*** SWEDISH MATCH

General Snus

MRTP Renewal
Tobacco Products
Scientific Advisory Committee Meeting

Swedish Match USA, Inc. June 26, 2024

Introduction

Gerry Roerty

Vice President, Legal and General Counsel

Modified Risk Products Under 911(g)(1)

Section 911(g)(1)* of the FD&C Act

requires the applicant to demonstrate that the product and claim will:



Significantly reduce harm and the risk of tobacco-related disease to individual tobacco users





Benefit the health of the population as a whole, taking into account both users of tobacco products and persons who do not currently use tobacco products

 General Snus has the potential to significantly reduce harm and the risk of tobacco-related disease

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Real-world evidence and data, including PMSS, continues to demonstrate that *General Snus* is APPH

General Snus Products

















Authorized Modified Risk Information





Using *General Snus* instead of cigarettes puts you at a lower risk of mouth cancer, heart disease, lung cancer, stroke, emphysema, and chronic bronchitis.

MRTP Renewal Guidance

Guidance for Industry

Modified Risk Tobacco Product Applications

DRAFT GUIDANCE

This guidance document is being distributed for comment purposes only.

Written comments and suggestions regarding this draft document may be submitted within 60 days of publication in the Federal Register of the notice announcing the availability of the draft guidance. Submit comments to the Division of Dockets Management (HfR-3:05), Food and Drug Administration, 56:30 Fishers Lane, Room 1061, (HfR-3:05), Rockville, MD, 20852. Alternatively, electronic comments may be submitted to http://www.regulations.gov. All comments should be identified with the docket number listed in the notice of availability that publishes in the Federal Register

For questions regarding this draft guidance, contact the Center for Tobacco Products at (Tel) 1-877-CTP-1373 (1-877-287-1373) Monday-Friday, 9:00 a.m. - 4:00 p.m. EDT.

Additional copies are available online at

http://www.fda.gov/TobaccoProducts/GuidanceComplianceRegulatoryInformation/defaul
Lhtm. You may send an e-mail request to SmallBiz.Tobacco@fda.hts.gov to receive an
electronic copy of this guidance. You may send a request for hard copies to U.S. Food
and Drug Administration, Center for Tobacco Products, Attn: Office of Small Business
Assistance, Document Control Center, Building 71, Room G335, 10903 New Hampshire
Avenue, Silver Spring, MD 20993-0002.

U.S. Department of Health and Human Services Food and Drug Administration Center for Tobacco Products

March 2012



- 1. FDA may renew an exposure modification order if the applicant files a new application and FDA finds that the requirements of such order under section 911(g)(1) continue to be satisfied.
- 2. When submitting an application for renewal of an order issued under section 911(g), you should ensure that you have <u>complied with applicable requirements to provide results from the required postmarket surveillance and studies</u> conducted pursuant to your order.

(emphasis added)

PMTA and MRTP Pathways

	PMTA Pathway	MRTP Pathway
Benefit the health of the population on the whole (APPH)		
Postmarket surveillance	✓	
Reduce harms and disease risks		
Modified risk claim		
Renewal process		

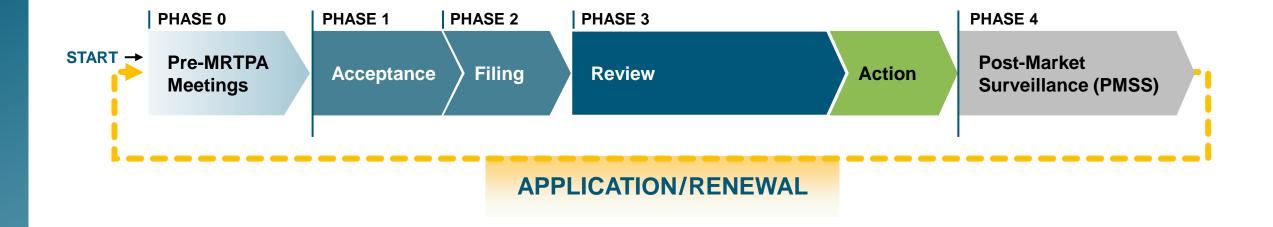
PMTA and MRTP Pathways

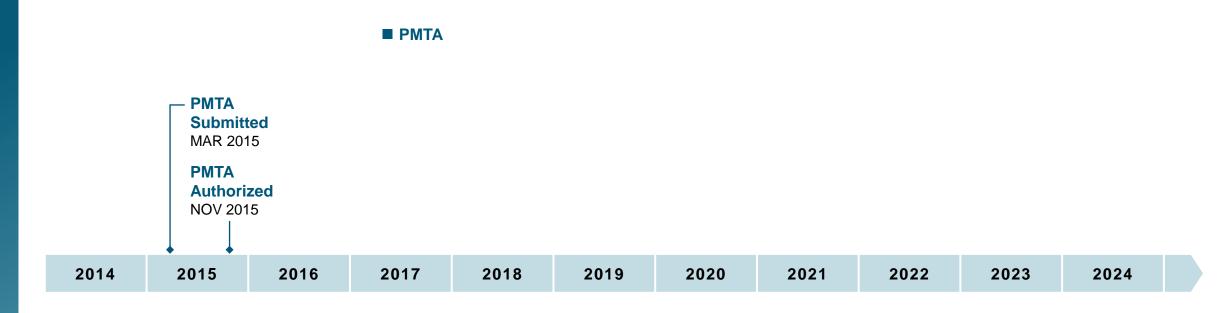
	PMTA Pathway	MRTP Pathway
Benefit the health of the population on the whole (APPH)	✓	✓
Postmarket surveillance	✓	✓
Reduce harms and disease risks		
Modified risk claim		✓
Renewal process		✓

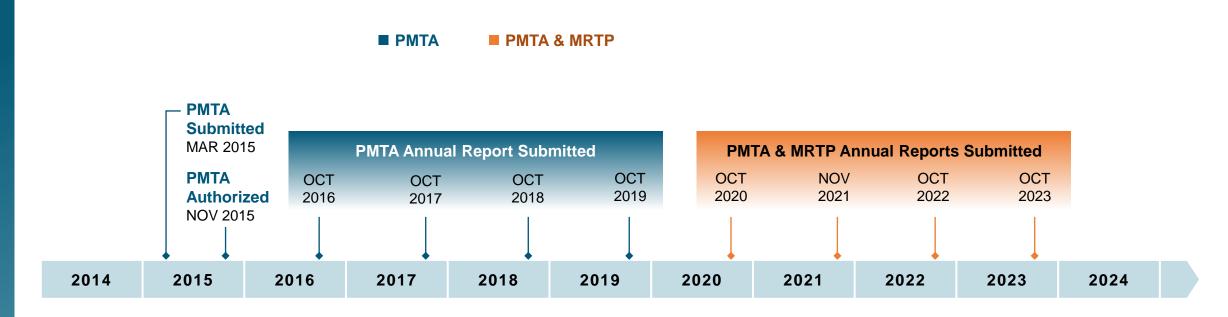
Modified Risk Tobacco Product (MRTP) Process

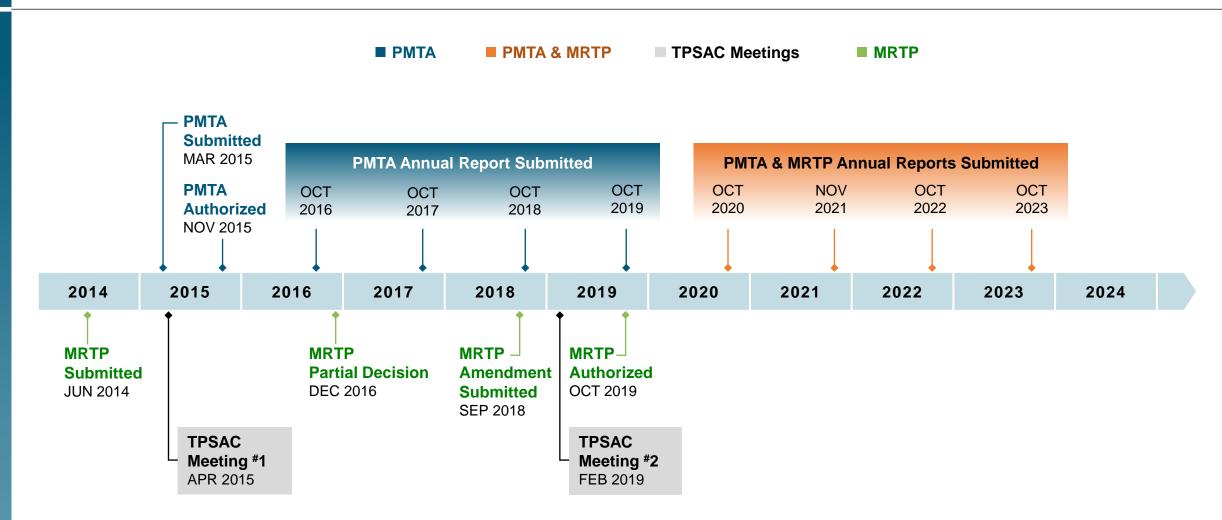


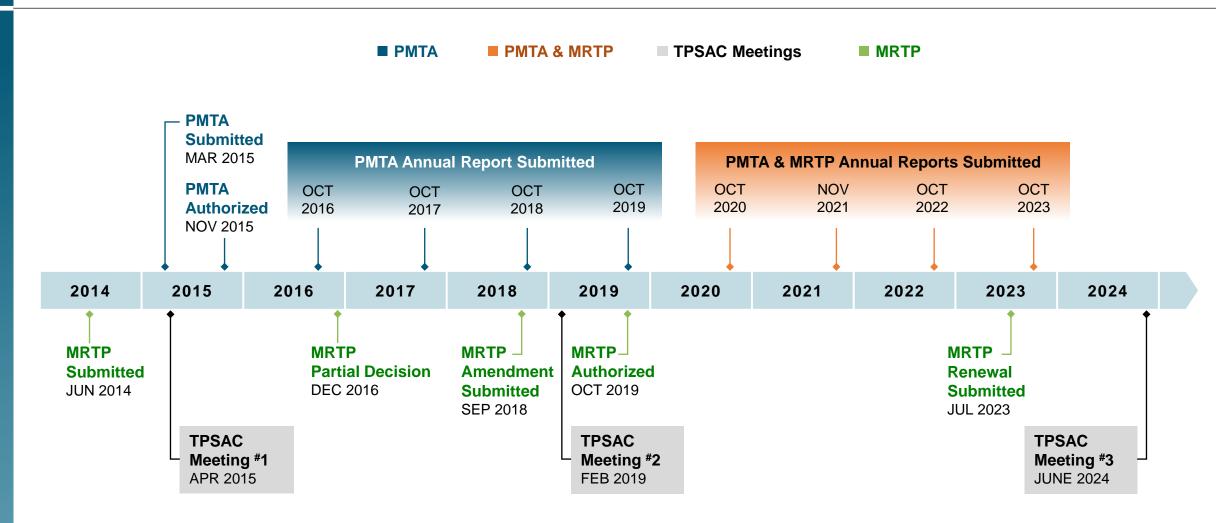
Modified Risk Tobacco Product (MRTP) Process











Postmarket Surveillance Supports FDA's Prior Authorizations

Prior evidence led to PMTA authorization

General Snus is APPH for both users and nonusers

Prior evidence led to MRTP authorization

General Snus will significantly reduce harm and the risk of tobacco-related disease

Postmarket Surveillance and Studies (PMSS)

All PMSS and reporting requirements have been met

Products remain APPH

PMSS have not raised new questions of public health

Real-world evidence and data, including PMSS, continues to demonstrate that *General Snus* is APPH

Areas of Assessment for MRTP Renewal



S. Food & Drug Administration 10903 New Hampshire Avenue Silver Spring, MD 20993

Scientific Review of Modified Risk Tobacco Product Application (MRTPA) Under Section 911 (d) of the FD&C Act — Technical Project Lead

	SUB	IVIISSIUN INFO	RIVIATION		
Applicant	Swedish Match USA, Inc.				
Product Manufacturer	Swedish Mato	h USA, Inc.			
Submission Date	June 10, 2014		FDA Receipt Date		June 10, 2014
Purpose	⊠ Risk Modification (911(g)(1) order)				
	☐ Exposure Modification (911(g)(2) order)				
Claims	Using General Snus instead of cigarettes puts you at a lower risk of mouth cancer, heart disease, lung cancer, stroke, emphysema, and chronic bronchitis.				
Primary STN(s)	MR0000020	General Loose		⊠Single □Co-Packaged Description N/A	
	MR0000021	General Dry Mint Portion Original Mini		⊠Single □ Co-Packaged Description: N/A	
	MR0000022	General Portion Original Large			ngle Co-Packaged cription: N/A
	MR0000024	General Class Portion White	ic Blend e Large – 12 ct		ngle Co-Packaged cription: N/A
	MR0000025	General Mint Large	Portion White		ngle Co-Packaged cription: N/A
	MR0000027	General Nordic Mint Portion White Large – 12 ct		⊠Single □ Co-Packaged Description: N/A	
	MR0000028	General Portion White Large			ngle Co-Packaged cription N/A
	MR0000029	General Wintergreen Portion White Large			ngle Co-Packaged cription: N/A

Amendments				
Amendment STN Primary STN		Description	FDA Receipt Date	
MR0000030	All	Market Tracker raw data	July 31, 2014	
MR0000031	All	HPHC raw data	August 1, 2014	
MR0000032	All	Background information related to cognitive testing for the premarket consumer perception study	August 5, 2014	
MR0000033	All	Raw data for the consumer perception study	August 15, 2014	
MR0000035	All	Response to November 12, 2014, FDA Information Request	December 3, 2014	

- 1. Health risks to individual users
- 2. Consumer understanding and perceptions
- 3. Tobacco use behavior and impact to the population
- 4. Responsible marketing and controls

Presentation Agenda

Scientific Assessment of the MRTP

- Health Risks to Individual Users
- Consumer Understanding and Perceptions
- Tobacco Use Behaviors and Impact to the Population

Tryggve Ljung, MD, PhD VP, Scientific Affairs

Marketing Assessment of the MRTP

Responsible Marketing and Controls

Jennifer Mulligan
Director, Marketing Services

Health Risks to Individual Users

Dr. Tryggve Ljung, MD, PhD

Vice President, Scientific Affairs

FDA's Prior Conclusions

Reductions in Harmful and Potentially Harmful Constituents (HPHCs)



FDA's prior evaluation of HPHCs:

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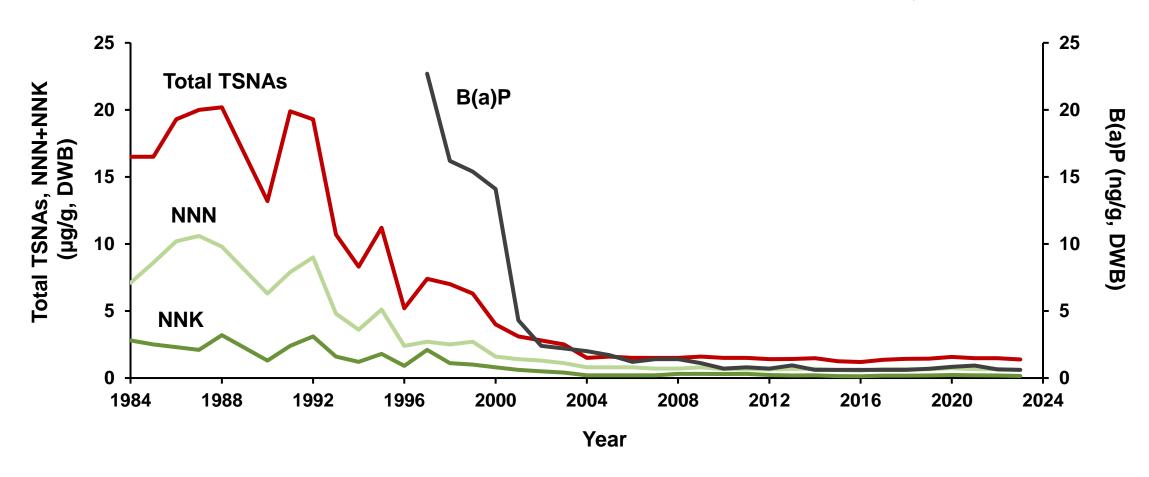
[T]he levels of NNN and NNK...in these *General Snus* products are lower than those in the vast majority of smokeless tobacco products on the U.S. market, and when used exclusively instead of other smokeless tobacco products, the *General Snus* products offer the potential for reductions in oral cancer risk.

FDA 2019 MRTP TPL

HPHC Reductions Monitored by Gothiatek®

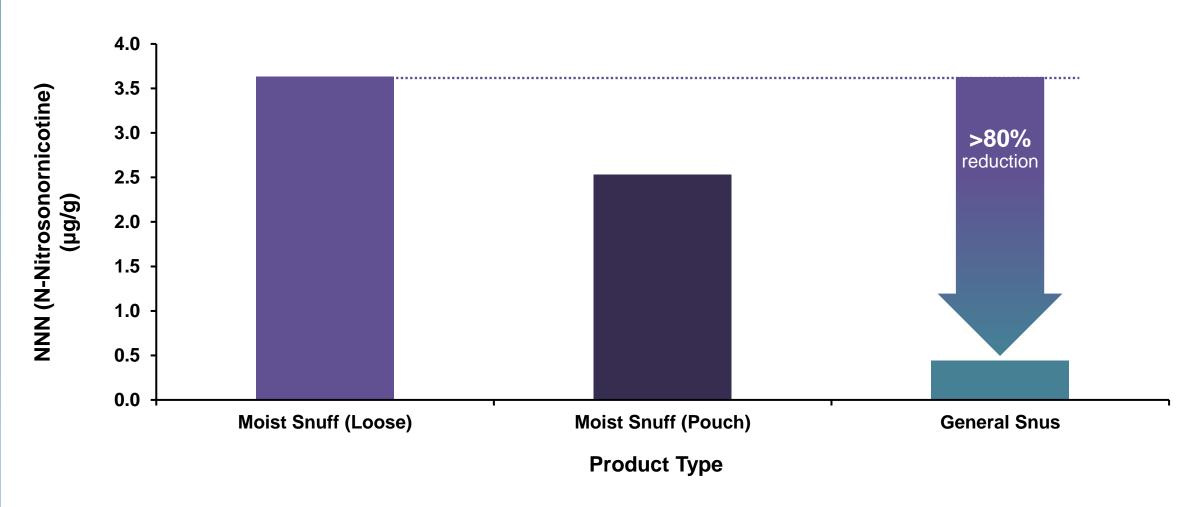
GOTHIATEK® Has Contributed to Reduction in Harmful Constituents

Levels of NNN, NNK, B(a)P, and total TSNAs have been dramatically reduced



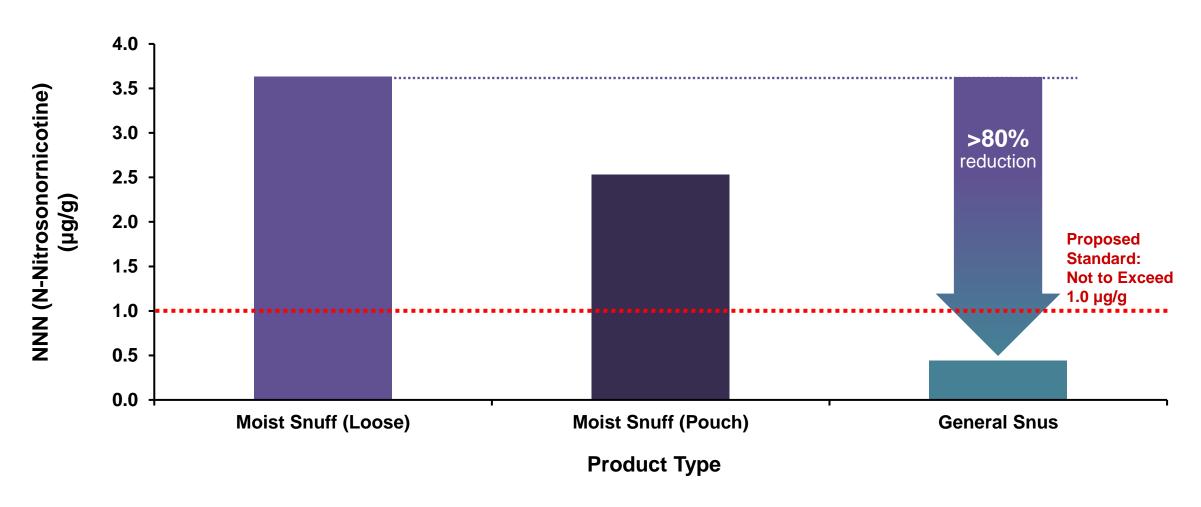
General Snus Has Significantly Lower Levels of NNN

NNN Measured in Smokeless Tobacco Products



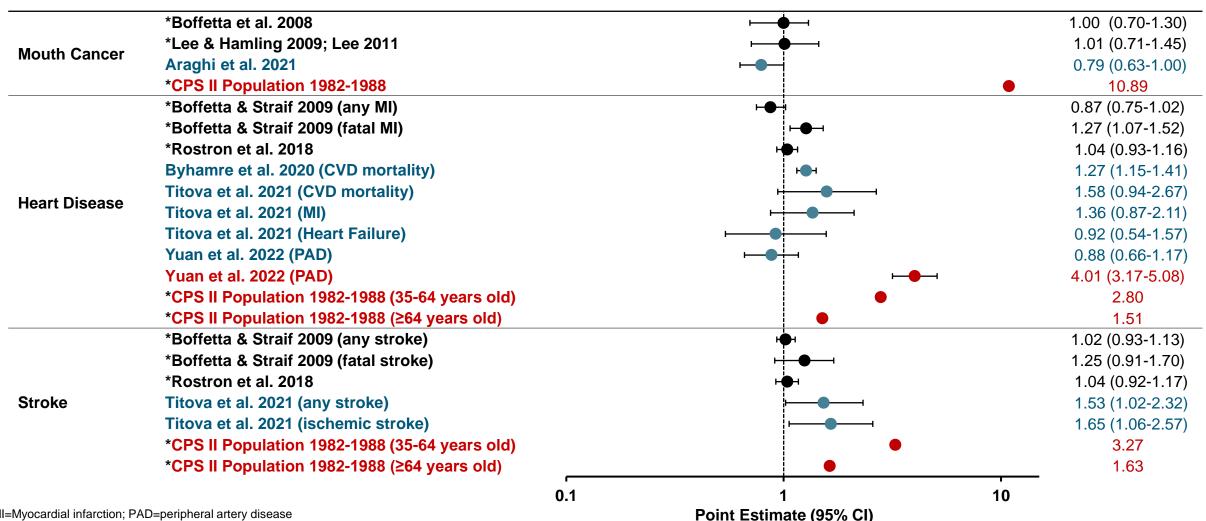
General Snus Has Significantly Lower Levels of NNN

NNN Measured in Smokeless Tobacco Products



Epidemiology Demonstrates Reduced Risk of Tobacco-Related Diseases





MI=Myocardial infarction; PAD=peripheral artery disease

^{*}Relative risk is used where Hazard Ratios were not available.

No Reported Serious or Unexpected Adverse Experiences (AEs) in the U.S. or Internationally

Throughout the postmarket surveillance period

(for both PMTA and MRTP authorizations) Oct. 1, 2015 to Oct. 19, 2023



Ongoing monitoring does not signal any concerns regarding AEs related to product use

Consumer Understanding and Perceptions

FDA's Prior Conclusions

Comprehension of Relative Risk of *General Snus* Compared to Cigarettes





Overall, these results provide evidence that **consumers generally understood the proposed modified risk claim** and the health risks of using [*General Snus*] in the context of total health. Exposure to the claim led to consumers understanding that the **relative risk of snus is lower compared to smoking** with respect to the health outcomes described in the claim.

- FDA 2019 MRTP TPL (emphasis added)

Experimental Design

General Snus Patterns of Use (POU) Study



Recruitment of General Snus Users



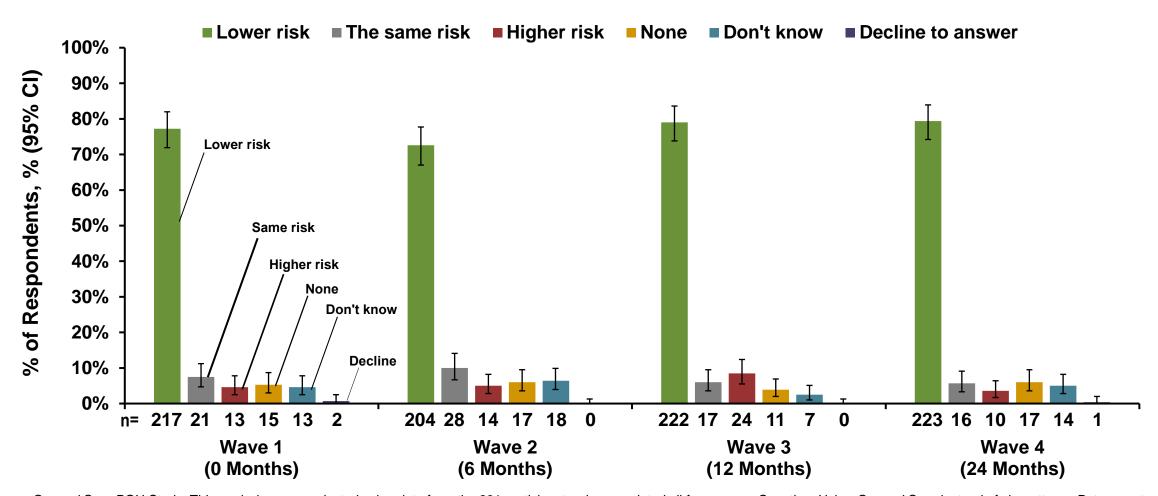
Wave 1	Wave 2	Wave 3	Wave 4
Baseline	6 Months	12 Months	24 Months
JUL – AUG 2020 N=1655	FEB – MAR 2021 N=695	AUG – SEP 2021 N=586	AUG – SEP 2022 N=451

Study Timeline

Source: General Snus POU Study

Respondents Overwhelmingly Comprehend Relative Risk of Using *General Snus* Instead of Smoking Cigarettes

Reported Disease Risks Associated with Using General Snus Instead of Cigarettes



Source: General Snus POU Study. This analysis was conducted using data from the 281 participants who completed all four waves. Question: Using General Snus instead of cigarettes.... Puts you at lower risk for mouth cancer, heart disease, lung cancer, stoke, emphysema, and chronic bronchitis. OR Does not affect your risk for mouth cancer, heart disease, lung cancer, stoke, emphysema, and chronic bronchitis. OR None of the above, Don't know, Decline to answer.

FDA's Prior Conclusions

Respondents Understand the Need to Completely Switch





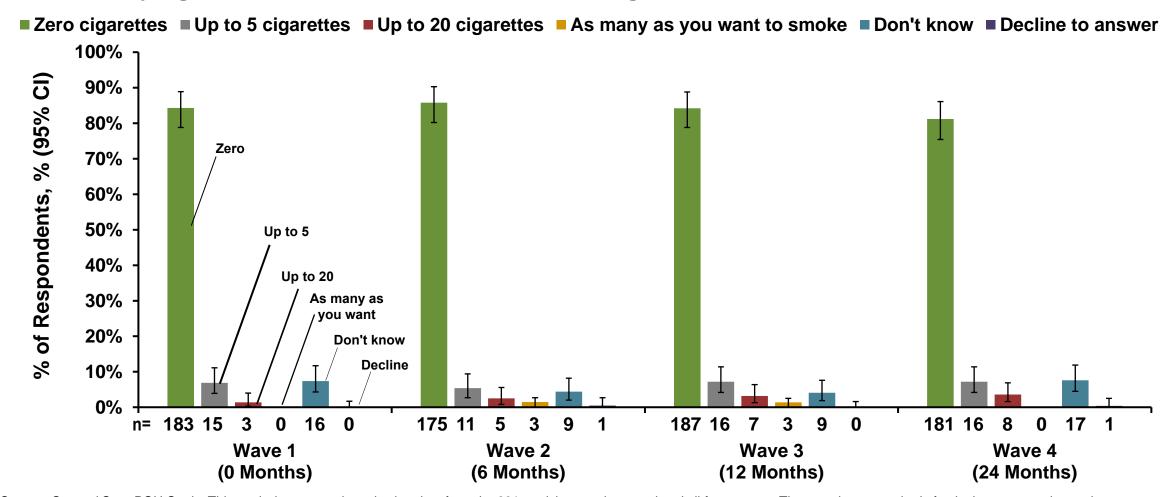
[T]he proposed claim did *not* lead smokers to believe that partial substitution would reduce their disease risk.

[T]he proposed claim enabled consumers to understand that dual use of *General Snus* with cigarettes is more harmful than exclusively using *General Snus*.

- FDA 2019 MRTP TPL

Respondents Overwhelmingly Understand Need to Completely Switch to Maintain a Lower Risk of Disease

How many cigarettes can be smoked in addition to using *General Snus* to maintain a lower risk of diseases?



Source: General Snus POU Study. This analysis was conducted using data from the 281 participants who completed all four waves. The question was asked of only those respondents who correctly identified that using General Snus instead of cigarettes puts you at a lower risk of diseases. Question: "You said that using General Snus instead of cigarettes puts you at lower risk of diseases. If you are going to use General Snus instead of cigarettes to lower your risk of diseases, how many cigarettes, if any, can you smoke per day?"

Tobacco Use Behavior and Impact to the Population

FDA's Prior Conclusions

Switching and Reduction in Cigarettes Per Day (CPD) Among General Snus Users



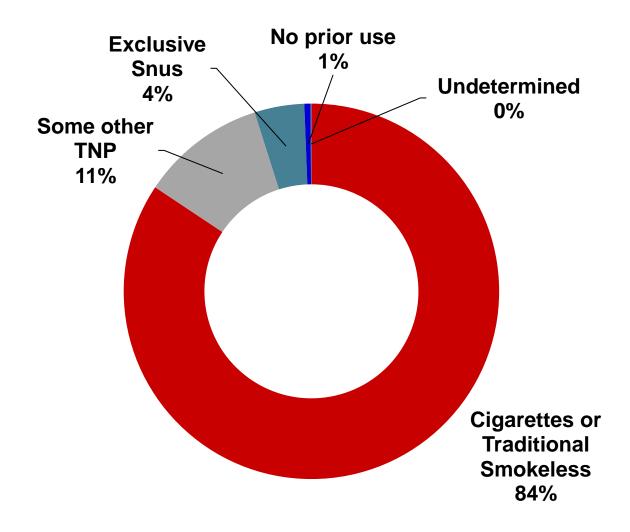
FDA's prior conclusion on switching to *General Snus*:



the MRTPs' marketing [is] expected to result in a population health benefit [for] smokers completely switching to snus use. In addition ... evidence suggests that, compared to exclusive use of other smokeless tobacco products, exclusive use of these snus products pose reduced exposure to some HPHCs and offer the potential for reductions in oral cancer risk.

- FDA 2019 MRTP TPL (emphasis added)

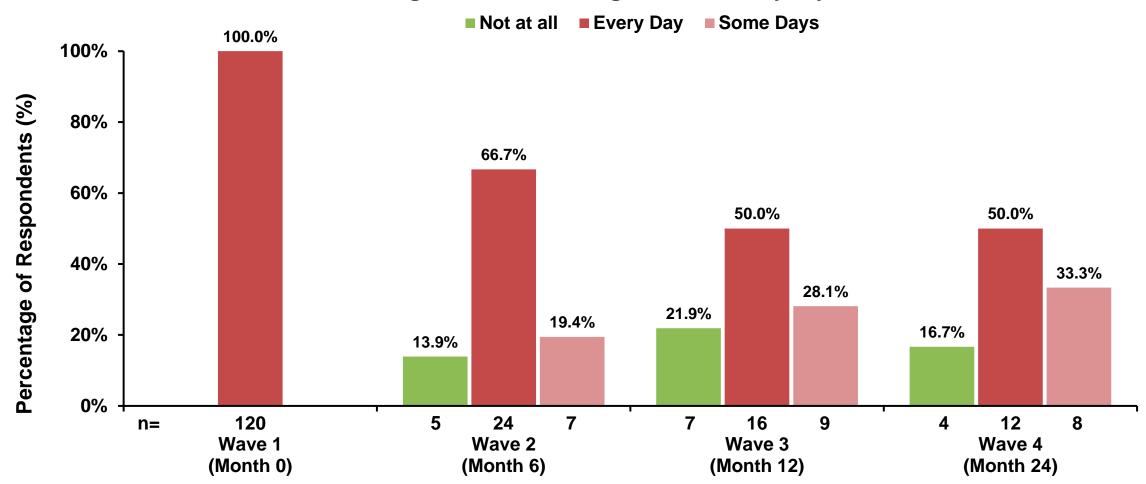
Established *General Snus* Users Report Prior Fairly Regular Use of TNPs



Source: General Snus POU Study. Question: Have you ever used any of the following tobacco or nicotine products fairly regularly? 1- Cigarettes, 2 - E-cigarettes, 3 - Moist snuff (available in loose form, also known as dip, and in pouches), 4 - Chewing tobacco (also known as loose leaf chewing tobacco), 5 - Snus (pouch tobacco product, different than moist snuff), 6 - Nicotine pouches (tobacco-free pouch, placed in the mouth), 7 - Aids to help stop smoking (e.g. Nicorette, Nicoderm CQ), 8 - Cigars, cigarillos, filtered cigars filled with tobacco, 9 - Pipe tobacco, 10 - Hookah or water pipe tobacco.

Switching Among General Snus Users

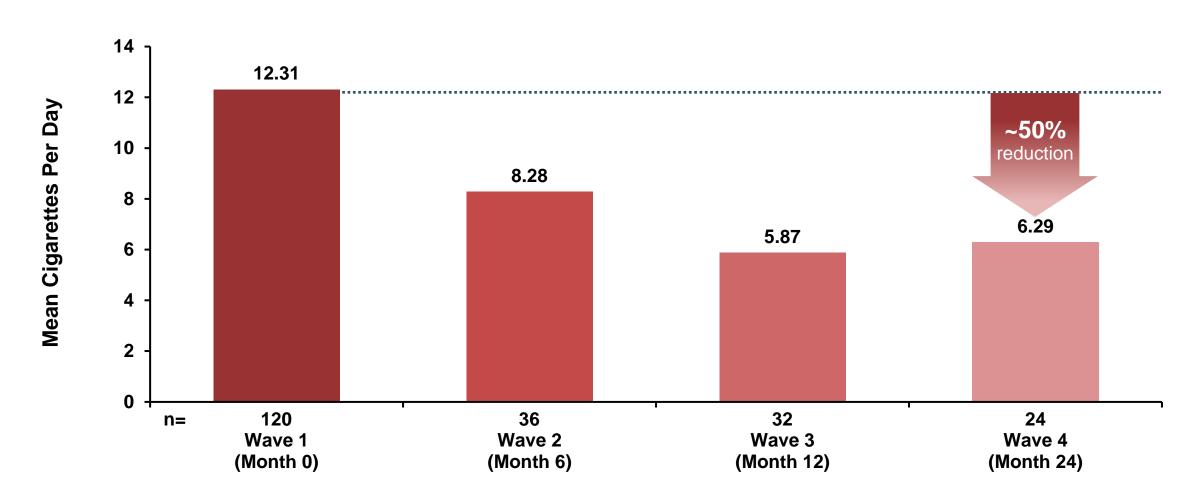




Source: General Snus POU Study

Reduction in CPD Among General Snus Users

Mean Cigarettes Per Day Among Wave 1 Everyday Smokers



FDA's Prior Conclusions

Snus is not a Product Category of Particular Interest to Youth



FDA's prior conclusion on youth appeal and use:

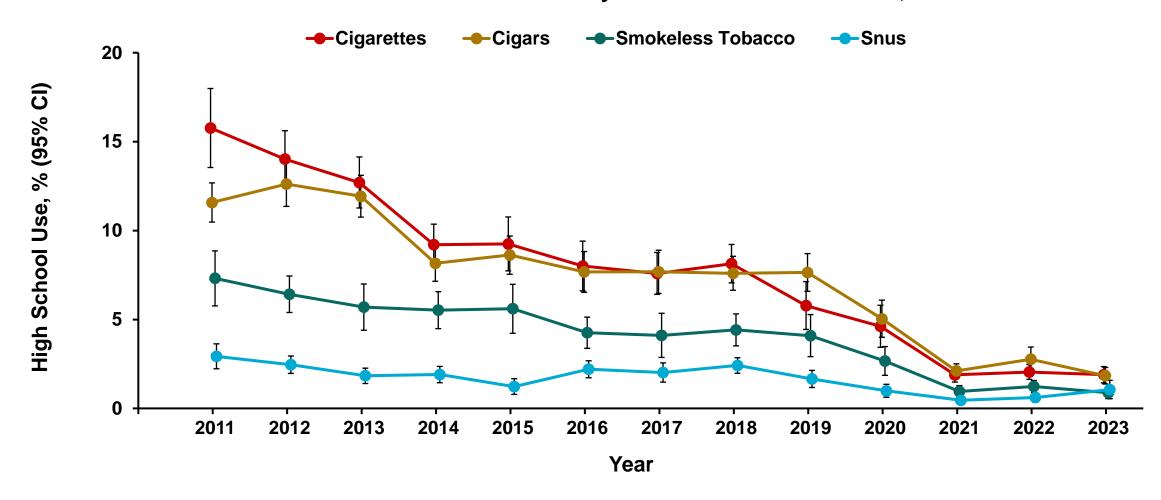


Although youth are, in general, at risk for tobacco use initiation, surveillance data on U.S. youth tobacco use suggest snus is not a product category of particular interest among youth.

- FDA 2019 MRTP TPL

Consistently Low Prevalence of Youth Use (NYTS)

NYTS Estimates for Past 30-Day Use^a of Traditional TNPs, 2011–2023

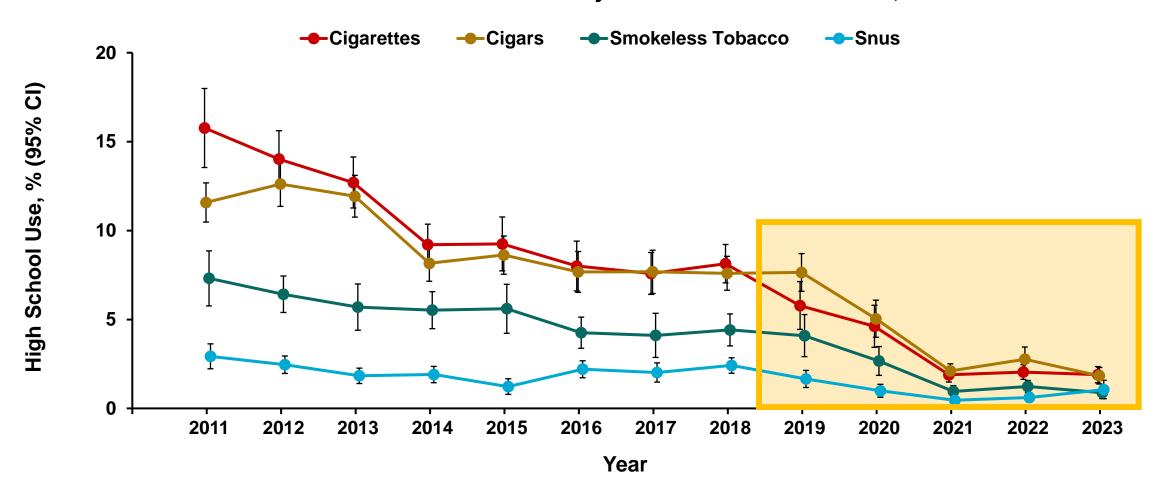


a. Current youth use of tobacco and nicotine products in NYTS is defined as use on 1 or more of the past 30 days.

National Youth Tobacco Survey (NYTS) is a nationally representative survey of middle and high school youth in the U.S. This survey is a collaboration between the Centers for Disease Control and Prevention, Office on Smoking Health (CDC, OSH) and the U.S. Food and Drug Administration, Center for Tobacco Products (FDA, CTP).

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Conclusions From the Scientific Assessment

No serious AEs were reported in the U.S. or internationally

Respondents in the POU study continue to understand:

- The relative risk of *General Snus* use is lower than cigarettes
- The need to switch completely to General Snus

Over the 24-month POU study:

Of everyday smokers using *General Snus:*

16.7% completely stopped smoking

33.3% became someday smokers

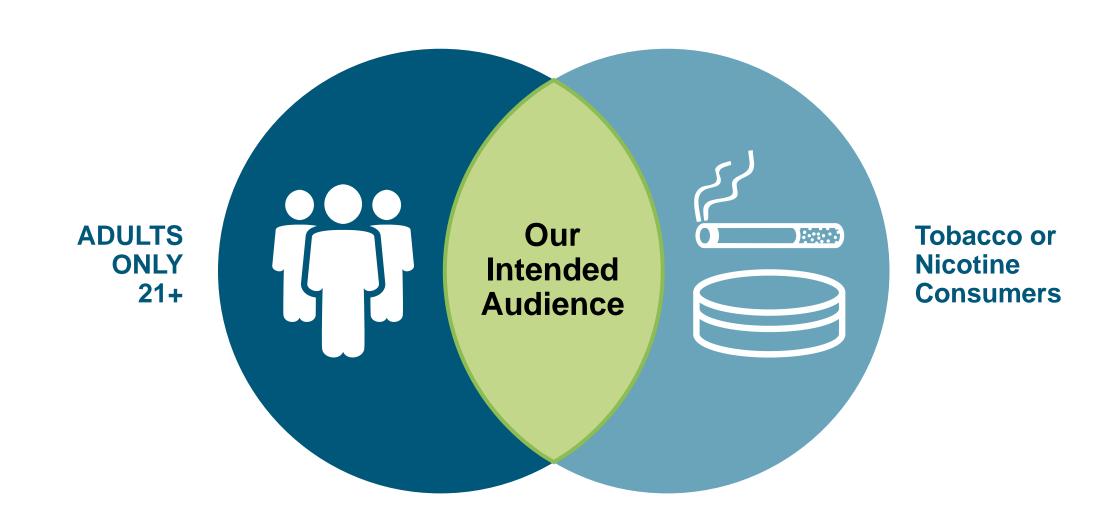
50% reduction in CPD

Prevalence of use of snus in youth is approximately 1%

Responsible Marketing and Controls

Jen Mulligan
Director, Marketing Services

Our Intended Audience



FDA's Annual Reporting Requirements for Marketing

- Description of implementation of all advertising and marketing plans
- Targeting of specific adult audiences
- Actions taken to restrict youth access and limit youth exposure
- Use of owned, earned, shared/social, paid media, partners, influencers, bloggers, and/or brand ambassadors

- Consumer events, including events at which products are demonstrated
- Use of Public Relations outreach
- Analysis of actual delivery of advertising impressions
- Summary of media tracking and optimization

Our Responsible Marketing Practices Exceed Those Required by the FDA and by Law

Adherence to FDA-mandated marketing rules and regulations

Display of all required smokeless warnings, as applicable

Conservative marketing approaches to protect public health



Additional VOLUNTARY measures to ensure responsible marketing for our entire portfolio of tobacco and nicotine products

Proactive Transparency

Transparency with both consumers and policymakers is invaluable



Careful Retail Placement

We require retailers to merchandise *General Snus* in non-self-serve locations unless the store is an adult-only facility



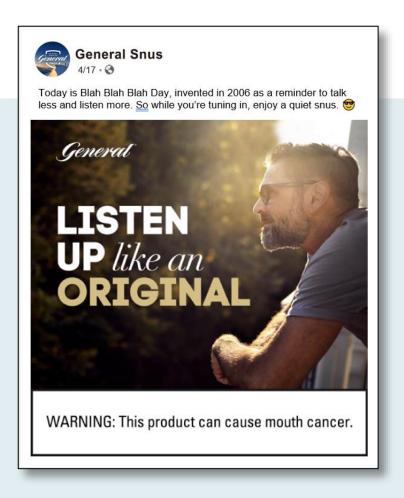
Restraint with Advertising

General Snus does not advertise outdoors, or through TV and other mass media vehicles



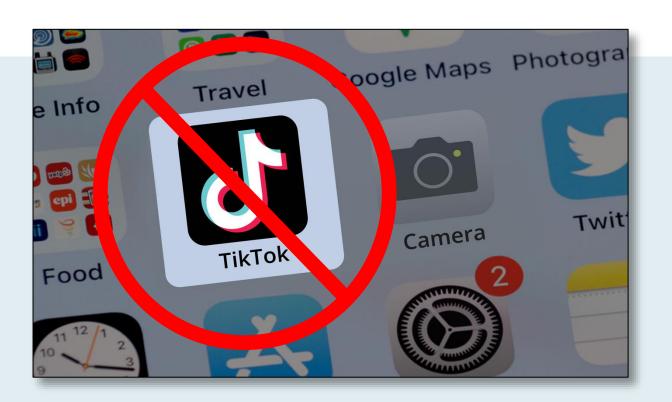
Restraint with Advertising

All models/talent are visibly over the age of 35



Restraint with Advertising

General Snus does not engage with consumers on social media platforms that are not age-restricted



Restraint with Advertising

General Snus does not use paid professional athlete endorsements/sponsorships, or social influencers in our marketing



Examples of Marketing Materials

Point-of-Sale Marketing



Email to Age-Verified Consumers



Direct Mailer to Age-Verified Consumers



Age-Gated Website

Consumers must successfully:

- Verify their age
- Confirm they are current tobacco and nicotine users
- Create an account to access the General Snus website

Ensures all website visitors are verified adults 21+ who are also current tobacco and nicotine consumers

Age-Gated Website

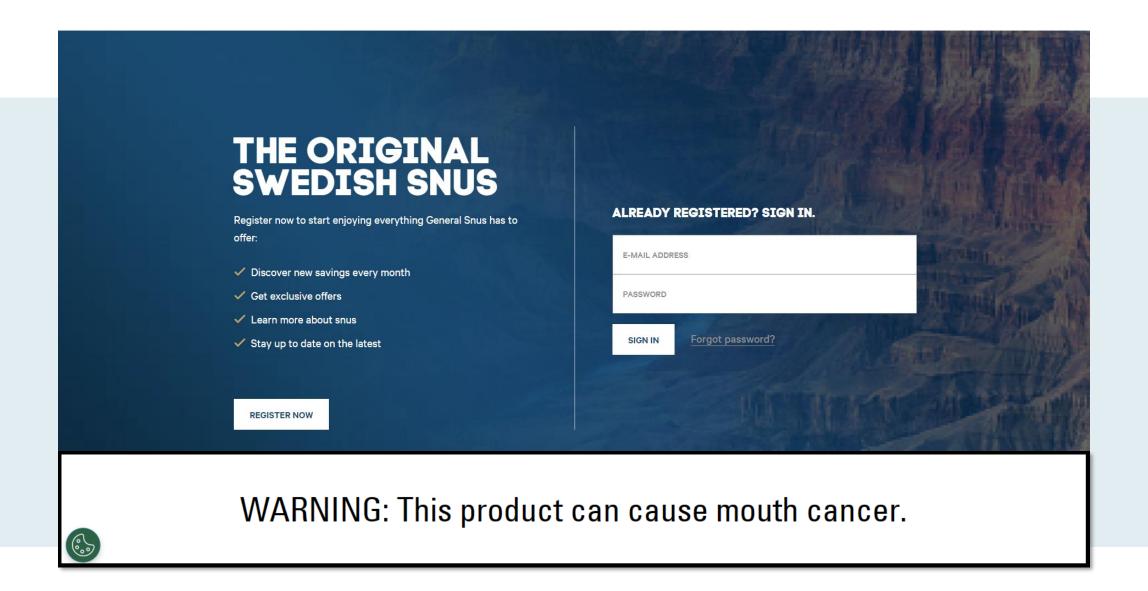
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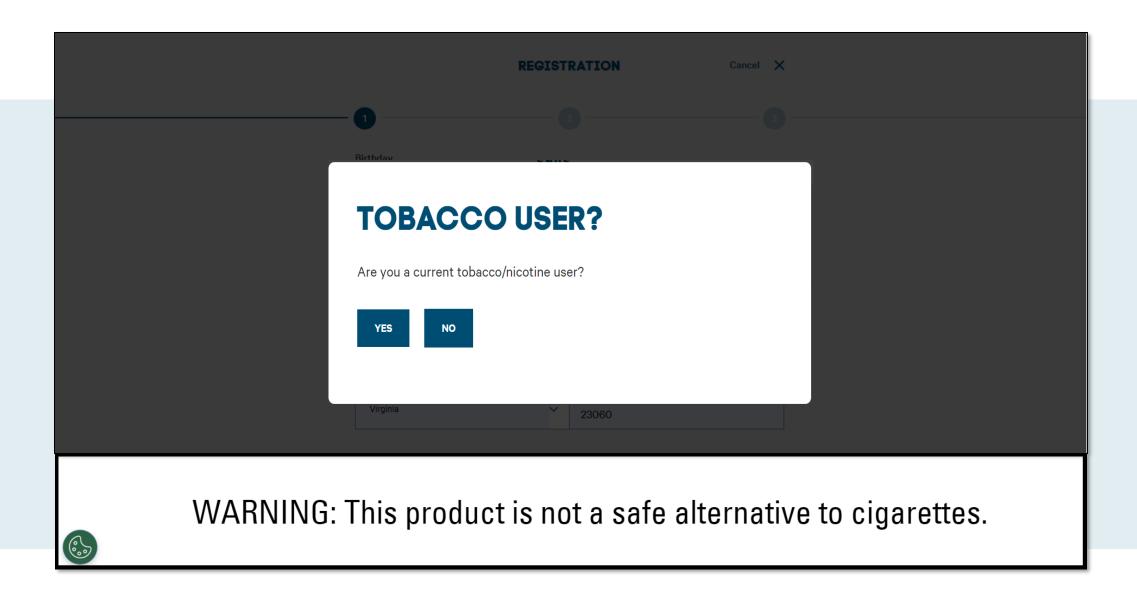
Ensures all website visitors are verified adults 21+ who are also current tobacco and nicotine consumers

The Authorized Modified Risk Claim is Currently Used Only on the Age-Gated *General Snus* Website

Visit GeneralSnus.com



Confirm They Are a Current Tobacco/Nicotine User

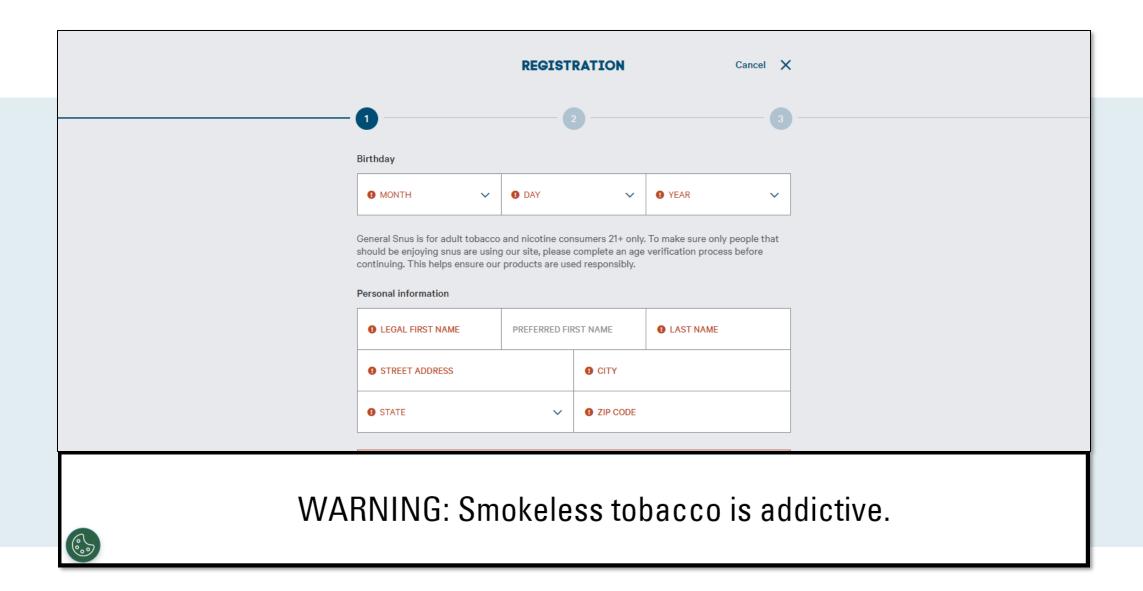


If They Are Not a Current TNP User, Access is Denied

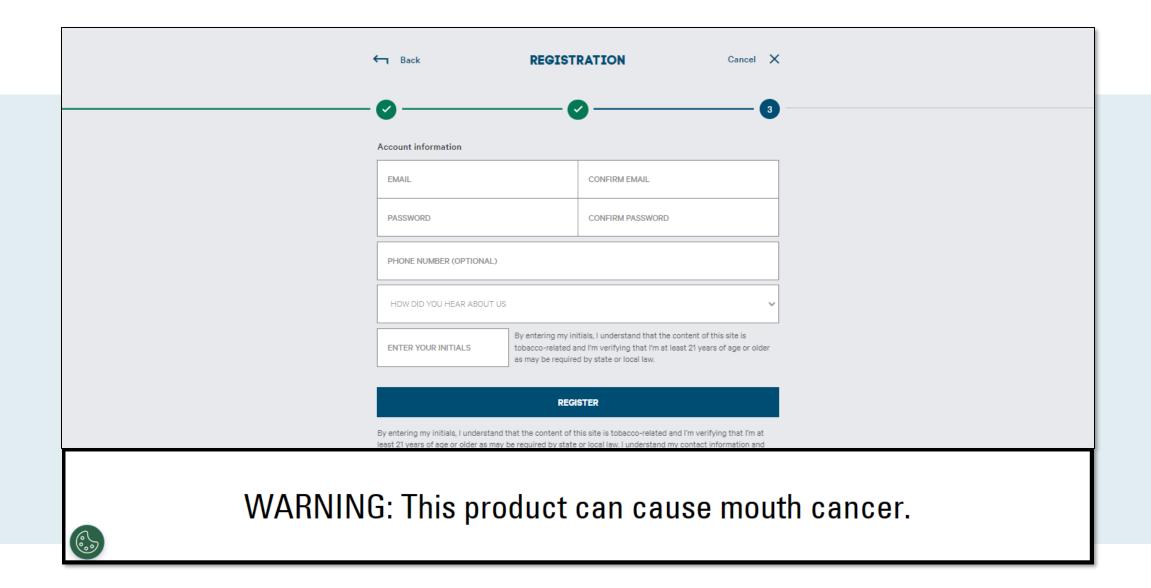
ACCESS DENIED

General Snus products are only for current tobacco or nicotine users, age 21+. Since you're not a current tobacco or nicotine user, there's no need to register on our website because General isn't for you.

Registration Process – Age Verification



Registration Process – Create an Account



Select "Modified Risk" from the Navigation Bar



WARNING: This product is not a safe alternative to cigarettes.



View Claim on "Modified Risk" Website Page

Using General Snus instead of cigarettes puts you at a lower risk of mouth cancer, heart disease, lung cancer, stroke, emphysema, and chronic bronchitis

Even though we've already made history, our eyes remain firmly fixed on the future – a future free from cigarette smoke, where the choice is always clear.

ABOUT GENERAL & SNUS







WARNING: Smokeless tobacco is addictive.



Steps Required to View the MRTP Claim

Visit GeneralSnus.com	/
Select "Register Now"	✓
Identify as a current tobacco/nicotine user	
Provide personal information for age verification	✓
Be successfully age-verified by a third party	
Provide communication preferences	
Create an account username and password	✓
Click on "MODIFIED RISK"	

Expanded Use of the MRTP Claim

General Snus Products

(Authorized in 2019)

Brand website	
Email and direct mail to 21+ age-verified consumers	
Point-of-sale	
Print advertising in publications where 85% or more of the population is 21+	
Other age-verified platforms (e.g., social media and digital platforms)	

Expanded Use of the MRTP Claim

General Snus Products

(Authorized in 2019) *

Brand website	
Email and direct mail to 21+ age-verified consumers	
Point-of-sale	
Print advertising in publications where 85% or more of the population is 21+	
Other age-verified platforms (e.g., social media and digital platforms)	

^{*} Check marks designate current marketing strategies using the modified risk claim.

Dashes indicates areas for potential expanded use of the claim through additional marketing

Expanded Use of the MRTP Claim

	General Snus Products (Authorized in 2019)*	Copenhagen Classic Snuff (Authorized in 2023)*
Brand website		
Email and direct mail to 21+ age-verified consumers		
Point-of-sale		
Print advertising in publications where 85% or more of the population is 21+		
Other age-verified platforms (e.g., social media and digital platforms)		

^{*} Check marks designate current marketing strategies using the modified risk claim.

Dashes indicates areas for potential expanded use of the claim through additional marketing

Conclusions

Gerry Roerty

Vice President, Legal and General Counsel

The Collective Evidence Supports Renewal of the *General Snus* MRTPA

Since 2015, required PMSS requirements have been fulfilled with no FDA action

- There are no new questions of public health
- The reduced risk information remains accurate
 - Desired impact regarding individual tobacco users
 - Desired population level impact

The Collective Evidence Supports Renewal of the *General Snus* MRTPA

Since 2015, required PMSS requirements have been fulfilled with no FDA action

- There are no new questions of public health
- The reduced risk information remains accurate
 - Desired impact regarding individual tobacco users
 - Desired population level impact

Preponderance of real-world scientific evidence and data continues to demonstrate the harm reduction potential of *General Snus* with the reduced risk claim

General Snus modified risk granted orders should be renewed

*** SWEDISH MATCH

General Snus

MRTP Renewal
Tobacco Products
Scientific Advisory Committee Meeting

Swedish Match USA, Inc. June 26, 2024

*** SWEDISH MATCH

Backup Slides Shown

Studies Suggest Users Will Transition from Smoking to Using *General Snus*, Not Vice Versa



"According to the applicant, there is little evidence that snus use leads to future cigarette smoking and that longitudinal and cross-sectional studies conducted on snus use in Sweden and other Scandinavian countries suggest that snus use is associated with a reduced risk of becoming (or continuing to be) a regular smoker. These longitudinal studies suggest that users will transition from cigarettes to snus, rather than switching from snus to cigarettes."

-FDA 2015 PMTA TPL (emphasis added)

Rotating Smokeless Warnings

- Since July 22, 2010, smokeless tobacco product packaging and advertising must bear one of the following required warning label statements:
 - WARNING: This product can cause mouth cancer.
 - ▶ WARNING: This product can cause gum disease and tooth loss.
 - WARNING: This product is not a safe alternative to cigarettes.
 - ▶ WARNING: Smokeless tobacco is addictive.