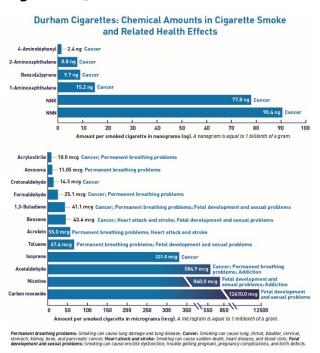
Version 3-4-20]

OMB# 0910-0880 EXP: 11/30/2022

[Note: bracketed text will not be visible to participants]

### [Appendix L: Online Survey Formats]

[Figure F-1. Durham Cigarettes]



constituents (in fres) in robuceo froducts

RTI PRINCIPAL INVESTIGATOR: Jessica Pepper

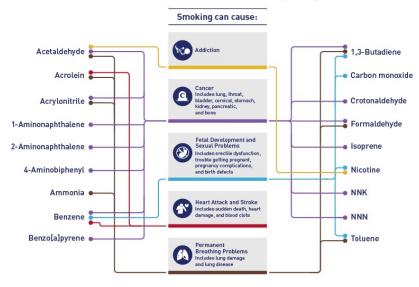
Version 3-4-20]

OMB# 0910-0880 EXP: 11/30/2022

#### [Figure F-2. Chemicals in Smoke]

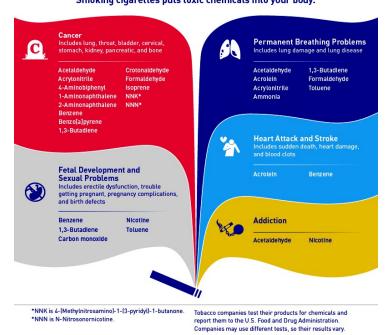
#### Chemicals in Durham Cigarette Smoke and Related Health Effects

Smoking cigarettes puts toxic chemicals into your body.



#### [Figure F-3. Durham Cigarettes]

# Chemicals in Durham Cigarette Smoke and Related Health Effects Smoking cigarettes puts toxic chemicals into your body.



Constituents (HPHCs) in Tobacco Products

RTI PRINCIPAL INVESTIGATOR: Jessica Pepper

Version 3-4-20]

OMB# 0910-0880 EXP: 11/30/2022

#### [Figure F-4. Durham Cigarettes]

## Chemicals in Durham Cigarette Smoke and Related Health Effects

Amount per Cigarette	Chemical	Cancer	Permanent Breathing Problems	Fetal Development and Sexual Problems	Heart Attack and Stroke	Addiction
584.9 mcg*	Acetaldehyde	•	•			•
55.0 mcg*	Acrolein		•		•	
10.0 mcg*	Acrylonitrile	•	•			
2.4 ng*	4-Aminobiphenyl		•			
15.2 ng*	1-Aminonaphthalene	•				
8.8 ng*	2-Aminonaphthalene	•				
11.5 mcg*	Ammonia		•			
43.4 mcg*	Benzene	•		•	•	
9.7 ng*	Benzo[a]pyrene	•				
41.1 mcg*	1,3-Butadiene	•	•	•		
12,410 mcg*	Carbon monoxide			•		
14.5 mcg*	Crotonaldehyde	•				
25.1 mcg*	Formaldehyde	•	•			
331.0 mcg*	Isoprene	•				
840.0 mcg*	Nicotine			•		•
77.8 ng*	NNK	•				
90.4 ng*	NNN	•				
67.4 mcg*	Toluene		•	•		

<sup>\*</sup>mcg—A microgram is equal to 1 millionth of a gram; ng—A nanogram is equal to 1 billionth of a gram.

#### All tobacco products contain harmful chemicals.

**The purpose of this list** is to provide information about the chemicals in this tobacco product that researchers have linked to health problems.

There may be other health problems and chemicals that have not been discovered yet.

Tobacco companies test their cigarettes for these chemicals and report the amounts to FDA.

**Please note:** There are no safe tobacco products. You cannot tell your chance of disease by the presence or absence of a harmful chemical.

There are many other chemicals that have been linked to health problems not on this list. The information on these chemicals is not currently available.

A machine is used to test for these chemicals. The amount of chemical that gets into the body may be higher or lower depending on how a person uses the tobacco product. Companies may use different tests to measure these chemicals. Results may vary.

Constituents (HPHCs) in Tobacco Products

RTI PRINCIPAL INVESTIGATOR: Jessica Pepper

Version 3-4-201

OMB# 0910-0880 EXP: 11/30/2022

[Figure F-5. Chemical Compounds Found in Cigarette Smoke]

## Chemicals in Durham Cigarette Smoke and Related Health Effects

The compounds shown below are all found in cigarette smoke. The amounts take into account both mainstream (inhaled) and sidestream smoke (the smoke that is released from the end of a burning cigarette). One microgram (mcg) is equal to 1 millionth of a gram. One nanogram (ng) is equal to 1 billionth of a gram. Amounts of these compounds vary in different brands of cigarettes.



 $[PROTOCOL\ TITLE:\ Measuring\ Consumer\ Comprehension\ of\ Displays\ of\ Harmful\ and\ Potentially\ Harmful\ Displays\ of\ Harmful\ Displays\ Option \ Displays\ Dis$ 

Constituents (HPHCs) in Tobacco Products

RTI PRINCIPAL INVESTIGATOR: Jessica Pepper

Version 3-4-20]

OMB# 0910-0880 EXP: 11/30/2022

#### [Figure F-6. Wildcard]

