysis.blogspot.com/2015/04/cdc-refuses-to-ask-critical-survey.html>

USA Today article repeats and further hypes CDC's false claims about e-cigs, former AP reporter Michael Felberbaum (who wrote many stories misrepresenting the evidence on e-cigs and advocating FDA's proposed deeming reg) now works as FDA spokesman.  
<http://www.usatoday.com/story/news/2015/04/16/teen-ecigarette-use-triples/25853003/>

NY Times headline and article hype CDC hysteria about rising e-cig use among teens, quotes Tom Frieden on record low teen smoking rate "This is a really bad thing."  
<http://www.nytimes.com/2015/04/17/health/use-of-e-cigarettes-rises-sharply-among-teenagers-report-says.html>

NY Times hoaxed by teen who made up claims about e-cigs  
[http://www.imediaethics.org/News/10177/Nytimes\\_hoaxed\\_by\\_twitter\\_source\\_scrubs\\_e-cigarette\\_story.php](http://www.imediaethics.org/News/10177/Nytimes_hoaxed_by_twitter_source_scrubs_e-cigarette_story.php)

NY Times editorial conflates e-cig and smokeless tobacco risks with those of cigarettes (which are >100 times more harmful), repeats CDC and FDA fear mongering lies about e-cigs to lobby for deeming reg/ban, urges FDA to reject Swedish Match's MRTP application to truthfully tell consumers that snus is less hazardous than cigarettes.  
<http://www.nytimes.com/2015/04/23/opinion/the-perils-of-smokeless-tobacco.html>

Washington Post front page article hypes CDC fear mongering claims about NYTS findings, includes accurate statements by Mike Siegel and SFATA  
[http://www.washingtonpost.com/national/health-science/e-cigarette-use-triples-among-middle-and-high-school-students-study-says/2015/04/16/16632674-e3bd-11e4-81ea-0649268f729e\\_story.html](http://www.washingtonpost.com/national/health-science/e-cigarette-use-triples-among-middle-and-high-school-students-study-says/2015/04/16/16632674-e3bd-11e4-81ea-0649268f729e_story.html)

Washington Post editorial hypes CDC's false and misleading claims about e-cigs, absurdly claims e-cigs could increase teen smoking, promotes FDA Deeming Regulation (that would ban >99.9% of nicotine vapor products) and even more FDA e-cig restrictions that would protect cigarettes.  
[http://www.washingtonpost.com/opinions/how-to-regulate-e-cigarettes/2015/04/18/b590b962-e531-11e4-b510-962fcfab310\\_story.html](http://www.washingtonpost.com/opinions/how-to-regulate-e-cigarettes/2015/04/18/b590b962-e531-11e4-b510-962fcfab310_story.html)



Many more irresponsible news media repeat CDC false fear mongering claims about e-cigs and teens to lobby for deeming reg/ban with very little or no fact checking

<http://www.cbsnews.com/news/cdc-reveals-alarms-news-about-teen-e-cigarette-use/>

[http://www.huffingtonpost.com/2015/04/16/e-cigarettes-smoking-health\\_n\\_7080548.html](http://www.huffingtonpost.com/2015/04/16/e-cigarettes-smoking-health_n_7080548.html)

<http://www.npr.org/blogs/health/2015/04/16/400144741/use-of-e-cigarettes-triples-among-u-s-teens>

<http://www.motherjones.com/kevin-drum/2015/04/teenagers-vaping-nicotine>

<http://consumer.healthday.com/cancer-information-5/tobacco-and-kids-health-news-662/e-cigarette-use-triples-among-u-s-teens-in-1-year-698513.html>

<http://www.csmonitor.com/USA/USA-Update/2015/0417/Adolescent-e-cigarette-use-triples-Is-vaping-renormalizing-nicotine-video>

<http://www.northjersey.com/news/e-cigarette-use-triples-among-teenagers-feds-say-1.1311066>

<http://www.post-gazette.com/opinion/editorials/2015/04/20/Vapor-trail-Rising-teen-use-of-e-cigarettes-is-a-perilous-trend/stories/201504200022>

Mike Siegel: E-cigarette opponent admits that he wants to suppress the truth about vaping success

<http://tobaccoanalysis.blogspot.com/2015/04/e-cigarette-opponent-admits-that-he.html>

CDC alters anti smoking ad after Ostomy Association complains, but won't remove or change ad that falsely and deceitfully insinuates e-cigs caused collapsed lung in smoker

<http://www.washingtonpost.com/news/to-your-health/wp/2015/04/21/cdc-alters-anti-smoking-ads-after-complaint-from-ostomy-association/>

US Sen. Dick Durbin calls lifesaving e-cigs “potentially deadly”, falsely claims “the number of young people getting hooked” on e-cigs is “growing exponentially” (despite no evidence any nonsmoker has ever become addicted to e-cigs), claims FDA deeming regulation (that would protect cigarettes by banning >99% of e-cigs) is “commonsense”.

<http://www.durbin.senate.gov/newsroom/press-releases/with-more-youth-using-e-cigarettes-than-ever-before-durbin-demands-fda-action>

Big Pharma financed CTFK push poll demonizes e-cigs and cigars, grossly misrepresents 2009 FSPTCA and FDA Deeming Regulation (to ban >99.9% of e-cigs), then CTFK deceitfully claims most Americans voters support more FDA tobacco regulations.

[http://www.tobaccofreekids.org/content/press\\_office/2015/2015\\_04\\_14\\_poll\\_questions.pdf](http://www.tobaccofreekids.org/content/press_office/2015/2015_04_14_poll_questions.pdf)

[http://www.tobaccofreekids.org/press\\_office/2015/2015\\_04\\_14\\_fda](http://www.tobaccofreekids.org/press_office/2015/2015_04_14_fda)

[http://tfk.org/content/press\\_office/2015/2015\\_04\\_14\\_poll\\_presentation.pdf](http://tfk.org/content/press_office/2015/2015_04_14_poll_presentation.pdf)

[http://www.tobaccofreekids.org/content/press\\_office/2015/2015\\_04\\_14\\_poll\\_memo.pdf](http://www.tobaccofreekids.org/content/press_office/2015/2015_04_14_poll_memo.pdf)

Obama's first Surgeon General Regina Benjamin to head Legacy campaign to ban vaping and smokeless tobacco use at black universities under guise of reducing smoking.

<http://legacyforhealth.org/newsroom/press-releases/former-u.s.-surgeon-general-leads-tobacco-free-historically-black-colleges-and-universities-initiative>

E-liquid safety

First case of fatal childhood nicotine poisoning ruled accidental, but mandatory child-resistant packaging law(s) WOULDN'T have prevented incident because adult sister of mother's spouse irresponsibly removed the cap from a bottle of e-liquid, left opened bottle of e-liquid sitting out on a low table in the dining room, then went out shopping.

<http://www.timesunion.com/news/article/Case-closed-in-Fort-Plain-liquid-nicotine-death-6195411.php>

2012/13 UK survey found daily users of Premium Vaporizers & e-liquid (aka tanks) were more likely to quit smoking than smokers who didn't use e-cigarettes, found daily e-cig users were 2.5 times more likely than nonusers to reduce cigarette consumption by at least 50% after one year

<http://ntr.oxfordjournals.org/content/early/2015/04/20/ntr.ntv078.abstract>

<http://onlinelibrary.wiley.com/doi/10.1111/add.12917/abstract>

<http://www.dailymail.co.uk/health/article-3047441/Smokers-quit-smoking-e-cigarette-day-likely-succeed.html#ixzz3XvsYLne9>

<http://uk.reuters.com/article/2015/04/20/us-health-ecigarettes-idUKKBN0NB2KQ20150420>

<http://www.independent.co.uk/life-style/health-and-families/health-news/realistic-looking-ecigarettes-less-likely-to-help-smokers-quit-study-claims-10190877.html>

<http://www.theguardian.com/society/2015/apr/21/ecigarettes-giving-up-smoking-research-nicotine>

<http://www.eveningexpress.co.uk/news/uk/tank-e-cig-users-better-at-quitting-1.866432>

Welsch survey finds many youth try e-cigs, but very few regularly use; finds youth smokers 100 times more likely than nonsmokers to regularly use e-cigs

<http://www.sciencedaily.com/releases/2015/04/150415203535.htm>

<http://bmjopen.bmj.com/content/5/4/e007072>

<http://bmjopen.bmj.com/content/5/4/e007072.full.pdf+html>

<http://blogs.bmj.com/bmjopen/2015/04/15/many-teens-try-e-cigarettes-but-few-become-regular-users/>

<http://www.sciencedaily.com/releases/2015/04/150415203535.htm?>

<http://consumer.healthday.com/kids-health-information-23/adolescents-and-teen-health-news-719/around-10-percent-of-teens-and-children-may-try-e-cigarettes-study-reports-698403.html>

<http://www.medicaldaily.com/e-cigarettes-arent-cool-enough-smoke-more-once-posed-little-threat-teen-addiction-329466>

<https://uk.news.yahoo.com/e-cigs-popular-teens-few-regular-users-214211648.html#DOLSDI>

<http://www.mailonsunday.co.uk/health/article-3040282/Many-teenagers-try-e-cigarettes-regular-users-study-finds.html>

<http://www.bbc.com/news/uk-wales-32321401>

<http://www.independent.co.uk/life-style/health-and-families/health-news/ecigarettes-are-popular-with-teenagers--but-few-of-those-who-try-them-become-regular-users-10179570.html>

UK Public Health Experts respond to Welsch e-cig study

<http://www.sciencemediacentre.org/expert-reaction-to-surveys-of-e-cigarette-use-in-teenagers/>

New Pankow study (funded by class action lawyers) found negligible nontoxic levels of chemicals in e-liquid products, but authors misrepresent their findings to confuse, scare and lobby for FDA deeming reg (that would ban e-liquid) and other e-liquid restrictions

<http://tobaccocontrol.bmj.com/content/early/2015/03/27/tobaccocontrol-2014-052175.full.pdf+html>

<http://www.sciencedaily.com/releases/2015/04/150415203533.htm>

<http://www.mdpi.com/1660-4601/11/4/4356/htm> (see Table 2)

News media repeat false fear mongering claims by authors of flavored e-liquid junk study without any fact checking

<http://www.theverge.com/2015/4/15/8422803/e-cig-flavoring-potential-for-harm>

<http://www.popularmechanics.com/science/health/a15116/flavored-e-cigarettes-chemicals/>

Pankow keeps lying about e-cigs to scare public, ban e-cigs, generate funding for himself

<http://www.bloomberg.com/news/articles/2015-04-15/is-smoking-cherry-e-cigarettes-riskier-than-eating-cherry-candy->

Konstantinos Farsalinos: Media stories about e-cigarette health risks, based on a study which found flavored e-liquid contains . . . flavors

<http://www.ecigarette-research.org/research/index.php/whats-new/whatsnew-2015/205-fl>

Mike Siegel: New study which purports to have found that e-cigs inhibit quitting smoking is complete junk science

<http://tobaccoanalysis.blogspot.com/2015/04/new-study-which-purports-to-have-found.html>

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2014.302482>

<http://consumer.healthday.com/cancer-information-5/smoking-cessation-news-628/e-cigarettes-don-t-help-smokers-quit-tobacco-study-finds-698439.html>

NEJM publishes Nitzkin/Farsalinos/Siegel letter criticizing junk study claiming e-cigs can emit more formaldehyde than cigarettes, authors respond without addressing their bogus study or their false claims to NEJM and to news media

<http://www.nejm.org/doi/pdf/10.1056/NEJMc1502242>

Norwegian Institute of Public Health falsely claims the barely detectable nicotine levels exhaled by vapers are the same as far higher (but still negligible and nonhazardous) nicotine levels in 2<sup>nd</sup> hand smoke, absurdly claims that exposure to 2<sup>nd</sup> hand smoke (and 2<sup>nd</sup> hand vaper) can cause daily nicotine dependence among nonsmokers and nonvapers.

[http://www.fhi.no/eway/default.aspx?pid=240&trg=Content\\_6897&Main\\_6664=6894:0:25,7629:1:0:0:::0:0&Content\\_6897=6729:114665::1:6896:1:::0:0](http://www.fhi.no/eway/default.aspx?pid=240&trg=Content_6897&Main_6664=6894:0:25,7629:1:0:0:::0:0&Content_6897=6729:114665::1:6896:1:::0:0)

<http://www.fhi.no/dokumenter/136f741b1e.pdf>

[http://www.eurekalert.org/pub\\_releases/2015-04/niop-eui041415.php](http://www.eurekalert.org/pub_releases/2015-04/niop-eui041415.php)

News stories repeat Norwegian Inst of Public Health's lies about vaping as factual

<http://metro.co.uk/2015/04/15/passive-smoking-warning-as-e-cigarettes-are-found-to-harm-bystanders-5151729/>

[http://www.science20.com/news\\_articles/ecigarettes\\_better\\_than\\_smoking\\_but\\_still\\_have\\_risk-154827#comment-185267](http://www.science20.com/news_articles/ecigarettes_better_than_smoking_but_still_have_risk-154827#comment-185267)

Pfizer funded survey (that Pfizer won't release) misrepresents e-cig use in Canada

<http://www.newswire.ca/en/story/1518177/smokers-who-also-use-e-cigarettes-still-smoke-on-average-13-cigarettes-per-day>

May 2015

One year ago FDA's Mitch Zeller responded to our Jan. 2013 Petition to the White House to "Prevent the FDA from regulating or banning the sale and use of electronic cigarettes, accessories and associated liquids" by falsely claiming "While we are seeking to regulate products like electronic cigarettes, the proposed regulation would not ban them."

<https://petitions.whitehouse.gov/petition/prevent-fda-regulating-or-banning-sale-and-use-electronic-cigarettes-accessories-and-associated/RQLBYRsd>

FDA's Mitch Zeller tells NATO "Armed with more science, yes, future regulations should take into consideration a products' place on the continuum of risk," but fails to acknowledge the Deeming Reg/Ban protects cigarette markets and threatens public health (by banning sale of >99.9% of e-cigs to adults) or the FSPTCA he lobbied to enact (as a GSK lobbyist) also protected cigarette markets from far lower risk smokeless tobacco.

<http://www.cspsnet.com/category-news/tobacco/articles/five-fresh-insights-tobacco-regulation>

Sally Satel: Why the CDC has it wrong about the rise in teen vaping

<http://www.forbes.com/sites/sallysatel/2015/04/23/why-the-cdc-has-it-wrong-about-the-rise-in-teen-vaping/>

To lobby for FDA Deeming Reg/Ban, CDC's Brian King falsely claims:

- e-cigarettes are as harmful cigarettes,
- all e-cigs and hookah products contain nicotine,
- nicotine causes brain damage,
- e-cigs are increasing smoking and tobacco use among youth, and
- increasing e-cig use "more than counterbalances the decrease in cigarette smoking"

<http://www.newscientist.com/article/dn27392-ecigarettes-are-smoke-of-choice-for-us-schoolchildren.html#.VTkl5tLBzGe>

Mike Siegel – Worst lie of them all: CDC tells public that smoking is no worse than vaping

<http://tobaccoanalysis.blogspot.com/2015/04/worst-lie-of-them-all-cdc-tells-public.html>

Jacob Sullum: Why is the CDC lying about e-cigarettes

<http://www.forbes.com/sites/jacobsullum/2015/04/23/why-is-the-cdc-lying-about-e-cigarettes/>

<http://reason.com/archives/2015/04/27/e-cigarettes-are-not-tobacco-products>

Mike Siegel: CDC's lies to the public called out in Forbes Magazine and Reason Online

<http://tobaccoanalysis.blogspot.com/2015/04/cdcs-lies-to-public-called-out-in.html>

Drug policy expert David Nutt: Unholy smoke? Why does USA fear vaping?

<http://www.drugscience.org.uk/blog/2015/04/20/unholy-smoke-why-does-usa-fear-vaping/>

31 former public health groups funded by Big Pharma and/or DHHS urge Obama to "quickly" approve FDA's proposed cigarette industry protecting e-cig sales ban, falsely claim "Further delay will only serve the interests of the tobacco companies," falsely accuse tobacco companies of marketing to youth (in violation of the 1998 MSA), deceitfully conflate negligible e-cig risks with addictive and lethal cigarettes, falsely claim "There are no restrictions in place to protect public health against the risks these products pose, particularly to the health of our children," fail to express ANY concern for the health, civil or human rights of 45 million smokers and vapers FDA has threatened.

[http://www.tobaccofreekids.org/content/press\\_office/2015/2015\\_04\\_28\\_obama.pdf](http://www.tobaccofreekids.org/content/press_office/2015/2015_04_28_obama.pdf)

[http://www.tobaccofreekids.org/press\\_releases/post/2015\\_04\\_28\\_obama](http://www.tobaccofreekids.org/press_releases/post/2015_04_28_obama)

Big Pharma financed AAP misrepresents teen survey findings to news media, lies about e-cigs to lobby for FDA deeming ban, fails to disclose it's financial conflicts of interest

<http://medicalxpress.com/news/2015-04-electronic-cigarettes-gaining-popularity-teens.html>

[http://www.abstracts2view.com/pas/view.php?nu=PAS15L1\\_2165.6](http://www.abstracts2view.com/pas/view.php?nu=PAS15L1_2165.6)

Big Pharma financed ALA lobbies for FDA deeming reg/ban by repeating CDC's lies about e-cigs and NYTS e-cig data, conflating e-cigs with tobacco with highly addictive and lethal cigarettes, denigrating record decline in and record low cigarette smoking rates among teens, and failing to ethically disclose ALA's huge financial conflicts of interest.

[https://www.einnews.com/pr\\_news/260450604/new-cdc-study-shows-youth-e-cigarette-use-tripled-in-one-year-highlights-urgent-need-for-fda-regulation-of-all-tobacco-products](https://www.einnews.com/pr_news/260450604/new-cdc-study-shows-youth-e-cigarette-use-tripled-in-one-year-highlights-urgent-need-for-fda-regulation-of-all-tobacco-products)

US Sen. Dick Durbin (D-IL) falsely accuses tobacco companies of target marketing e-cigs to youth, repeats CDC's lies about e-cigs and NYTS, falsely claims e-cigs addict youth, urges FDA to impose deeming reg/ban (that would ban e-cig sales to adults)  
<http://www.durbin.senate.gov/newsroom/videos/view/2015/04/28/durbin-calls-for-stronger-regulations-to-protect-youth-from-e-cigarette-products>

US Senator Chuck Schumer (D-NY) repeats DHHS' lies about e-cigs, falsely accuses companies of marketing to youth to lobby for FDA's proposed e-cig sales ban to adults  
[http://www.schumer.senate.gov/newsroom/press-releases/schumer-e-cigarette-manufacturers-targeting-teens-with-glitzy-ads-and-candy-flavors-like-cherry-crush\\_gummy-bear-new-cdc-report-shows-e-cig-puffing-has-tripled-among-high-schoolers-schumer-demands-fda-ban-fun-flavors--regulate-marketing-tactics-aimed-at-kids](http://www.schumer.senate.gov/newsroom/press-releases/schumer-e-cigarette-manufacturers-targeting-teens-with-glitzy-ads-and-candy-flavors-like-cherry-crush_gummy-bear-new-cdc-report-shows-e-cig-puffing-has-tripled-among-high-schoolers-schumer-demands-fda-ban-fun-flavors--regulate-marketing-tactics-aimed-at-kids)  
<http://newyork.cbslocal.com/2015/04/26/schumer-says-e-cigarette-makers-are-marketing-to-children/>

US Senator Richard Blumenthal (D-CT) and Legacy's Robin Koval misrepresent CDC NTYS findings (finding record declines in and record low teen cigarette smoking), conflate e-cigs and OTP with lethal cigarettes to lobby for FDA's deeming reg/ban (that would protect cigarettes by banning sales of >99.9% of e-cigs to smokers and vapers)  
[http://www.rollcall.com/news/act\\_like\\_young\\_lives\\_are\\_at\\_stake\\_commentary-241547-1.html](http://www.rollcall.com/news/act_like_young_lives_are_at_stake_commentary-241547-1.html)

Mike Siegel – CDC campaign of deception is working: lawmakers are repeating the lies to sell legislation  
<http://tobaccoanalysis.blogspot.com/2015/04/cdc-campaign-of-deception-is-working.html>

Dr. Holly Middlekauff correctly calls anti e-cig crusade “emotion-based, rather than evidence-based,” reveals that e-cigs are similar to FDA approved nicotine inhalers, are exponentially less hazardous than cigarettes, and are primarily used by smokers  
<http://www.medpagetoday.com/PrimaryCare/Smoking/51265>

Rodu: Tobacco Control is getting it wrong (on e-cigarettes)  
<http://www.cspnet.com/category-news/tobacco/articles/rodu-tobacco-control-getting-it-wrong>

FDA's Mitch Zeller refuses to admit Deeming Reg would ban >99.9% of e-cigs now on the market, conflates e-cigs with cigarettes, ignores sharp drop in teen smoking to falsely assert e-cigs are gateways to cigarettes, claims “In today's rapidly evolving tobacco marketplace, the surge in youth use of novel products, like e-cigarettes, forces us to confront the reality that the progress we have made in reducing youth cigarette smoking rates is being threatened. These staggering increases in such a short time underscore why FDA intends to regulate these additional products to protect public health.”  
[http://www.journalnow.com/business/business\\_news/local/fda-regulation-of-e-cigs-may-come-in-weeks-reynolds/article\\_930f0295-061a-527e-bfec-2cd706287d02.html](http://www.journalnow.com/business/business_news/local/fda-regulation-of-e-cigs-may-come-in-weeks-reynolds/article_930f0295-061a-527e-bfec-2cd706287d02.html)

Konstantinos Farsalinos: Failure to understand simple mathematics although millions were spent on a tobacco and e-cigarette study (exposes incompetent and nonsensical question in PATH study funded by FDA/NIDA on nicotine concentrations that are vaped)

<http://www.ecigarette-research.org/research/index.php/whats-new/whatsnew-2015/208-math>

New meta analysis of published studies finds 18% of nicotine vapor product users (most of whom had used 1<sup>st</sup> generation e-cigs) remained smokefree for at least six months, nicotine vapor products were 2.29 times more effective for smoking cessation than no-nicotine vapor products, and vaping was associated with reduced cigarette consumption.  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0122544>

New Canadian e-cig survey finds many e-cig users use no-nicotine products, demonstrates that DHHS surveys (which don't inquire if nicotine e-cigs were used) falsely conclude and categorize no-nicotine vapers as tobacco users; finds:

- 55% of "ever users" reported using "no-nicotine" during their last e-cig use,
- 26% of "ever users" reported using "nicotine" during their last e-cig use,
- 19% of "ever users" reported not knowing if nicotine was in their last e-cig used,
- daily and former smokers were >2 times more likely to report using nicotine in their last e-cig used than were "never smokers",
- 26% of smokers who "ever used" an e-cig reported use during "past 30 days",
- 14% of nonsmokers who "ever used" an e-cig reported use in "past 30 days",
- 13% of 15-19 year olds who "ever used" an e-cig reported use in "past 30 days",
- never smokers accounted for 10% of "past 30 day" e-cig users,

[http://tobaccoreport.ca/2015/TobaccoUseinCanada\\_2015\\_EcigaretteSupplement.pdf](http://tobaccoreport.ca/2015/TobaccoUseinCanada_2015_EcigaretteSupplement.pdf)  
(cited data on pages 9, 11, 14 and 15)

But University of Waterloo's press release for Canadian e-cig survey was deceptively titled "Youth just as likely to try e-cigarettes as smoking" to confuse and scare  
[http://www.eurekalert.org/pub\\_releases/2015-05/uow-yja050415.php](http://www.eurekalert.org/pub_releases/2015-05/uow-yja050415.php)

E-cig survey of Ontario high school students finds 72% of students who "ever used" an e-cig reported use of a no-nicotine e-cig, while 28% of students who "ever used" an e-cig reported use of a nicotine e-cig, indicating the US CDC falsely classified all teen e-cig users as "tobacco users" to confuse, scare and lobby for FDA's e-cig sales ban to adults  
<http://ntr.oxfordjournals.org/content/early/2015/01/24/ntr.ntu234.abstract>

Study finds acute inhalation of vapor products does not impair cerebral blood flow  
[http://www.fasebj.org/content/29/1\\_Supplement/833.1.abstract?](http://www.fasebj.org/content/29/1_Supplement/833.1.abstract?)

Study measures and analyzes potential contaminants in 42 e-liquid bottles from 14 companies in 2013  
<http://www.mdpi.com/1660-4601/12/5/4796>

DHHS task force draft recommendation misrepresents scientific evidence, falsely claims "evidence is insufficient to recommend" vapor products for smoking cessation, recommends all doctors discourage adult smokers from vaping, and give them Big Pharma's less-than-effective gums/lozenges/patches (that have a 93% failure rate) and less-than-safe Chantix, deceptively claims "tobacco use is the leading preventable cause of disease and death" (it's cigarette smoking); public comments accepted until 6/1/2015.

<http://www.uspreventiveservicestaskforce.org/Page/Document/draft-recommendation-statement147/tobacco-use-in-adults-and-pregnant-women-counseling-and-interventions1>  
<http://www.uspreventiveservicestaskforce.org/Page/Document/draft-evidence-review145/tobacco-use-in-adults-and-pregnant-women-counseling-and-interventions1>  
<http://www.uspreventiveservicestaskforce.org/>  
[http://www.nlm.nih.gov/medlineplus/news/fullstory\\_152349.html](http://www.nlm.nih.gov/medlineplus/news/fullstory_152349.html)

Mike Siegel: Physicians, health departments, politicians, and anti-tobacco groups are all spouting misinformation about electronic cigarettes  
<http://tobaccoanalysis.blogspot.com/2015/05/physicians-health-departments.html>

Two UC Davis professors of medicine misrepresent scientific evidence on e-cigs, repeat many disproved fear mongering claims about e-cigs, deceitfully claim e-cigs shouldn't be compared to cigarette smoking (even though smokers replace cigarettes with e-cigs) and that e-cigs must be proven safe (which is scientifically impossible because attempting to do so requires proving hundreds of negatives, and because because nothing is 100% safe  
<http://www.medpagetoday.com/PrimaryCare/Smoking/51266>

Tacoma-Pierce County (WA) Health Dept repeats false and misleading fear mongering claims about e-cigs, issues press release claiming facts about e-cigs are "misinformation", Health Dept Director Chen falsely claims young nonsmokers who try e-cigs "are likely to become addicted for life" (despite no evidence any nonsmoker has become a daily vaper).  
<http://www.tpchd.org/health-wellness-1/tobacco-prevention-control/cigarettes/>  
<http://www.tpchd.org/news.php?nid=893>

Mike Siegel: E-cigarette opponent claims that e-cigarettes are causing permanent brain damage among youth experimenters  
<http://tobaccoanalysis.blogspot.com/2015/05/e-cigarette-opponent-claims-that-e.html>

Federally funded e-cig opponents Suchitra Krishnan-Sarin and Maciej L. Goniewicz make more fear mongering claims about e-cigs to scare and lobby for FDA e-cig ban  
<http://www.theage.com.au/lifestyle/life/the-allure-of-tricks-boosting-the-popularity-of-cigarettes-among-teenagers-20150505-ggu207.html>

Big Pharma financed AAP's Jonathan Winickoff (who falsely accused the e-cig industry of target marketing to youth and falsely claimed e-cigs were addicting nonsmoking youth at FDA's 2009 press conference to defend FDA's unlawful e-cig ban) now falsely claims experimentation with e-cigs can cause irreversible brain damage and drug addictions.  
<http://www.voanews.com/content/report-e-cigarettes-can-cause-permanent-brain-damage-for-teens/2744206.html>

Big Tobacco investors bullish on Mitch Zeller and FDA's proposed Deeming Regulation (that would ban the sale of >99.9% of nicotine vapor products): After little change in 2012, cigarette industry stocks have surged since Mitch Zeller became CTP Director on March 4, 2013 and since FDA proposed banning e-cigarettes on April 25, 2014. Altria stock increased from \$33.51 to \$38.40 to \$51.78  
<http://www.nasdaq.com/symbol/mo/historical>

Reynolds stock increased from \$43.27 to \$53.81 to \$76.08

<http://www.nasdaq.com/symbol/rai/historical>

Lorillard stock increased from \$38.34 to \$54.01 to \$72.00

<http://www.nasdaq.com/symbol/lo/historical>

FDA touts largely irrelevant research it funds to demonize tobacco and e-cig companies, products and users to lobby for more counterproductive FDA tobacco regulations

<http://www.fda.gov/TobaccoProducts/PublicHealthScienceResearch/ucm436335.htm?>

Brad Rodu – Memo to FDA: Release Survey Data (Re. \$449 Million PATH Study)

<http://rodutobaccotruth.blogspot.com/2015/05/memo-to-fda-release-survey-data.html>

Insight: Is nicotine all bad?

<http://www.reuters.com/article/2015/05/19/health-nicotine-idUSL3N0Y93PK20150519>

Lynn Kozlowski: So your teenager is vaping e-cigarettes – Should you worry?

<http://www.iflscience.com/health-and-medicine/so-your-teenager-vaping-e-cigarettes-should-you-worry>

Legacy’s David Abrams and Ray Niaura wisely advocate objective science and accurate health communications on vaping, criticize junk science and false claims, tout e-cigs as potential “endgame” for cigarettes: But fail to disclose Legacy has urged FDA to impose an “endgame” for vaping by unlawfully banning nicotine e-cigs in 2009, and by imposing the Deeming Regulation (to ban >99.9% of nicotine e-cig products) ever since.

<http://www.ijhpr.org/content/pdf/s13584-015-0021-z.pdf>

<http://www.ijhpr.org/content/4/1/22/abstract>

Heartland: Electronic cigarettes can save Medicaid billions

<https://www.heartland.org/policy-documents/research-commentary-electronic-cigarettes-can-save-medicaid-billions>

New study finds trace metals in e-cig vapor pose negligible if any risk

<http://www.mdpi.com/1660-4601/12/5/5215/htm>

Konstantinos Farsalinos: Metals emitted from e-cigarettes are NOT a reason for health concern

<http://www.ecigarette-research.org/research/index.php/research/research-2015/209-metals>

Study finds e-cig vapor containing ten times more Total Particle Matter than cigarette smoke was less toxic on lungs of animals and on human alveolar epithelial cell cultures than cigarette smoke. But American Thoracic Society didn’t publicize this study, and instead hyped junk science studies cited below in Junk Science, Propaganda and Lies)

[http://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2015.191.1\\_MeetingAbstracts.A4686](http://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2015.191.1_MeetingAbstracts.A4686)

Virginia vapor company’s survey finds 94% of its consumers were cigarette smokers, 85% quit smoking, and 69% quit smoking within a month after beginning to vape.

[http://www.richmond.com/business/local/article\\_652b458b-389b-5970-952b-4193c19a4c5a.html](http://www.richmond.com/business/local/article_652b458b-389b-5970-952b-4193c19a4c5a.html)

Nicotine Poisoning Prevention and First Aid



So-called case study on childhood nicotine poisoning reveals (but doesn't admit) that child was never poisoned and that vomiting quickly expelled the ingested e-liquid, falsely claims 1mg of nicotine is toxic to scare (as every cigarette contains 25 mg of nicotine)  
<http://journals.cambridge.org/action/displayFulltext?type=6&fid=9664557&jid=CEM&volumeId=-1&issueId=-1&aid=9664556&fulltextType=CR&fileId=S148180351500010X>

Humans should promptly induce vomiting after ingesting even small amounts of nicotine e-liquid (which is the best way to prevent/treat nicotine poisoning via ingestion).

<http://www.myvmc.com/symptoms/nausea-and-vomiting-emesis/>

But NIH article on Nicotine Poisoning (that didn't consider e-liquid, but rather presumed ingestion of slower emitting lower doses of nicotine from gums, lozenges, patches and/or tobacco products) warns people to not induce vomiting after ingesting nicotine unless told to do so by Poison Control or a health care professional, a delay that could result in serious injury or death (if someone doesn't vomit after swallowing nicotine e-liquid).

<http://www.nlm.nih.gov/medlineplus/ency/article/002510.htm>

“Nicotine poisoning: Seek immediate medical help. DO NOT make a person throw up unless told to do so by Poison Control or a health care professional.”

Brian Carter: The failures of peer review do not begin with the journal – more on the Popova-Ling fiasco

<http://antithrlies.com/2015/05/12/the-failures-of-peer-review-do-not-begin-with-the-journal-more-on-the-popova-ling-fiasco/>

Carl Phillips: Peer review – are they really even trying anymore?

<http://antithrlies.com/2015/05/09/peer-review-are-they-really-even-trying-anymore/>

American Thoracic Society publicizes, misrepresents more junk science about e-cigs to confuse, demonize and lobby for e-cigs bans, excessive regulations and taxes

<http://www.sciencedaily.com/releases/2015/05/150517143352.htm>

<http://time.com/3860166/ecigs-research/>

<http://www.techtimes.com/articles/53617/20150517/flavor-lung-damage-e-cigarette-varieties-more-harmful-others.htm>

<http://www.independent.co.uk/life-style/health-and-families/health-news/chemicals-used-to-flavour-ecigarettes-could-damage-lungs-in-a-similar-way-to-tobacco-10258311.html>

<http://www.dailymail.co.uk/health/article-3087507/E-cigarettes-DON-T-help-smokers-quit-long-term.html>

<http://www.wired.co.uk/news/archive/2015-05/18/electronic-cigarette-liquids-bad-for-you>

Harvard Medical School deceitfully insinuates that vaping is just as or more harmful than cigarette smoking, e-cigs are addicting nonsmoking youth, vaping leads to cigarette smoking, and e-cigs aren't any better than for smoking cessation than gums or patches.

<http://www.health.harvard.edu/smoking/e-cigarettes-and-health-the-jury-is-still-out>

Mike Siegel: Harvard Medical School, like the tobacco companies of old, unwilling to admit that smoking is more harmful than non-tobacco products

<http://tobaccoanalysis.blogspot.com/2015/05/harvard-medical-school-like-tobacco.html>

FAMRI funded Central Michigan Univ. researcher misrepresents inapplicable cell study's findings, absurdly claims vaping can cause emphysema in humans

[http://www.mlive.com/news/saginaw/index.ssf/2015/05/e-cigarette\\_vapor\\_could\\_lead\\_t.html](http://www.mlive.com/news/saginaw/index.ssf/2015/05/e-cigarette_vapor_could_lead_t.html)

June 2015

FDA invites many DHHS and Big Pharma financed e-cig prohibitionists and propagandists, Big Tobacco researchers to present at June 1 & 2 e-cig workshop (just as occurred at two previous FDA e-cig workshops) to promote Deeming Regulation (that would ban >99.9% of nicotine vapor products now on the market).

<http://www.fda.gov/downloads/TobaccoProducts/NewsEvents/UCM448379.pdf>

US DHHS staff and funding recipients (and other FDA invitees) hype negligible & hypothetical risks of vaping and nicotine, deny & downplay many benefits vaping has provided to millions of vapers and smokers at so-called scientific workshop on June 1/2. Like past FDA events, public comment period at 6/2 AM session was most educational.

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm439029.htm> (to access webcast)

<https://event.webcasts.com/viewer/event.jsp?ei=1063766> (6/1 AM session)

<https://event.webcasts.com/viewer/event.jsp?ei=1063767> (6/1 PM session begins at 45)

<https://event.webcasts.com/viewer/event.jsp?ei=1064667> (6/2 AM session begins at 105)

<https://event.webcasts.com/viewer/event.jsp?ei=1064669> (6/2 PM session begins at 49)

### FDA Electronic Cigarettes and the Public Health: A Public Workshop

<http://www.fda.gov/TobaccoProducts/NewsEvents/ucm439029.htm>

June 1 & 2, 2015

Testimony by

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I'm Bill Godshall, founder and executive director of Smokefree Pennsylvania. Since 1990, we've successfully campaigned to ban smoking in workplaces, stop cigarette marketing to youth, increase cigarette tax rates, and require the FDA to impose a regulation for large color graphic warnings on all cigarette packs, which the FDA doesn't deem important.

In 2010 we filed an amicus brief with other public health advocates opposing FDA's e-cig import ban with the DC Court of Appeals, which upheld Judge Richard Leon's 2010 ruling striking down FDA's ban as unlawful.

Since 2011, we've opposed the FDA's proposed "deeming" regulation because it would ban >99.9% of nicotine vapor products, protect cigarettes, increase smoking, threaten the lives of several million vapers and tens of millions of smokers, and create a huge black market for totally unregulated vapor products.

For disclosure, neither Smokefree Pennsylvania nor I have ever received any funding from any tobacco, drug or vapor product company, nor from any government agency whose policy is to ban vapor products, which is also a conflict of interest.

The scientific and empirical evidence consistently finds nicotine vapor products are 99% (+/-1%) less hazardous than cigarettes, have never been associated with any disease, and pose no known risks to nonusers.

Nicotine vapor products have already replaced >3 Billion packs of cigarettes, and >99% of nicotine vapor products are consumed by smokers or by ex-smokers who switched to vapor products, which are more effective and pose fewer risks than FDA approved smoking cessation drugs.

Adult and teen surveys consistently find that smokers and ex-smokers account for >90% of past 30 day e-cig users. It appears that >99% of daily vapers are smokers or ex-smokers who switched to vaping, but DHHS funded surveys still don't inquire about daily vaping or even if nicotine was vaped, which has only served to bury the truth.

Two recent surveys found that 3 and 4 million US smokers respectively are no longer regular smokers because they switched to vapor products. Thus, it is mathematically impossible for vapor products to harm overall public health, even if every nonsmoker in America began vaping daily.

And yet, there's no evidence vapor products have created daily dependence in any nonsmoker, nor is there any evidence vaping has served as a gateway to daily cigarette smoking for anyone.

But since 2009, the FDA and CDC have made many false and misleading fear mongering claims to confuse, scare and lobby to ban these lifesaving products under the deceitful guise of protecting children and public health. Dozens of DHHS funding recipients have also misrepresented the scientific evidence to scare the public to lobby to ban vapor products and/or vaping, including most presenters and panelists FDA has invited to speak at its three so-called public workshops on e-cigarettes.

The FDA should stop protecting cigarettes, and begin to protect public health.”

Carl Phillips: Notes from the FDA e-cigarette workshop

<http://antithrlies.com/2015/06/03/notes-from-the-fda-e-cigarette-workshop/>

<http://antithrlies.com/2015/06/04/more-on-the-fda-ecig-workshop/>

FDA going “full speed ahead” with e-cigarette regulations (Michael Marlow and Gil Ross expose how regulation protects cigarette markets and threatens public health)

<http://news.heartland.org/newspaper-article/2015/05/28/fda-going-full-speed-ahead-e-cig-regulations>

Mike Siegel: FDA's Center for Tobacco Products research priorities do not include studying potential benefits of e-cigarettes for smoking cessation

<http://tobaccoanalysis.blogspot.com/2015/05/center-for-tobacco-products-research.html>

Mike Siegel: FDA states that progress in reducing youth smoking is threatened by rising use of e-cigarettes

<http://tobaccoanalysis.blogspot.com/2015/05/fda-states-that-progress-in-reducing.html>

New ASH UK survey of adults in Great Britain finds:

[http://www.ash.org.uk/files/documents/ASH\\_891.pdf](http://www.ash.org.uk/files/documents/ASH_891.pdf)

- 2.6 million adults currently vape, up from 2.1 million in 2014,
  - 1.1 million vapers are ex-smokers, and 1.4 million vapers are current smokers,
  
  - 6.7% of ex-smokers currently vape, up from 4.5% in 2014,
  - 17.6% of current smokers currently vape, the same as in 2014,
  - .2% of never smokers currently vape, the same as in 2014 and 2013
  
  - 84% of ex-smokers who vape do so daily,
  - 45% of current smokers who vape do so daily,
  
  - 66% of vapers now use premium vaporizers and e-liquid, with 28% using as first e-cig;
  - 26% of vapers now use e-cigs with cartridge refills, but 41% used them as first e-cig;
  - 5% of vapers now use disposable e-cigs, but 24% used a disposable as first e-cig; and
  
  - 22.1% of Brits inaccurately believe e-cigs are just as or more harmful than cigarettes, up from 15.2% in 2014 and 7.5% in 2013 (due to fear mongering by e-cig prohibitionists)
- <http://www.mirror.co.uk/news/uk-news/half-million-smokers-switched-e-cigarettes-5739208>  
<http://www.inquisitr.com/2111048/an-estimated-half-a-million-brits-have-switched-from-real-cigarettes-to-e-cigarettes-in-the-last-year/>  
<http://news.sky.com/story/1488651/half-a-million-smokers-switch-to-e-cigarettes>

2014 survey of US adults finds 18% of “current e-cigarette users” were recent ex-smokers (i.e. vapers who quit smoking by switching to vaping); finds “daily”, “non-daily” and “former” smokers were 20, 27 and 4 times more likely respectively than “never” smokers to be a “current e-cigarette user”.

<http://surveillance.mstobaccodata.org/wp-content/uploads/2010/06/2015-FAMRI-poster-ecig-trends.pdf>

But while the survey properly asked “How often do you now vape or use e-cigarettes? Every day, some days, or not at all”, the study’s authors (who have advocated banning e-cigs since 2009) failed to disclose any data for the “every day” and “some days” groups. Instead, they deceptively combined the data from those distinctly different groups to create a new group misleadingly called “current e-cigarette users” to equate occasional vaping (most of which is experimentation and/or the use of no-nicotine e-cigs) with daily vaping (virtually all of which is by smokers or ex-smokers who switched to vaping).

Mike Siegel: New Harvard study finds that as many as 18% of current e-cigarette users may have quit smoking completely using e-cigarettes

<http://tobaccoanalysis.blogspot.com/2015/05/new-harvard-study-finds-that-as-many-as.html>

European Commission issues survey data in propaganda report condemning all tobacco and e-cigs, reveals Sweden (where snus is legal and has helped many smokers quit) has the EU's lowest cigarette smoking rate by far at 11%, while the EU average is 26% (where snus has been banned by the EC for two decades); EU survey also found:

- Among "ever users" of an e-cig, 22% use daily, 5% use weekly, 3% use monthly, 5% use less than monthly, 42% used just once or twice, and 23% no longer use.

- Among "ever users" of an e-cig, 22% use nicotine e-cigs daily versus 4% for no-nicotine e-cigs, 5% use nicotine e-cigs weekly versus 4% for no-nicotine e-cigs, 3% use nicotine e-cigs monthly versus 2% for no-nicotine e-cigs.

- Among "ever users" of an e-cig, the most important factors in choosing an e-cig are the flavour (39%), price (38%), amount of nicotine (27%) and type of e-cig (20%).

- France and UK have highest rate of e-cig use in the EU.

- No more than 1% of never-smokers in any country currently use e-cigarettes.

[http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_429\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_429_en.pdf) (e-cigs begin on pg 76)

European Commission press release announcing new tobacco and e-cig report fails to acknowledge that snus is why Sweden has lowest smoking rate in EU, denounces e-cigs because "just 21% of smokers were able to cut down with these products and only 14% were able to stop smoking", touts its Tobacco Products Directive that severely restricts and may ban e-cigs and that imposes cigarette regulations that won't reduce smoking.

[http://europa.eu/rapid/press-release\\_IP-15-5028\\_en.htm](http://europa.eu/rapid/press-release_IP-15-5028_en.htm)

European Commission Infograph on its new tobacco and e-cig report deceitfully demonizes e-cigs because, among EU smokers who "ever used" an e-cigarette:

"49% did not quit or reduce

21% reduced, but did not quit

13% quit, but started again

14% quit smoking"

[http://ec.europa.eu/health/tobacco/docs/2015\\_infograph\\_en.pdf](http://ec.europa.eu/health/tobacco/docs/2015_infograph_en.pdf)

136 times more Adverse Events were reported to FDA for nicotine gums, lozenges, patches & nasal sprays than for e-cigs (3,819 vs 28) from 2007-2014 (as Obama's DHHS has campaigned to ban e-cigs since 2009, while hawking NRT as "safe and effective")

Brad Rodu: Scaremongering tactics against smoke-free tobacco could also undermine nicotine medicines

<http://rodutobaccotruth.blogspot.com/2015/05/scaremongering-tactics-against-smoke.html>

New study exposes NEJM e-cig formaldehyde scare as fraudulent junk science, reveals that e-cigarettes can only generate high levels of aldehydes in "dry puff" conditions

<http://onlinelibrary.wiley.com/doi/10.1111/add.12942/full>

<http://medicalxpress.com/news/2015-05-aldehyde-content-e-cigarettes.html>

<http://www.vocativ.com/culture/health-culture/e-cigarettes-safe-dangerous-aldehydes/>

Konstantinos Farsalinos: E-cigarettes generate high levels of aldehydes only in "dry puff" conditions (irrespective of the power levels)

<http://www.ecigarette-research.org/research/index.php/research/research-2015/210-ald>

Mike Siegel: New study refutes e-cigarette formaldehyde scare  
<http://tobaccoanalysis.blogspot.com/2015/05/new-study-refutes-e-cigarette.html>

Matthew Glans: E-cigarettes can save lives, taxpayer dollars  
<http://humanevents.com/2015/05/30/e-cigarettes-can-save-lives-taxpayer-dollars/>

Gerry Stimson: Vaping – A Lesser Evil – To Tobacco  
<http://www.bfm.my/gerry-stimson-electronic-cigarettes-smoking-tobacco.html>

Lawrence Gostin – Indonesia has it backward: It's not e-cigarettes that's the problem but smoking; Indonesia announces vapor product sales ban  
<http://www.oneillinstituteblog.org/indonesia-has-it-backward-its-not-e-cigarettes-thats-the-problem-but-smoking/>  
<http://worldtradelaw.typepad.com/ielpblog/2015/06/the-e-cigarette-trade-disputes-are-coming.html>

Mike Siegel: Tobacco control advocate argues that to reduce smoking, we should ban fake cigarettes but keep real ones  
<http://tobaccoanalysis.blogspot.com/2015/06/tobacco-control-advocate-argues-that-to.html>

Anti-tobacco advocate Derek Yach says electronic cigarettes are potential life-savers, urges doctors to recommend them to patients for smoking cessation  
<http://www.bdlive.co.za/life/health/2015/06/02/electronic-cigarettes-safer-than-tobacco-says-vitality-institute>  
<http://www.health24.com/Lifestyle/Stop-smoking/Smoking-alternatives/Anti-tobacco-advocate-says-electronic-cigarettes-are-potential-life-savers-20150608>

Jeff Stier: FDA vs. E-cigarettes  
<https://www.heartland.org/podcasts/2015/06/03/jeff-stier-fda-vs-e-cigarettes>

Gil Ross – To save lives: “World No Tobacco Control” Day  
[http://www.science20.com/tip\\_of\\_the\\_spear/blog/to\\_save\\_lives\\_world\\_no\\_tobacco\\_control\\_day-155929](http://www.science20.com/tip_of_the_spear/blog/to_save_lives_world_no_tobacco_control_day-155929)  
<http://acsh.org/2015/06/world-no-tobacco-day/>

FDA congratulates itself for sharp decline in youth smoking (which is primarily due to sharp increase in vaping), boasts of winning award  
<https://www.e-cigarette-forum.com/forum/threads/fda-congratulates-itself-for-sharp-decline-in-youth-smoking-boasts-of-winning-award.678600/>  
<http://www.fda.gov/TobaccoProducts/PublicHealthEducation/PublicEducationCampaigns/TheRealCostCampaign/default.htm>

DHHS funding recipients congratulate themselves and CDC, take credit for smoking decline (most of which is due to smokers switching to vaping, which CDC opposes)  
<http://www.prnewswire.com/news-releases/centers-for-disease-control-and-prevention-honored-for-tips-from-former-smokers-campaign-300095136.html>

Mike Siegel: CDC lying about financial conflicts of interest and failing to disclose Big Pharma funding when it releases statements about e-cigarettes  
<http://tobaccoanalysis.blogspot.com/2015/06/cdc-lying-about-financial-conflicts-of.html>

PLOS Medicine editors invite DHHS and CA funded Tom Novotny to write editorial advocating tobacco prohibition policies, which would create enormous black markets for totally unregulated and untaxed tobacco products.

<http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001832>

Government of Wales proposes to ban vaping in workplaces; former vaping opponents (Cancer Research UK, British Heart Foundation) join with ASH UK, Royal College of Physicians, ECITA and UK Centre for Tobacco & Alcohol Studies to oppose vaping ban

<http://www.itv.com/news/wales/2015-06-09/e-cigarette-ban-mark-drakefords-public-health-gamble/>

<http://www.bbc.co.uk/news/uk-wales-33025872>

<http://www.cancerresearchuk.org/about-us/cancer-news/news-report/2015-06-09-welsh-government-proposes-banning-e-cigarettes-in-public-places>

<http://www.ash.org.uk/:ash-statement-on-banning-the-use-of-e-cigarettes-in-public-places>

<http://www.theguardian.com/society/2015/jun/09/wales-e-cigarette-ban>

Clive Bates – Wales vaping ban: silver lining may be larger than cloud

<http://www.clivebates.com/?p=3096>

Opposition grows to the Welsh Government's plan to ban vaping in public places, as Labour MP voices opposition

<http://www.walesonline.co.uk/news/wales-news/opposition-grows-welsh-governments-plan-9419048>

French survey finds vapers are far more knowledgeable about products benefits than general public and smokers

<http://consumer.healthday.com/cancer-information-5/smoking-cessation-news-628/e-cigarettes-users-often-believe-devices-will-help-them-quit-tobacco-700000.html>

International Journal of Drug Policy's June 2015 Issue

Nicotine: Science, Regulation and Policy, edited by Kristen Bell and Gerry Stimson

<http://www.ijdp.org/current>

Editorial by Kristen Bell and Gerry Stimson – Nicotine: Science, Regulation and Policy

[http://www.ijdp.org/article/S0955-3959\(15\)00095-X/fulltext](http://www.ijdp.org/article/S0955-3959(15)00095-X/fulltext)

Mark Elam: Nicorette Reborn? E-cigarettes in light of the history of nicotine replacement technology

[http://www.ijdp.org/article/S0955-3959\(15\)00044-4/fulltext](http://www.ijdp.org/article/S0955-3959(15)00044-4/fulltext)

Lynn Kozlowski – Prospects for nicotine-reduction strategy in the cigarette endgame:

Alternative tobacco harm reduction scenarios

[http://www.ijdp.org/article/S0955-3959\(15\)00043-2/fulltext](http://www.ijdp.org/article/S0955-3959(15)00043-2/fulltext)

Coral Gartner & Wayne Hall – A license to vape: Is it time to trial of a nicotine licensing scheme to allow Australian adults controlled access to electronic cigarettes and refill solutions containing nicotine?

[http://www.ijdp.org/article/S0955-3959\(15\)00066-3/fulltext](http://www.ijdp.org/article/S0955-3959(15)00066-3/fulltext)

Pasquale Capponetto et al – What to consider when regulating electronic cigarettes: Pros, cons and unintended consequences

[http://www.ijdp.org/article/S0955-3959\(15\)00068-7/fulltext](http://www.ijdp.org/article/S0955-3959(15)00068-7/fulltext)

Neil McKeganey and Christopher Russell – Tobacco plain packaging: Evidence based policy or public health advocacy?

[http://www.ijdp.org/article/S0955-3959\(15\)00071-7/fulltext](http://www.ijdp.org/article/S0955-3959(15)00071-7/fulltext)

Jennifer Maki – The incentives created by a harm reduction approach to smoking cessation: Snus and smoking in Sweden and Finland

[http://www.ijdp.org/article/S0955-3959\(14\)00217-5/fulltext](http://www.ijdp.org/article/S0955-3959(14)00217-5/fulltext)

Michael Eversman – Harm reduction in US tobacco control: Constructions in textual news media

[http://www.ijdp.org/article/S0955-3959\(15\)00021-3/fulltext](http://www.ijdp.org/article/S0955-3959(15)00021-3/fulltext)

Maciej Goniewicz et al – Nicotine levels in electronic cigarette refill solutions: A comparative analysis of products from the US, Korea and Poland:

[http://www.ijdp.org/article/S0955-3959\(15\)00023-7/abstract](http://www.ijdp.org/article/S0955-3959(15)00023-7/abstract)

Doug Fraser et al – Vapers' perspectives on electronic cigarette regulation in Australia

[http://www.ijdp.org/article/S0955-3959\(15\)00022-5/fulltext](http://www.ijdp.org/article/S0955-3959(15)00022-5/fulltext)

Konstantinos Farsalinos – Factors associated with dual use of tobacco and electronic cigarettes: A case control study

[http://www.ijdp.org/article/S0955-3959\(15\)00009-2/fulltext](http://www.ijdp.org/article/S0955-3959(15)00009-2/fulltext)

Karin Hummel et al – Prevalence and reasons for use of electronic cigarettes among smokers: Findings from the International Tobacco Control (ITC) Netherlands Survey

[http://www.ijdp.org/article/S0955-3959\(14\)00365-X/fulltext](http://www.ijdp.org/article/S0955-3959(14)00365-X/fulltext)

Derek Bush and DHHS funded Maciej Goniewicz – A pilot study on nicotine residues in houses of electronic cigarette users, tobacco smokers, and non-users of nicotine-containing products. This article grossly exaggerates the risks of negligible nicotine levels in exhaled e-cig vapor to confuse, scare and lobby for more vaping bans.

[http://www.ijdp.org/article/S0955-3959\(15\)00070-5/abstract](http://www.ijdp.org/article/S0955-3959(15)00070-5/abstract)

FDA funded Stan Glantz misrepresents findings of yet another study to demonize vaping

<https://tobacco.ucsf.edu/how-nicotine-and-e-cigs-even-without-nicotine-damage-lung-cells-which-helps-explain-reduced-lung-function>

Peter Sandman: A promising candidate for most dangerously dishonest public health news release of the year (from the CDC on e-cigarettes)

<http://www.psandman.com/col/e-cigs.htm>



Mike Siegel: In 2015, FDA still maintains that smoking may be no more hazardous than vaping

<http://tobaccoanalysis.blogspot.com/2015/06/in-2015-fda-still-maintains-that.html>

Global Survey 2015 finds vaping pot now more popular than smoking it (but Obama's DHHS and FDA's "deeming regulation" fail to admit, and falsely call it "tobacco use")

<http://www.independent.co.uk/news/world/vaping-weed-is-now-more-popular-than-smoking-it-10305688.html>

<http://www.globaldrugsurvey.com/the-global-drug-survey-2015-findings/>

Teens increasingly using cigars to smoke pot (same with urban adults, which Obama's DHHS and FDA's "deeming regulation" fail to admit, and instead call it "tobacco use")

<http://nypost.com/2015/06/13/city-kids-swapping-cigarettes-for-cigars/>

FDA posts new website "Tobacco Regulatory Science in Action" (and a new blog) to congratulate itself and its funding recipients (aka "tobacco regulatory scientists"), confuse the public about comparable risks of different tobacco (and vapor) products, and lobby for its proposed "deeming regulation" (that would ban >99.9% of nicotine e-cigs)

<http://www.fda.gov/TobaccoProducts/PublicHealthScienceResearch/ucm436335.htm>

<http://blogs.fda.gov/fdavoices/index.php/2015/06/fdas-new-research-videos-on-e-cigarettes-nicotine-and-cigarillos-2/>

FDA posts purportedly "Scientific Publications by FDA Staff" on tobacco and vapor products, most of which are fear mongering propaganda to confuse the public about product risks, and most of which is intended to lobby for FDA's "deeming regulation"

[http://www.accessdata.fda.gov/scripts/publications/more.cfm?center=CTP&center\\_name=Tobacco&source=govdelivery&utm\\_medium=email&utm\\_source=govdelivery](http://www.accessdata.fda.gov/scripts/publications/more.cfm?center=CTP&center_name=Tobacco&source=govdelivery&utm_medium=email&utm_source=govdelivery)

FDA posts new website to search for FDA funded propaganda (aka Tobacco Regulatory Research Projects) that misrepresents the health risks of different tobacco and vapor products and/or the demographics of different tobacco and vapor product consumers (to confuse and lobby for FDA's proposed "deeming regulation" and other regulatory goals)

<http://www.fda.gov/TobaccoProducts/PublicHealthScienceResearch/Research/ucm396257.htm>

Cancer Research UK: Research shows most children do not regularly use e-cigarettes

<http://www.cruk.cam.ac.uk/news/latest-news/research-shows-most-children-do-not-regularly-use-e-cigarettes>

New study finds experienced vapers absorb twice as much nicotine as experimenters, but far less than from cigarette smoking. Nicotine absorption from electronic cigarette use: comparison between experienced consumers (vapers) and naïve users (smokers)

<http://www.nature.com/srep/2015/150617/srep11269/full/srep11269.html>

Konstantinos Farsalinos -- Nicotine absorption from e-cigarettes: comparison between vapers and smokers

<http://www.ecigarette-research.org/research/index.php/research/research-2015/215-nic2>

Disingenuous and biased IPSOS poll conducted for Reuters on so-called “e-smoking” derogatorily stigmatizes vapers by calling them “e-smokers”, but still finds many Americans have benefited from vaping

<http://www.ipsos-na.com/download/pr.aspx?id=14594>

Reuters/Ipsos poll finds almost 10% of Americans now vape and that 75% of vapers are smokers, but Reuters falsely claims vaping doesn’t help people quit smoking and demonizes vaping by calling it smoking; poll didn’t inquire if nicotine was vaped

<http://www.reuters.com/article/2015/06/10/us-usa-ecigarette-poll-analysis-idUSKBN00Q0CA20150610>

<http://blogs.reuters.com/american-insights/2015/06/10/look-whos-smoking-now-e-cigarettes-the-choice-of-a-new-richer-generation/>

ACSH – Vape, don’t smoke. Survey says: many are listening

<http://acsh.org/2015/06/vape-dont-smoke-survey-says-many-are-listening/>

Carl Phillips and Igor Burstyn – Post-publication peer-review: Correction to Burstyn (2014) and related matters

<http://antithrives.com/2015/06/11/post-publication-peer-review-correction-to-burstyn-2014-and-related-matters/>

NCI funded researchers study Philip Morris documents on additives in Merit cigarettes

<http://tobaccocontrol.bmj.com/content/early/2015/05/03/tobaccocontrol-2014-051943.full>

but Tobacco Control press release deceitfully claimed the study found e-cigarette are as addictive as cigarettes; deceived news media repeat false fear mongering claims without any fact checking (or even reading the study)

[http://tobaccocontrol.bmj.com/content/suppl/2015/06/09/tobaccocontrol-2014-051943.DC1/tobaccocontrol-2014-051943\\_Press\\_release.pdf](http://tobaccocontrol.bmj.com/content/suppl/2015/06/09/tobaccocontrol-2014-051943.DC1/tobaccocontrol-2014-051943_Press_release.pdf)

<http://www.newsweek.com/e-cigarettes-are-just-addictive-tobacco-thanks-pyrazine-additives-342447>

<http://www.brisbanetimes.com.au/national/health/new-study-finds-ecigarettes-may-increase-nicotine-dependence-and-attractiveness-of-smoking-20150615-ghlv8g>

<http://medicalxpress.com/news/2015-06-additives-tar-e-cigarettes-nicotine.html>

FDA and NCI funded researchers design totally inappropriate study (conducted from 2010 to 2013), then deceitfully claim e-cigs don’t help people quit smoking; survey only asked about e-cig use during “past 6 months”, many/most of whom were e-cig experimenters (instead of appropriately asking about daily or regular e-cig use, which occurs whenever smokers quit smoking by switching to vaping)

<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2015.302707?journalCode=ajph&>

Mike Siegel: E-cigarette opponents continue to use inappropriate research designs to conclude that e-cigarettes impede smoking cessation

<http://tobaccoanalysis.blogspot.com/2015/06/e-cigarette-opponents-continue-to-use.html>

FDA funded Stan Glantz touts junk study to once again deceitfully claim e-cigs keep people smoking

<https://tobacco.ucsf.edu/more-evidence-e-cigs-are-depressing-quitting-smoking-real-world>

Survey of pregnant women finds, among e-cig ever users, 74% correctly believe e-cigs are less hazardous than cigarettes and 72% correctly believe e-cigs help with smoking

cessation; but authors conclusion claims “Misconceptions about e-cigarettes are common among pregnant women, potentially motivating use that may pose risks to both maternal and child health,” advocate so-called e-cigarette “education” for prenatal care, tell news media there is no evidence e-cigs are less hazardous than cigarettes for pregnant women.  
[http://journals.lww.com/journaladdictionmedicine/Abstract/publishahead/Knowledge, Attitudes, and Practice of Electronic.99685.aspx](http://journals.lww.com/journaladdictionmedicine/Abstract/publishahead/Knowledge,_Attitudes,_and_Practice_of_Electronic.99685.aspx)  
<http://www.reuters.com/article/2015/06/11/us-health-pregnancy-ecigarettes-idUSKBN0OR27520150611>

Minnesota Health Dept falsely claims all phone calls to PCS reporting an e-cig exposure to a child were cases of “poisoning”; grossly exaggerates negligible risks of nicotine and e-liquid to scare and discourage smokers from switching to vaping; fails to acknowledge that >1000 times more children were actually poisoned by drugs and household cleaners; urges more calls to PCS (so they can claim even more kids were poisoned by e-cigs)  
<http://content.govdelivery.com/accounts/MNMDH/bulletins/108e694>  
<http://www.mprnews.org/story/2015/06/10/youth-nicotine-poisonings>

Yet another Poison Control Center scares public about minimal risks of e-liquid, while failing to acknowledge the many common household products that have poisoned and killed thousands of times more children; commenter reveals number of calls to PCCs.  
<http://www.myfoxphilly.com/story/29312667/2015/06/13/e-cigarette>

Important new Minnesota study confirms that surveys inquiring about “past 30 day” use of e-cigs are extremely misleading, finds:

- “daily” e-cig use by 3.4% of current smokers, 2.0% of exsmokers, .05% of never smokers;
- “daily” vapers are far more likely than “infrequent” vapers to desire quitting or reducing tobacco use (i.e. cigarette smoking);
- e-cigs were used on “>5 of past 30 days” by 11.2% of current smokers, 2.7% of exsmokers, and just .1% of never smokers;
- current smokers were 112 times more likely than never smokers (.112/.001) to use e-cigs on >5 of past 30 days, while exsmokers were 27 times more likely to do so (.027/.001);
- most never smokers who reported e-cig use in “past 30 days” did so on just one day;
- e-cig usage surveys should inquire about “frequent use” of e-cigs; and
- e-cig usage surveys that don’t inquire about daily or frequent vaping are misleading (including all e-cig usage surveys touted by Obama’s DHHS to demonize vaping and to lobby for FDA’s “deeming regulation” that would ban >99.9% of vapor products).  
<http://tobaccocontrol.bmj.com/content/early/2015/05/15/tobaccocontrol-2015-052236.full.pdf+html>  
[http://tobaccocontrol.bmj.com/content/suppl/2015/06/17/tobaccocontrol-2015-052236.DC1/tobaccocontrol-2015-052236\\_press\\_release.pdf](http://tobaccocontrol.bmj.com/content/suppl/2015/06/17/tobaccocontrol-2015-052236.DC1/tobaccocontrol-2015-052236_press_release.pdf)  
[http://www.science20.com/news\\_articles/including\\_experimenter\\_in\\_ecigarette\\_studies\\_have\\_questionable\\_value-156207](http://www.science20.com/news_articles/including_experimenter_in_ecigarette_studies_have_questionable_value-156207)

Tobacco Control has subsequently put up a paywall for this important MN e-cig survey. But the full text of the study is available at:

[https://www.scribd.com/fullscreen/269795143?access\\_key=key-t11YhA93oAT0ogjo2Fey&allow\\_share=true&escape=false&show\\_recommendations=false&view\\_mode=scroll](https://www.scribd.com/fullscreen/269795143?access_key=key-t11YhA93oAT0ogjo2Fey&allow_share=true&escape=false&show_recommendations=false&view_mode=scroll)

Jacob Sullum: Two surveys find that almost all regular vapers are smokers  
Fears that e-cigarettes lure nonsmokers into nicotine habits seem to be unfounded.  
<http://reason.com/blog/2015/06/23/two-surveys-find-that-almost-all-regular>

Mike Siegel: New study finds that problem of e-cigarette use among nonsmoking adults is non-existent  
<http://tobaccoanalysis.blogspot.com/2015/06/new-study-finds-that-problem-of-e.html>

Mike Siegel: New UK research refutes e-cigarette gateway claims  
<http://tobaccoanalysis.blogspot.com/2015/06/new-uk-research-refutes-e-cigarette.html>

Working paper: Phillips-Burstyn-Carter, The limited value of journal peer review in public health: a case series of tobacco harm reduction articles  
<http://ep-ology.com/2015/06/24/working-paper-phillips-burstyn-carter-the-limited-value-of-journal-peer-review-in-public-health-a-case-series-of-tobacco-harm-reduction-articles/>  
<https://epology.files.wordpress.com/2015/06/phillips-burstyn-carter-peer-review-review-working-paper-23jun15.pdf>

Sally Satel: Nicotine isn't the real villain  
<http://www.forbes.com/sites/sallysatel/2015/06/19/nicotine-can-save-lives/>

Euromonitor says \$6 billion of e-cigs sold worldwide in 2014 (including \$2 billion of e-liquid) with 13 million vapers (compared to \$2.4 billion of Big Pharma NRT); \$2.8 billion of e-cigs sold in US; cigalike share of vapor product market declined from 66% in 2009 to 33% in 2014 (as sales of e-liquid and open tank vaporizers skyrocketed); forecasts e-cig and e-liquid sales could triple or quadruple by 2019 (if governments don't ban, excessively tax or regulate the products)  
<http://blog.euromonitor.com/2015/06/the-e-cigarettes-market-past-present-and-future.html>  
<http://blog.euromonitor.com/2015/06/vapor-devices-and-e-cigarettes-in-the-global-tobacco-market.html>  
<http://www.businesswire.com/news/home/20150622006111/en/Vapour-Devices-Including-E-Cigarettes-Reach-US50-Billion#.VYh8sFVViko>

Vaping takes off as e-cigarettes sales break through \$6 billion  
<http://www.telegraph.co.uk/finance/newsbysector/retailandconsumer/11692435/Vaping-takes-off-as-e-cigarette-sales-break-through-6bn.html>

Cigarettes' troubled future as alternatives steam ahead  
<http://blog.euromonitor.com/2015/06/cigarettes-troubled-future-as-alternatives-steam-ahead.html>

Is smoking finally on its way to being stamped out?  
<http://www.telegraph.co.uk/finance/newsbysector/retailandconsumer/leisure/11656836/Is-smoking-finally-on-its-way-to-being-stamped-out.html>

CDC report lobbies for more state tobacco control funding, deceitfully conflates all tobacco use (including experimentation and use of very low risk e-cigs, smokeless tobacco & OTP) with daily cigarette smoking to confuse and scare, falsely attributes huge decline in cigarette smoking to government run tobacco control programs (that have discouraged smokers from quitting by lying about low risks smokefree alternatives)

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6424a5.htm?s\\_cid=mm6424a5\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6424a5.htm?s_cid=mm6424a5_e)  
<http://www.mcclatchydc.com/2015/06/25/271249/cdc-state-should-spend-more-on.html>

Gil Ross: The public health cabal's war on e-cigarettes (exposes and criticizes the well financed campaign by Obama's DHHS and Big Pharma to demonize and ban e-cigs)  
<http://spectator.org/articles/63259/%E2%80%98public-health%E2%80%99-cabal%E2%80%99s-war-e-cigarettes>

Mike Siegel: A must read treatment of the CDC's campaign of deception regarding e-cigarettes  
<http://tobaccoanalysis.blogspot.com/2015/06/a-must-read-treatment-of-cdcs-campaign.html>  
<http://www.psandman.com/col/e-cigs.htm>

New FDA webpage repeats CDC's deceitful spin on 2014 NYTS findings on tobacco and youth, fails to mention the record annual decline and record low teen cigarette smoking rates among "key findings" of 2014 NYTS, conflates lifesaving vapor products with highly addictive and lethal cigarettes, deceitfully insinuates that experimental use of a vapor product, cigar and/or hookah is more harmful than daily cigarette smoking, lies about nicotine (which DHHS claims is "safe and effective" when sold by Big Pharma).  
<http://www.fda.gov/ForConsumers/ConsumerUpdates/ucm450882.htm>

In press release, FDA staff misrepresent 2014 CDC NYTS findings to lobby for deeming regulation, deceitfully claim "the increase in the use of e-cigarettes and hookahs [water pipes] undermines progress in reducing tobacco use among kids," and "Nicotine in any form is dangerous and highly addictive for all children . . . That includes e-cigarettes, hookahs, cigarettes or cigars" (as vapor products, hookahs and cigars are far less addictive and far less harmful than cigarette smoking).  
<http://consumer.healthday.com/kids-health-information-23/adolescents-and-teen-health-news-719/u-s-teen-use-of-e-cigarettes-hookahs-up-dramatically-survey-700672.html>

FDA and NCI funded Stan Glantz totally misrepresents the findings of yet another one of his studies (on cigarette smoking) to again lie about THR, e-cigs and smokeless tobacco  
<http://tobaccocontrol.bmj.com/content/early/2015/06/17/tobaccocontrol-2015-052329.abstract?>  
<https://tobacco.ucsf.edu/smoking-declines-more-are-likely-quit-new-study-casts-doubt-value-promoting-e-cigarettes>

FDA and NIH funded Stan Glantz finally admits he's an ideologue (not an objective public health advocate) "The fundamental thing is that harm reduction is wrong" in NPR interview where he again lied about lifesaving vapor products and his research findings (that had nothing to do with vaping or THR).  
<http://www.npr.org/sections/health-shots/2015/06/25/417200720/with-more-people-quitting-smoking-do-we-need-e-cigarettes>

NIH financed e-cig prohibitionist Frank Leone and ATS yet again misrepresent the scientific evidence on e-cigs to confuse and scare, claim vapor products are "quackery", hawk less-than-effective smoking cessation drugs as only effective way to quit smoking  
<http://www.atsjournals.org/doi/abs/10.1513/AnnalsATS.201504-252ED>  
[http://www.atsjournals.org/doi/suppl/10.1513/AnnalsATS.201504-252ED/suppl\\_file/disclosures.pdf](http://www.atsjournals.org/doi/suppl/10.1513/AnnalsATS.201504-252ED/suppl_file/disclosures.pdf)

Study by Stanford researchers finds high school students are far more knowledgeable about e-cigarettes and marijuana than are the Sanford researchers, who recommend more anti-vaping and anti-pot propaganda programs for high school students.

[http://www.jahonline.org/article/S1054-139X\(15\)00157-3/abstract](http://www.jahonline.org/article/S1054-139X(15)00157-3/abstract)

<http://medicalxpress.com/news/2015-06-adolescents-uncertain-marijuana-e-cigarettes.html>

<http://www.reuters.com/article/2015/06/25/us-health-teens-smoking-information-idUSKBN0P52C920150625>

Study: Use of vaporizers mitigates pulmonary risks associated with cannabis smoking

<http://www.thedailychronic.net/2015/44609/study-use-of-vaporizers-mitigates-pulmonary-risks-associated-with-cannabis-smoking/>

No smoke, no fire: What the initial literature suggests regarding vapourized cannabis and respiratory risk

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4456813/>

2012/13 survey of US adults found just 11% correctly believed e-cigs are much less harmful than cigarettes, just 51% correctly believed e-cigs are less harmful than cigarettes, and just 9% correctly believed smokeless tobacco is less harmful than cigarettes. While documenting that DHHS and other THR opponents have deceived most Americans to believe very low risk smokefree alternatives are as harmful as cigarettes, the biased survey falsely informed participants that e-cigs were new types of cigarettes.

<http://www.harmreductionjournal.com/content/12/1/21>