Demographic Questions

- Q1. Are you? gender
 - 1. Male
 - 2. Female
 - 3. Transgender
- Q2. What term below best describes your ethnicity? ethnic
 - 1. Hispanic or Latino
 - 2. Not Hispanic or Latino
- Q3. What term(s) below best describe your race? (Check all that apply) race
 - 1. American Indian or Alaska Native
 - 2. Asian
 - 3. Black or African American
 - 4. Native Hawaiian or Pacific Islander
 - 5. White
- Q4. What is your age? age
 - <DROP DOWN MENU>
- Q5. What is your highest level or education? educat
 - 1. Some high school, no diploma or GED
 - 2. High school diploma or GED
 - 3. Vocational/Technical school
 - 4. Some college
 - 5. 2-year associate degree (AA, AS)
 - 6. 4-year bachelor's degree (BA, BS)
 - 7. Graduate degree (MA, MS, JD, MD, PhD)
- Q6. Which best describes your current schooling/education status? edustat
 - 1. Not enrolled in school (do NOT select if on a break between semesters)

- 2. Attending high school or working towards a GED
- 3. Enrolled in vocational/technical school
- 4. Enrolled in 2-year college
- 5. Enrolled in 4-year college
- 6. Enrolled in graduate school

Q7. Which best describes your current job/paid employment status? empstat

- 1. Work full-time (35 hours/week or more)
- 2. Work part-time (15-34 hours/week)
- 3. Work part-time (less than 15 hours/week)
- 4. Don't work at all

Q8. What was your total personal employment income (wages, salaries, tips, etc.) during the past 12 months? income

- 1. \$0
- 2. \$1-2,499
- 3. \$2,500-\$4,999
- 4. \$5,000-\$9,999
- 5. \$10,000-\$14,999
- 6. \$15,000-\$22,499
- 7. \$22,500-\$29,999
- 8. \$30,000-\$39,999
- 9. \$40,000-\$49,999
- 10.\$50,000 or more

Use Questions





E-Cigarettes

Nicotine Vaporizers

Version: 1; Date: 6/12/2015

Q9. Do you own an e-cigarette or nicotine vaporizer? ownecv

- 1. Yes
- 2. No

Q10. How much did you pay for your e-cigarette or nicotine vaporizer? payecv

- 1. Less than \$10
- 2. \$10 to \$20
- 3. \$21 to \$100
- 4. More than \$100

Q11. How many times have you used e-cigarettes or nicotine vaporizers in your entire life? ecvlife

- 1. 1 time
- 2. 2 to 5 times
- 3. 6 to 15 times
- 4. 16 to 25 times
- 5. 26 to 99 times
- 6. 100 to 499 times
- 7. 500 or more times

Q12. How old (in years) were you the first time you used an e-cigarette or nicotine vaporizer, even one puff? ecvfirstage

<FILL IN THE BLANK>

Q13. How old (in years) were you when you started using e-cigarettes or nicotine vaporizers regularly? ecvregage

<FILL IN THE BLANK>

Q14. How often do you purchase new disposable e-cigarettes, cartridges, or juice for your nicotine vaporizer? ecvbuy

- 1. Once per year or less
- 2. More than once per year, but less than once per 6 months
- 3. More than once per 6 months, but less than once per 3 months
- 4. More than once per 3 months, but less than once per month
- 5. More than once per month, but less than once per 2 weeks
- 6. More than once per 2 weeks, but less than once per week
- 7. Once per week or more

Q15. During the last 30 days, on how many days did you use your e-cigarette or nicotine vaporizer? ecvdays30

Version: 1; Date: 6/12/2015

<FILL IN THE BLANK>

Q16. How often do you use your e-cigarette or nicotine vaporizer? ecvfreq

- 1. 10 + times per **day**
- 2. 7 9 times per day
- 3. 4 6 times per **day**
- 4. 1 3 times per **day**
- 5. 5 6 times per week
- 6. 3 4 times per **week**
- 7. 1 2 times per **week**
- 8. Less than once per week

Q17. Around this time 12 months ago, how often did you use your e-cigarette or nicotine vaporizer? ecvfreqpast

- 1. 10 + times per **day**
- 2. 7 9 times per day
- 3. 4 6 times per day
- 4. 1 3 times per day
- 5. 5 6 times per **week**
- 6. 3 4 times per **week**
- 7. 1 2 times per week
- 8. Less than once per week
- 9. I didn't use e-cigarettes or nicotine vaporizers 12 months ago.
- 10. Don't Know

Q18. What concentration of nicotine do you usually use in your e-cigarette or nicotine vaporizer? ecvconcnow

<DROP DOWN MENU WITH [0 mg or 0%] to [25+ mg or over 1.9%] in increments of 1 mg>

Q19. Around this time 12 months ago, what concentration of nicotine did you usually use in your e-cigarette or nicotine vaporizer? ecvconcpast

<DROP DOWN MENU WITH [0 mg or 0%] to [25+ mg or over 1.9%] in increments of 1 mg>

Q20. Please select all other tobacco products that you currently use regularly:

- Cigarettes regcig
- Little cigars regleigar
- Cigarillos regcigarillo
- Big Cigars regbcigar
- o Pipes regpipe
- Hookah tobacco reghook
- Chewing tobacco regchew
- Dip/Moist Snuff regdip
- Snus regsnus

Dependence Questions

Q21. What is the longest number of days you've stopped using e-cigarettes or nicotine vaporizers, **not including quit attempts**? **daysnouse**

Version: 1; Date: 6/12/2015

<FILL IN THE BLANK>

Q22. Have you ever attempted to stop using using e-cigarettes or nicotine vaporizers? quit

- 1. Yes
- 2. No

Q23. [IF Q22 is YES] For how many days were you able to guit using e-cigarettes or nicotine vaporizers? quitdays

When answering this next set of questions, please think about your use of e-cigarettes and vaporizers.

Q24. The product I am primarily thinking of when I answer these next questions is....? ecvprod

- 1. e-cigarettes
- 2. nicotine vaporizers
- 3. both e-cigarettes and nicotine vaporizers

Q25. Select the option that best describes how much you agree or disagree with each statement for your use of e-cigarettes/nicotine vaporizers, with Strongly Disagree being 1 and Strongly Agree being 6

Note, actual scale will have labels: Strongly Disagree, Disagree, Somewhat Disagree, Somewhat Agree, Agree, Strongly Agree.

	1	2	3	4	5	6
I hate getting stuck with a bad flavor. ecvdep1						
I enjoy looking at the vapor. ecvdep2						
I have my e-cigarette and/or nicotine vaporizer on me at all times. ecvdep3						
I generally use e-cigarettes or juice with more nicotine now than when I first started. ecvdep4						
I am always thinking about vaping when I'm not currently vaping. ecvdep5						
I feel happier after I use an e-cigarette and/or nicotine vaporizer. ecvdep6						
Using an e-cigarette and/or nicotine vaporizer helps me have a good time. ecvdep7						
Using an e-cigarette and/or nicotine vaporizer is a good way to unwind. ecvdep8						
When I don't vape for a while I start feeling anxious or upset. ecvdep9						
Using my e-cigarette and/or nicotine vaporizer helps me think. ecvdep10						
I am always looking for a way to improve my device and my experience. ecvdep11						

I use my e-cigarette and/or nicotine vaporizer without						
thinking about it. ecvdep12		_				
Vaping is a part of who I am. ecvdep13						
I spend a lot of time with other people who vape. ecvdep14						
There are certain places that make me want to vape more.						
ecvdep15						
I get excited about trying a good flavor. ecvdep16						
Sometimes I like to make shapes with the vapor. ecvdep17	Ш	Ш	Ш	Ш	Ш	Ш
I feel uneasy or disappointed when I don't have my e-						
cigarette and/or nicotine vaporizer on me. ecvdep18						
I need more nicotine now to get the same buzz as when I						
first started. ecvdep19						
I look forward to vaping. ecvdep20	ш	ш	ш	ш	ш	Ш
I have a more positive outlook on things after I've vaped.						
ecvdep21						
I enjoy discussing e-cigarettes and/or nicotine vaporizers						
with others who do this. ecvdep22						
I feel relaxed after vaping. ecvdep23						
I'm less productive if I don't vape. ecvdep24						
I like to stay updated on new products, events, or deals.						
ecvdep25						
Vaping is part of my daily routine. ecvdep26						
Vaping is part of my personality. ecvdep27						
It's hard to stop myself from using my e-cigarette and/or	_					
nicotine vaporizer when I'm around others who are vaping.						
ecvdep28						
Many things remind me of vaping in my everyday life.						
ecvdep29		_				
I often think about vaping like I do snacking. ecvdep30						
I like having something to do with my mouth. ecvdep31						
I'd keep my e-cigarette and/or nicotine vaporizer on me						
even if it wasn't allowed. ecvdep32						
I run out of battery or have to switch batteries in my e-	_					
cigarette and/or nicotine vaporizer more frequently than I						
used to. ecvdep33						
When I have the urge to vape, only vaping can satisfy it.						
ecvdep34						
Using an e-cigarette and/or nicotine vaporizer gives me a						
buzz. ecvdep35		_				
I like to show off my e-cigarette and/or vaporizer. ecvdep36				$\vdash \equiv \vdash$		
My first reaction when I'm stressed is to vape. ecvdep37						
Vaping helps me to focus. ecvdep38		Ш				Ш
I spend more money on devices or parts than when I first						
started vaping. ecvdep39						
Sometimes I lose track of how much I've used. ecvdep40						

lenjoy having a unique device. ecvdep41]	
In with my friends. ecvdep42	, ,		1	
The temperature of the vapor is pleasant. ecvdep44 If I forgot my e-cigarette and/or nicotine vaporizer at home, I would go back to get it. ecvdep45 I vape in certain places even when I know I shouldn't. ecvdep46 I like the buzz I get from vaping. ecvdep47 Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.	_ _			
If I forgot my e-cigarette and/or nicotine vaporizer at home, I would go back to get it. ecvdep45 I vape in certain places even when I know I shouldn't. ecvdep46 I like the buzz I get from vaping. ecvdep47 Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
would go back to get it. ecvdep45 I vape in certain places even when I know I shouldn't. ecvdep46 I like the buzz I get from vaping. ecvdep47 Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
I vape in certain places even when I know I shouldn't. ecvdep46 I like the buzz I get from vaping. ecvdep47 Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer, ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.] 0	
I like the buzz I get from vaping. ecvdep47 Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.	-			
Using my e-cigarette and/or nicotine vaporizer helps me take my mind off of things. ecvdep48 I enjoy looking up new flavors. ecvdep49 My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.	<u> </u>		1 0	
I enjoy looking up new flavors. ecvdep49 □ □ My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 □ □ Some activities I do are often associated with vaping. ecvdep51 □ □ I can only go a couple of hours before I want to vape again. ecvdep52 □ □ I get excited when I meet other people who are interested in vaping. ecvdep53 □ □ I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 □ □ I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 □ □ □ I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 □ □ □ I get nervous when I don't vape. ecvdep57 □ □ □ I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 □ □ □ Vaping helps me concentrate longer. ecvdep59 □ □ □ Helping others modify or rebuild their device is enjoyable. ecvdep60 □ □ □ There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 □ □ □ Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62]] 0	
My e-cigarette and/or nicotine vaporizer reflects my personality. ecvdep50 Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
Some activities I do are often associated with vaping. ecvdep51 I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.] 🗖	
I can only go a couple of hours before I want to vape again. ecvdep52 I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.			<u> </u>	
I get excited when I meet other people who are interested in vaping. ecvdep53 I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
I often feel the need to hold my e-cigarette or nicotine vaporizer. ecvdep54 I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
I sometimes use my e-cigarette and/or nicotine vaporizer just to taste something. ecvdep55 I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.]	
I use my e-cigarette and/or nicotine vaporizer soon after I wake up. ecvdep56 I get nervous when I don't vape. ecvdep57 I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.	1			
Wake up. ecvdep56 □ I get nervous when I don't vape. ecvdep57 □ I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 □ Vaping helps me concentrate longer. ecvdep59 □ Helping others modify or rebuild their device is enjoyable. ecvdep60 □ There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 □ Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 □ The throat feel of vaping is pleasurable. ecvdep63 □ I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 □ I can think more clearly while I am vaping. ecvdep65 □ I often search for more information on devices and parts. □				
I feel less stressed after using e-cigarettes and/or nicotine vaporizers. ecvdep58 Vaping helps me concentrate longer. ecvdep59 Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.]			
vaporizers. ecvdep58 □ Vaping helps me concentrate longer. ecvdep59 □ Helping others modify or rebuild their device is enjoyable. ecvdep60 □ There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 □ Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 □ The throat feel of vaping is pleasurable. ecvdep63 □ I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 □ I can think more clearly while I am vaping. ecvdep65 □ I often search for more information on devices and parts. □				
Helping others modify or rebuild their device is enjoyable. ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
ecvdep60 There are certain times of day when I always vape, like when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
when I wake up or go to bed. ecvdep61 Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
Social settings make me think of using e-cigarettes and/or nicotine vaporizers. ecvdep62 The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
The throat feel of vaping is pleasurable. ecvdep63 I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
I prefer my own e-cigarette and/or nicotine vaporizer to others. ecvdep64 I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.	<u> </u>]	
I can think more clearly while I am vaping. ecvdep65 I often search for more information on devices and parts.				
I often search for more information on devices and parts.	, _	 _]	
ECVUEDOO				
I see using an e-cigarette and/or nicotine vaporizer as a part of me. ecvdep67]	

Vaping is pleasurable. ecvdep68						
If I don't vape, I start to fidget. ecvdep69						
I spend more time researching devices or parts than I did						
when I started. ecvdep70						
Smelling flavors I like makes me want to use my e-cigarette						
and/or nicotine vaporizer. ecvdep71						
Vaping and/or modifying my device is part of what makes						
me unique. ecvdep72					П	
I am much more able to concentrate while I vape. ecvdep73 People like me better when I'm vaping. ecvdep74						
I often notice the pleasant taste of vaping. ecvdep75						
I check for my e-cigarette and/or nicotine vaporizer like I						
check for my cell phone. ecvdep76						
Using an e-cigarette and/or nicotine vaporizer helps me feel						
better about myself. ecvdep77						
I like the social interaction and connection vaping provides.		П			П	П
ecvdep78						
Using my e-cigarette and/or nicotine vaporizer is a big part						
of my life. ecvdep79		ш			ш	ш
Using my e-cigarette and/or nicotine vaporizer improves the						П
quality of my work. ecvdep80						
I usually do not notice when I reach for my e-cigarette						
and/or nicotine vaporizer. ecvdep81						
I can enjoy vaping at higher concentrations of nicotine than						
when I first started, ecvdep82					П	П
I enjoy the warmth of the vapor. ecvdep83 If I haven't used my e-cigarette and/or nicotine vaporizer in a	ш	ш	ш	ш	ш	ш
while, I have trouble sleeping. ecvdep84						
Modifying my device is rewarding. ecvdep85		П			П	
More things remind me of using my e-cigarette and/or						
nicotine vaporizer than when I first started vaping. ecvdep86						
I don't feel like myself when I haven't vaped in a while.						
ecvdep87						Ш
When I feel overwhelmed, using an e-cigarette and/or		П			П	П
nicotine vaporizer helps me relax. ecvdep88					Ш	Ш
My urge to vape increases if I try to ignore it. ecvdep89						
Vaping makes it easier to taste foods without eating them.						
ecvdep90						
I use my e-cigarette and/or nicotine vaporizer when I'm					П	П
doing other things. ecvdep91						
Vaping helps me meet people and make new friends.						
ecvdep92						
I feel attached to my e-cigarette and/or nicotine vaporizer.						
ecvdep93						

	1		1		1	1
I am more easily irritated if I haven't vaped for a while. ecvdep94						
Modifying my e-cigarette and/or nicotine vaporizer is a part of my identity. ecvdep95						
Seeing others vape makes me want to vape. ecvdep96						
When I feel frustrated, I vape as a form of distraction.						
ecvdep97						
I carry around spare batteries for my e-cigarette and/or						
nicotine vaporizer. ecvdep98						
Sometimes I treat vaping like a snack. ecvdep99 Not vaping makes me moody. ecvdep100						片
Finding out about new e-cigarette and/or nicotine vaporizer	+-	ш	ш	ш	ш	ш
products and parts is interesting. ecvdep101						
I like to vape at parties, even if I haven't been using other						
substances (e.g., alcohol or marijuana). ecvdep102						
Forgetting my e-cigarette and/or nicotine vaporizer at home makes me upset. ecvdep103						
Sometimes knowing I'll vape later is what gets me through						
what I'm doing now. ecvdep104	_		_		_	_
Vaping is a good way to clear my mind. ecvdep105	+₽					
I am proud of my device. ecvdep106						
I know I'm going to vape when I do certain activities. ecvdep107						
I like to do vapor tricks (such as O-rings or tornados). ecvdep108						
I don't get light headed as easily as I used to from vaping.	+_					_
ecvdep109						
Vaping is one of the few things that consistently makes me happy. ecvdep110						
I get my work done faster when I'm using my e-cigarette and/or nicotine vaporizer. ecvdep111						
When I see a friend of mine vaping it makes me want to	1_					_
vape. ecvdep112						
Using my e-cigarette and/or nicotine vaporizer is a habit.						
ecvdep113	<u> </u>					
E-cigarettes and/or nicotine vaporizers are the only things						
that help me relax. ecvdep114						
I frequently want to vape. ecvdep115						
Feeling the e-cigarette and/or nicotine vaporizer in my mouth is enjoyable. ecvdep116						
I feel better when I've been vaping. ecvdep117						
I enjoy introducing people to vaping. ecvdep118						
I have become more skilled at modifying my device over						
time. ecvdep119						
Being surrounded by vapor is pleasing. ecvdep120						

I vape where it's not allowed. ecvdep121						
I am energized by using an e-cigarette and/or nicotine			٦	٦	٦	П
vaporizer. ecvdep122		_				

Q26. How many times a day do you use an e-cigarette or nicotine vaporizer, on average? ftq1

<FILL IN THE BLANK>

Q27. Do you inhale? ftq2

- 1. Always
- 2. Quite often
- 3. Seldom
- 4. Never

Q28. How soon after you wake up do you first use your e-cigarette or nicotine vaporizer? ftq3

- 1. Within the first 30 minutes
- 2. More than 30 minutes after waking

Q29. Which e-cigarette or nicotine vaporizer use would you hate to give up? ftq4

- 1. First use in the morning
- 2. Any other use before noon
- 3. Any other use after noon
- 4. Any other use in the evening

Q30. Do you find it difficult to refrain from using an e-cigarette or nicotine vaporizer in places where it is forbidden (church, library, movies, etc.)? ftq5

- 1. Yes, very difficult
- 2. Yes, somewhat difficult
- 3. No, not usually difficult
- 4. No, not at all difficult

Q31. Do you use an e-cigarette or nicotine vaporizer if you are so ill that you are in bed most of the day? ftq6

- 1. Yes, always
- 2. Yes, quite often
- No, not usually
- 4. No, never

Q32. Do you use more during the first 2 hours of the day than during the rest of the day? ftq7

Version: 1; Date: 6/12/2015

1. Yes

2. No

Q33. Thinking about your e-cigarette or nicotine vaporizer use...

	No	Yes
	1	2
Have you ever tried to quit, but couldn't? honc1		
Do yes smoke <u>now</u> because it is really hard to quit? honc2		
Have you ever felt like you were addicted to tobacco? honc3		
Do you ever have strong cravings to vape? honc4		
Have you ever felt like you really needed an e-cigarette and/or nicotine vaporizer? honc5		
Is it hard to keep from vaping in places where you are not supposed to? When you haven't used tobacco for a while OR when you tried to stop vaping? honc6		
Did you find it hard to concentrate because you couldn't vape? honc7		
Did you feel more irritable because you couldn't vape? honc8		
Did you feel a strong need or urge to vape? honc9		
Did you feel nervous, restless, or anxious because you couldn't vape? honc10		

Note that for all DSM items below, variable names are not continuous to facilitate future comparison with different dataset.

Q34. Think about your use of e-cigarettes and nicotine vaporizers now. How much do you experience each of the following?

			Somewhat	
	All 1	Bit 2	3	a Bit 4
Compared to when you first started using, you can use more without experiencing effects like nausea, lightheadedness, or dizziness. dsm2				
Compared to when you first started using you need to use more now in order to feel satisfied or get the same effect. dsm3				

Q35. When you stop, cut down, or go without using an e-cigarette/nicotine vaporizer, how much do you experience...?

	Not at All 1	A Little Bit 2	Somewhat 3	Quite a Bit 4
A strong need/urge to use an e-cigarette or vaporizer dsm4				
Irritability dsm5				
Difficulty concentrating dsm6				
Restlessness or impatience dsm8				
Increased appetite or weight dsm9				
Decreased heart rate dsm10				
Nausea or vomiting dsm11				
Feeling sad, blue or depressed dsm12				
Feeling frustrated or angry dsm13				
Feeling tense or anxious dsm14				
Difficulty sleeping dsm15				

Q36. Think about the reactions you noted above in prior question about stopping or cutting down on your use of e-cigarettes/nicotine vaporizers.

	Not at	A Little	Somewhat	Quite
	All 1	Bit 2	3	a Bit 4
How often do you use now to KEEP from feeling this dsm18				

Q37. How often do you...?

	Not at All 1	A Little Bit 2	Somewhat 3	Quite a Bit 4
Use even though you promise yourself you won't dsm19				
Use more frequently or for more days in a row than you intend dsm20				
Try to stop or cut down on your use but are unable to do so dsm21				
Have periods of several days or more when you chain-smoke, that is, repeated use of an e-cigarette/vaporizer dsm22				
Give up or greatly reduce important activities now – like sports, work, or spending time with friends and family, so you can use dsm23				

Q38. How much do e-cigarettes/nicotine vaporizers currently cause you any...?

			Somewhat	Quite
	All 1	Bit 2	3	a Bit 4
Physical problems like coughing, difficulty breathing, lung trouble, or problems with your heart or blood pressure dsm24				
Emotional problems like irritability, nervousness, restlessness, difficulty concentrating, or depression dsm25				

Q39. Select the option that best describes how true each statement is for your use of e-cigarettes/nicotine vaporizers.

·							
	Not True of Me at All 1	2	3	4	5	6	Extremely True of Me 7
I often use without thinking about it wisdm1							
E-cigarettes/Vaporizers control me wisdm2							
I usually want to use right after I wake up wisdm3							
It's hard to ignore an urge to use wisdm4							
The flavor of an e-cigarette/vaporizer is pleasing wisdm5							
Using helps me feel better in seconds wisdm6							
Using helps me stay focused wisdm7							
I frequently use an e-cigarette/vaporizer without thinking about it wisdm8							
Most of my e-cigarettes/vaporizers taste good wisdm9							
Sometimes I feel like e-cigarettes/ vaporizer use rules my life wisdm10							
I frequently crave e-cigarettes/vaporizers wisdm11							
Using helps me think better wisdm12							
Using really helps me feel better if I've been feeling down wisdm13							
I consider myself to be a heavy user of e-cigarettes/vaporizers wisdm14							

Q40. Thinking about your e-cigarette or nicotine vaporizer use, select the option best describes how true each statement is for your use of e-cigarettes/vaporizers.

		•		
	Not at	Not Very	Fairly	Very
	All True	True	True	True
	1	2	3	4
Compared to when I first started using, I need to	П			
use a lot more now in order to be satisfied. ndss1				
Since I started using, I have increased how much				
Luse. ndss2				
After not using for a while, I need to use to relieve]	_
feelings of restlessness and irritability. ndss3				
After not using for a while, I need to use in order				
to keep myself from experiencing any discomfort.				
ndss4				
I can function much better in the morning after I've				
had an e-cigarette/vaporizer. ndss5				
Whenever I go without using an e-cigarette/				
vaporizer for a few hours, I experience craving.				
ndss6				
When I'm craving an e-cigarette/vaporizer it feels				
like I'm in the grip of some unknown force that I				
can't control. ndss7				
If there were no e-cigarettes/vaporizer in the				
house and there was a big rainstorm, I would still				
go out of the house and find one/some. ndss8				
In situations where I need to go outside to smoke,				
it's worth it to be able to smoke an e-cigarette/				
vaporizer, even in cold or rainy weather. ndss9				
If I'm low on money, I'll spend it on buying e-				
cigarette/vaporizer instead of buying lunch.				
ndss10	_	_	_	
My using pattern is very irregular throughout the				
day. It is not unusual for me to use an e-cigarette/	_	_	_	_
vaporizer a lot in one hour, then not use again for		ш	Ш	Ш
several hours later. ndss11				
My using is not much affected by other things, I				
use about the same amount whether I'm relaxed				
or working, happy or sad, alone or with others,				
etc. ndss12				
Even if traveling a long distance, I'd rather not				
travel by airplane because I wouldn't be allowed				
to use an e-cigarette/vaporizer. ndss13				
	l	l .		

Sometimes I decline offers to visit non-smoking family or friends because I know I'll feel uncomfortable if I use an e-cigarette/vaporizer. ndss14		
I tend to avoid restaurants that don't allow tobacco use, even if I would otherwise enjoy the food. ndss15		
I use consistently and regularly throughout the day. ndss16		
I use at different rates in different situations. ndss17		
Compared to when I first started using, I can use much more now before I start to feel nauseated or ill. ndss118		
It's hard to estimate how much I use per day because the amount changes. ndss19		
I feel a sense of control over my using. I can "take it or leave it" at any time. ndss20		
How much I use per day is often influenced by other factors – how I'm feeling, what I'm doing, etc. ndss21		
My using is fairly regular throughout the day. ndss22		
I use about the same amount on weekends as on weekdays. ndss23		

Q41. Thinking about your e-cigarette or nicotine vaporizer use, select the option best describes how much you agree or disagree with each statement.

	Disagree 1	Disagree a Little 2	Agree a Little 3	Agree 4
When I'm angry, an e-cigarette/vaporizer can calm me down expect1				
E-cigarettes/vaporizers are good for dealing with boredom expect2				
Using an e-cigarette/vaporizer keeps my weight down expect3				
When I'm upset with someone, using an e-cigarette/vaporizer helps me cope expect4				
If I have nothing to do, using an e- cigarette/vaporizer can help kill time expect5				
When I'm feeling down, an e-cigarette/vaporizer can really make me feel good expect6				
E-cigarettes/Vaporizers keep me from eating more than I should expect7				
When I'm alone, an e-cigarette/vaporizer can help me pass the time expect8				
Using an e-cigarette/vaporizer calms me down when I feel nervous expect9				
Using an e-cigarette/vaporizer helps me control my weight expect10				

Miscellaneous Questions

Q42. Select the option that describes how often each applies to you.

	Never/ Rarely		Almost Always
I act on impulse bis1			
I act on the spur of the moment bis2			
I do things without thinking bis3			
I say things without thinking bis4			
I buy things on impulse bis5			
I plan for job security bis6			
I plan for the future bis7			
I save regularly bis8			
I plan tasks carefully bis9			
I am a careful thinker bis10			
I am restless at lectures or talks bis11			
I squirm at plays or lectures bis12			
I concentrate easily bis13			
I don't pay attention bis14			
I get easily bored when solving thought problems bis15			

Q43. Select the option best describes how much you agree or disagree with each statement.

	Strongly Disagree	Disagree	Neither Disagree or Agree	Agree	Strongly Agree
I would like to explore strange places bsss1					
I get restless when I spend too much time at home bsss2					
I like to do frightening things bsss3					
I like wild parties bsss4					
I would like to take off on a trip with no pre-planned routes or timetables bsss5					
I prefer friends who are unpredictable bsss6					
I would like to try bungee jumping bsss7					

I would love to have new and			
exciting experiences, even if			
they are illegal bsss8			

Q44. About how many cigarettes have you smoked in your entire life? ciglife

- 1. 500 or more
- 2. 100 or more cigarettes (5 or more packs)
- 3. 26 to 99 cigarettes (more than one pack, but less than 5 packs)
- 4. 16 to 25 cigarettes (about 1 pack total)
- 5. 6 to 15 cigarettes (about ½ pack total)
- 6. 2 to 5 cigarettes
- 7. 1 cigarette
- 8. 1 or more puffs, but never a whole cigarette
- 9. I have never smoked

Q45. When was the **last time** you smoked a cigarette, even a puff? **lastsmk**

- 1. In the last 24 hours
- 2. Not in the last 24 hours, but sometime during the past 7 days
- 3. Not during the past 7 days, but sometime during the past 30 days
- 4. Not during the past 30 days, but sometime during the past 6 months
- 5. Not during the past 6 months, but sometime during the past year
- 6. 1 to 4 years ago
- 7. 5 or more years ago
- 8. I have never smoked

Please think about your smoking of CIGARETTES (even a puff) during THE LAST 30 DAYS.

Q46. During the last 30 days, on how many days did you smoke cigarettes? smk30

<DROP DOWN MENU, 0 – 30>

Q47. During the <u>last 30 days</u>, on the days you smoked cigarettes, about how many cigarettes did you smoke each day? smk30num

Version: 1; Date: 6/12/2015

<FILL IN THE BLANK>

Computed Variables

x_race	Race variables recoded into single factor variable.
x_ftq1 - x_ftq7	Recoded FTQ questions
x_ftq	Mean of the recoded x_ftq1 : xftq7, multiplied by 7
x_honc	HONC scale score
x_ndss20	Reverse coded NDSS item 20
x_ndss	NDSS scale score
x_wisdm	WISDM scale score
x_wisdm_aut	WISDM automaticity subscale
x_wisdm_ctrl	WISDM loss of control subscale
x_wisdm_tol	WISDM tolerance subscale
x_wisdm_crv	WISDM craving subscale
x_wisdm_tst	WISDM taste subscale
x_wisdm_cog	WISDM cognitive enhancement subscale
x_wisdm_aff	WISDM affective enhancement subscale
x_dsm2 - x_dsm25 (excluding 7, 16, 17)	Recoded DSM question
x_dsm_crit_1	DSM-IV tolerance criteria
x_dsm_crit_2	DSM-IV withdrawal criteria
x_dsm_crit_3	DSM-IV larger amount / longer time criteria
x_dsm_crit_4	DSM-IV cut down criteria
x_dsm_crit_5	DSM-IV substance use activities criteria
x_dsm_crit_6	DSM-IV reduced other activities criteria
x_dsm_crit_7	DSM-IV continued use despite knowledge of physical or psychological problem criteria
x_dsm_count	DSM-IV symptom count
x_dsm_diag	DSM-IV dichotomous diagnosis
x_expect	Electronic cigarette/nicotine vaporizer use expectancies scale score
x_expect_weight	Expectancies weight loss subscale

x_expect_negaff	Expectancies negative affect subscale
x_expect_bored	Expectancies boredom subscale
x_bis	Barratt's Impulsiveness Scale score
x_bis_attn	BIS attentional impulsiveness subscale
x_bis_motimp	BIS motor impulsiveness subscale
x_bis_noplan	BIS non-planning impulsiveness subscale
x_bsss	Brief Sensation Seeking Scale score