BAT marketing of VUSE/VYPE

A comparison of British American Tobacco's marketing of the Vype e Pen 3 and Vype ePod in Canada and elsewhere (January 2020 and 2021).

Introduction

Since 2013, British American Tobacco (BAT) has manufactured vapour products under the brand name Vype and VUSE.¹

BAT began marketing these products in Canada soon after it became legal to do so in May 2018. To date, it has sold four electronic vapour systems in Canada, of which two remained on sale in January 2021.

- The first products introduced in the summer of 2018 were the eStick and eTank Pro, both of which were withdrawn before January 2020.
- In September 2018, BAT introduced the ePen 3, and in January 2019 introduced the ePod. Both of these devices and the liquids designed for them remain on sale in Canada.
- In some provinces at least, BAT has now withdrawn the ePen 3 from Canada.²
- Between January 2020 and January 2021, BAT withdrew the sale of bottled liquids in Canada,

In 2020, BAT began migrating the brand name for these products from VYPE to VUSE, which had previously been the trademark name used only in the USA.³

The same products are offered for sale in several other countries. British American Tobacco and currently maintain official web-site for its VYPE/Vuse products in 17 countries (Belgium, Canada, Colombia, France, Germany, Guatemala, Ireland, Italy, Kuwait, Mexico, New Zealand, Poland, Saudi Arabia, Switzerland, United Arab Emirates, United Kingdom, United States of America. Since January 2020, it has opened new websites for the UAE and Saudi Arabia, opened and temporarily shut a website in the Netherlands and has shuttered the Hungarian web-site as a result of government regulations. The USA site sells only one product comparable to those sold in other countries, the VUSE ALTO (EPOD).

Methods

A survey of these web-sites conducted in January 2020 and 2021 noted the availability and price of each of the Vype/Vuse branded products, including flavours and nicotine concentrations.

Results

BAT markets its e-cigarettes differently in different markets. Canada is the country where it sells the greatest range of highnicotine flavours and the greatest number of high-nicotine offerings.

BAT markets its e-cigarettes differently in Canada now than they did when the market first opened in 2018. They have withdrawn from the market the lower nicotine tank systems and the withdrawal of the EPEN3 from British Columbia suggests



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¹ Vapour Products. Leading the growth of a new category. British American Tobacco. <u>https://www.bat.com/ecigarettes</u>.

² Notice on Vuse website (vuse.com/ca/en) for British Columbia, accessed January 5, 2021.

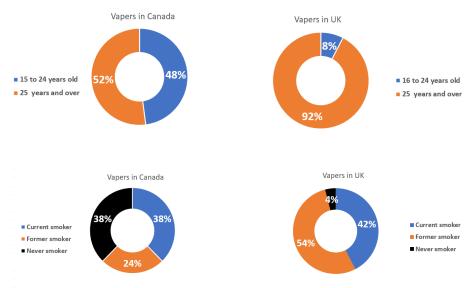
³ BAT Annual Report for 2019 financial year.

they are in the process of withdrawing the pod-devices that do not deliver the higher nicotine doses from this country. BAT has increased the number of higher nicotine products (those over 20 mg/ml) offered, from 24 nicotine-strength variants in 2020 to 47 in 2021 (representing from 33% of their product offerings to 58%) (Table 6)

The product marketed as VUSE EPOD in Canada is identical to the product marketed as VUSE ALTO in the USA. In the USA the product is sold with 3 flavours (Tobacco and Menthol where it is sold in Canada with 22 (Table 3). The same product is sold in 7 European countries (France, Germany, Ireland, Switzerland, UK, Belgium, Poland), with 5 to 12 flavours.

Discussion

BAT has helped create a vaping market that is very different and much more harmful to public health than the one Health Canada envisaged when it began to promote e-cigarettes as a harm reduction tool.⁴ In the UK, for example, fewer than 1 in 10 people who identify as current e-cigarette users are under 25, whereas in Canada only about half of those who have vaped in the past 30 days are. (CTNS, 2019). In the UK, about 1 in 20 vapers have never smoked cigarettes, but the proportion is 10 times greater in Canada. In Canada, half as many vapers are former smokers as is the case in the



U.K. (The proportion of dual users is about the same). ⁵⁶

Differences in the products supplied by manufacturers and differences in the demand for those products between Canada and other countries explain why Canadian health regulators are giving higher priority to regulatory restrictions on flavourings and high-nicotine product offerings.

4 Health Canada. Seizing the Opportunity: The Future of Tobacco Control in Canada, 2017.

"Harm reduction. The Government of Canada is considering how it can support people who use tobacco who are not ready or able to quit using all nicotine to reduce harms to their health. The proposed Tobacco and Vaping Product Act would allow adult smokers to legally choose vaping products, which expose them to fewer harmful chemicals than cigarettes. The federal government is considering whether and how it should take a more active role in encouraging adult smokers to switch to vaping products. This approach is already in place in the United Kingdom where a report published by the UK government states that encouraging people who cannot or do not want to stop smoking to switch to vaping products could help reduce smoking related disease, death and health inequities."

5 United Kingdom. Office for National Statistics. E-cigarette use in Great Britain. Dataset. 2019. https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/drugusealcoholandsmoking/datasets/ecigaretteuseingr eatbritain

6 Physicians for a Smoke-Free Canada. The Canadian Tobacco & Nicotine Survey. 2020. http://smoke-free.ca/SUAP/2020/CTNS-results.pdf

Data tables and figures

- The products and the advertised prices in local currency for devices currently on sale is shown in Table 1.
- Table 2 identifies the URL of the BAT VYPE-VUSE websites in January 2020 and January 2021.
- Figure 1 compares the price of an ePod starter kit or device and liquids as advertised on the BAT web-sites.
- Figures 2 show the number and strength of flavours offerings for ePOD devices (a), and ePEN3 devices (b)
- Figures 3a, b, c show the number of flavour-strength concentrations offered for sale for the Epod (a), the ePEN3 (b) and the proportion of all product offerings by nicotine concentration (c).
- Table 3 shows the nicotine concentrations and flavours sold for ePOD devices
- Table 4 shows the nicotine concentrations and flavours sold for each ePEN3 devices.
- Table 5 shows the flavours and strengths of bottled liquids sold.

Table 1: VYPE/VUSE Availability and Price of Starter Kits – local currency

	\$ Unit	Year	Epen 3	ePen Pods	ePod	ePOD Pods	Other	Liquids (10 ml)
Belgium	EURO	2020	Price not	stated	Price not sta	ated	eTank (Price	
Deigiuili	LONO	2021	Price not		Price not sta		eTank (Price	not stated)
Canada	CAD	2020	8.995	12	8.995	12		
canada	CAD	2021	9.99D	13	14.99S 9.99D	13-14		
Colombia	Peso	2020	50,000S	25,000				
colonibia	1630	2021	20,000D	14,000	20,000D	20,000		
France	EURO	2020	9.99D	6.99	19.99S	6.90	eTank (35.50)	4-6.50
Tance	LONO	2021	\$4.99S 4.99D	7.49	9.99S 4.99D	8.49	eTank (35.50)	4 - 5.90
Germany	EURO	2020	24.955	6.95	29.955	9.95	eTank (29.95)	5.95-6.95
Germany	LONO	2021	24.955	6.95	29.955	9.95	eTank (29.95)	5.95
Guatemala	Quetzal	2020	199	49				
Guatemala	Quetzai	2021	99	50 ⁷				
		2020	6000	Price not			eTank mini (8000)	Price not stated
Hungary	Florint	2020	0000	stated				The not stated
		2021			Web	o-site shut		
Ireland	EURO	2020			Web-site shut	under mair	itenance	
Irelatiu	LOKO	2021	10.00S	6.00	5.00 D	7.00		5 – 6
Italy	EURO	2020	23.90D	7.90				
italy	LOKO	2021	18.00D	7.90				
Kuwait	Dinar	2020	9.00S	3			e∓ank (12.5)	2.5
Kuwan	Dillai	2021			8.00 D	3.00		
Mexico	Pesos	2020	460	120	599	150		
IVIEXICO	F 6303	2021	not sold	90 - 120	99 SK	120		
Netherlands	EURO	2020			Website	not yet on l	ine	
Nethenanus	LOKO	2021			Website "tem	porarily shu	it down"	
New Zealand	NZD	2020	39.90S	19.90	49.99 S	19.99		
New Zealand	NZD	2021	24.90D	19.90	34.99 D	19.99		
Poland	Zloty	2020			Website	not accessi	ble	
Polaliu	ZIOLY	2021	Price not	stated	Price not sta	ated		
Saudi Arabia	SAR	2020			Website	not yet on l	ine	
Saudi Arabia	SAK	2021			100	50		
Switzerland	CUE	2020	29.90S	6.90	39.90	9.90		6.90
Switzerland	CHF	2021	29.90S	6.90	39.90S 19.90D	9.90		6.90
United Arab	450	2020			Website	not yet on l	ine	
Emirates	AED	2021			13S 100D	45.00		
United Kingdom	GBP	2020	9.99	5.49	14.99	5.99	eTank (19.99) e-stick (12.99)	3.99-4.50
		2021	4.99S 0.99D	5.49-5.99	9.995 4.99 D	5.99	eTank	3.99-4.50
United States of		2020			14.48	13.49	Other products sold, b	ut were unique to th
America	USD	2021			10.98S 0.99D	9.99	USA m	
			arter kit include	d some liquids:	D: Device only, I			

7 BAT Guatemala web-site refers viewers to a private store, where prices are listed.

Table 2: List of web-sites and information available on them on them: December 2020

Country	Web-site URL January 2020	Website URL January 2021
Belgium	https://www.govype.com/be/be/	https://www.govype.com/be/en/
Canada	https://govype.ca/	https://www.vuse.com/ca/en/
Colombia	https://www.govype.com/co/	https://www.govype.com/co/es/
France	https://www.govype.com/fr/	https://www.govype.com/fr/fr/
Germany	https://www.govype.com/de/	https://www.govype.com/de/de/
Guatemala	http://govype.com.gt/	https://www.govype.com.gt/
Hungary	https://www.govype.com/hu/	https://mindenamivype.hu/ - replacement
Ireland	https://www.govype.com/ie/ - in maintenance	https://www.govype.com/ie/en/
Italy	https://www.govype.com/it/	https://www.govype.com/it/it/
Kuwait	https://www.govype.com/kw/	https://www.vuse.com/kw/en/
Mexico	https://www.govype.mx/	https://www.govype.com/mx/es/
Netherlands	Not operating	https://www.govype.com/nl/nl/
New Zealand	https://www.vype.co.nz/	https://vuse.co.nz/
Poland	https://www.govype.com/pl/, but not accessible	https://www.govuse.pl/
Saudi Arabia	Not operating	https://www.vuse.com/sa
Switzerland	https://www.govype.ch/	https://www.govype.ch/
United Arab Emirates	Not operating	https://www.vuse.com/ae/en/support
United Kingdom	https://www.govype.com/uk/	https://www.govype.com/gb/en/
United States	https://vusevapor.com	https://vusevapor.com

Figure 1: Prices for ePod devices and/or starter kits, stated in equivalent Canadian dollars (standard exchange rate)

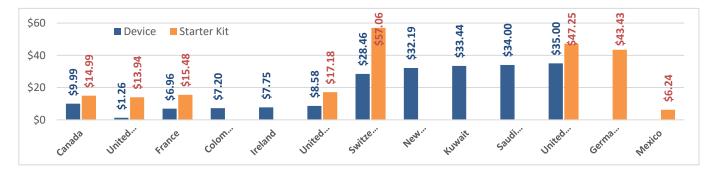
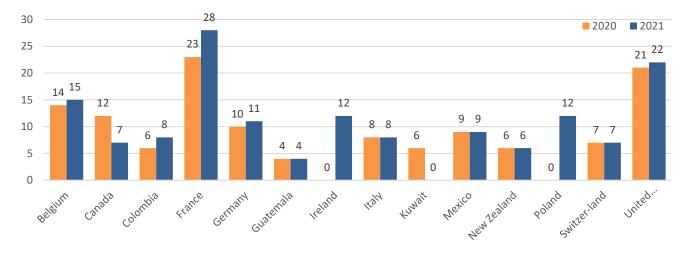




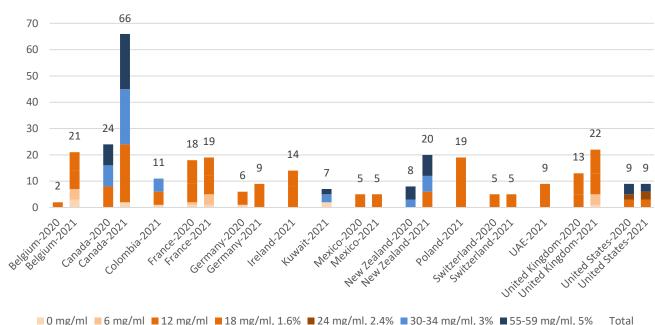
Figure 2a: VYPE-VUSE EPOD: number of flavours offered for sale

Data for Ireland and Poland for 2020 not accessible; Product not sold in Colombia, Kuwait, Saudi Arabia and UAE in 2020.

Figure 2b: VYPE-VUSE EPEN: number of flavours offered for sale

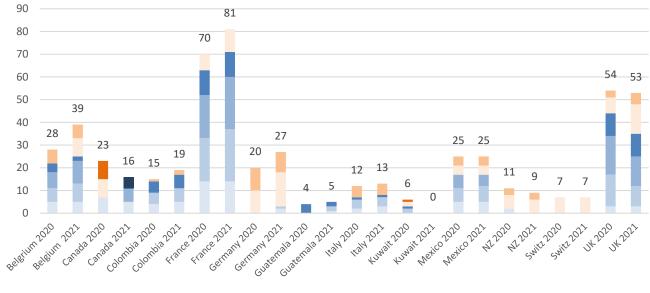


Data for Ireland and Poland for 2020 not accessible; Product not sold in Kuwait in 2021.





■ 0 mg/ml ■ 6 mg/ml ■ 12 mg/ml ■ 18 mg/ml, 1.6% ■ 24 mg/ml, 2.4% ■ 30-34 mg/ml, 3% ■ 55-59 mg/ml, 5% Total







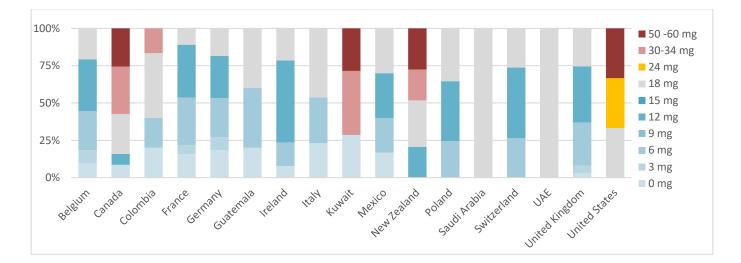


Figure 3c: Nicotine strengths of all product offerings by BAT (ePen, ePOD, liquids), 2021

Table 3. Flavours and strengths of liquids for the e-POD as listed for sale on BAT's Vype/Vuse web-sites. January 2020 and 2021

Device and Flavour	Belg	gium	Can	ada	Colombia	Fra	nce	Ger	many	Ireland	Kuwait	Mexico	Mexico	New Z	ealand	Poland	
	2020	2021	2020	2021	2021	2020	2021	2020	2021	2021	2021	2020	2021	2020	2021	2021	
FLAVOURLESS																	-
Clear				GIJ							1						
Cicui				015							•						
TOBACCO FLAVOURS																	
Golden Tobacco				AGIJ	GI	EG	EG	G	EG	EG		G	G	IJ	GIJ	EG	
Aromatic Tobacco				GIJ													
Blond tobacco		EG															
Smooth Tobacco				GIJ													
Original																	
Master Blend																	
Rich Tobacco				GIJ													
Tobacco Marvel			GIJ														
Tobacco Wonder	G																
MINT-MENTHOL-COOLING																	
Chilled Mint/Menthe glaciale		ACEG				CEG		G	EG	EG							_
Crisp Mint		ALEG				CEG		G	EG	EU					GIJ	EG	
Frozen Mint/Freeze Mint												G	G		UD	EU	
Creamy Mint		CEG								E		9	G			EG	_
Crushed Mint	G	CEG								E						EG	_
Smooth Mint	G			GIJ													
Cool Peppermint				GIJ						F						50	
Peppermint Tobacco			CII			50				E						EG	
Polar Mint / Menthe glaciale			GIJ	AGIJ	GI	EG								IJ			
Ice caramalisée							CE										
lce vert							CE										
Menthol																	
Melon																	
Watermelon				GIJ							А						
Crisp Watermelon															GIJ		
Honeydew Splash																	
Cucumber				GIJ													
Cucumber mix/concombre fruitée							G								GIJ		_
Cucumber Fizz																G	_
Infused cucumber / concombre fruité			GIJ			G					J						
FRUIT																	
Apple combo				_													
Berry				GIJ													
Berry Blast			GIJ									G	G				
Very Berry		ACEG			GI			G	EG	EG				IJ			
Wild Berries / fusion fruits des bois						EG	CEG										
Mixed Berry																	
Lemon Berry				GIJ													
Passionfruit (Fields)				GIJ											GIJ	G	
Forest Blueberry											А						
Blueberry				GIJ													
Peach				GIJ													
Just Mango		ACEG			AGI					EG				J			

7

Switze	rland	UAE	United I	Kingdom	United	States
2020	2021	2021	2020	2021	2020	2021
G	G	G	EG	EG		GHJ
-		-				
					HJ	
					GHJ	GHJ
			EG	CEG		
		G				
				CEG		
				CEG		
G	G			CEG		
0	0					
					GJ	GHJ
		6				
		G				
			G			
			0			
G	G		EG	ACEG		
U	J		10	ALLU		
					GJ	
		G				
G	G					

Device and Flavour	Belgiı		Car	nada	Colombia	Ero	nce	Gor	many	Ireland	Kuwait	Mexico	Mexico	Now 7	ealand	Poland	Switze	arland	UAE	United k	lingdom	Unitor	d States
	2020		2020	2021	2021	2020	2021	2020	-	2021	2021	2020	2021	2020			2020		2021	2020	-	2020	
Mango Wonder	2020	2021	GIJ	2021	2021	2020	2021	2020	2021	2021	2021	2020	2021	2020	2021	2021	2020	2021	ZUZI	2020	2021	2020	2021
Simple Mango			GIJ									G	G										
Blushed Mango												9	G			EG			G				
Mango				GIJ							1				J	EG			G	G	EG		
Tropical Mango/Mangue tropicale				GIJ		AEG	ACEG													G	EG		
Wild Mango						AEG	ACEG	AG	<u> </u>														
-								AG	G										6				
Infused Orange Blood Orange			GIJ	GIJ															G				
		EG	GIJ	GIJ						EG										EG	50		
Garden Strawberry		EG	GIJ	GOK						EG						G			G	EG	EG		
(Original) Strawberry Wild strawberry / fraise sauvage				GOK		EG	EG				J					G			G				
Wild strawberry / traise sauvage Wild berries						EG	EG																
															<u></u>	50			6				
Dark Cherry				CII											GIJ	EG			G				
Lychee (Orchard)				GIJ												G							
Pineapple Melon				GIJ																			
SPICE																							
Vanilla (Rich-, Infused-, Medley)		EG	GIJ	GIJ	GI	EG	EG	G	EG	EG	I	G	G	J	J	EG	G	G	G	EG	EG		
Tequila Sunrise /Téquila Fruitée				<u></u>		G	G									G				G	G		
Citrus Gin				GIJ																			
Funch Curan																							
Fresh Snap																							
Fresh Snap	Belgiu	ım	Cai	nada	Columbia	Fra	ince	Ger	many	Ireland	Kuwait	Me	xico	New Z	Zealand	Poland	Switz	erland	UAE	United k	lingdom	United	d States
Fresh Snap		um 2021	Car 2020	nada 2021	Columbia 2021	Fra 2020	ince 2021		many 2021	Ireland 2021	Kuwait 2021	Me 2020	xico 2021	New 2 2020	Zealand 2021	Poland 2021	Switz 2020	erland 2021	UAE 2021	United K 2020	(Ingdom 2021	United 2020	d States 2021
Fresh Snap									-														
Fresh Snap									-														
		2021		2021	2021	2020	2021	2020	-		2021										2021		
A = 0 mg B = 3 mg C = 6 mg		2021		2021	2021	2020	2021	2020	-		2021										2021		
A = 0 mg B = 3 mg C = 6 mg D = 9 mg		2021 3 4		2021	2021	2020 1	2021 1	2020	-		2021					2021					2021 1 4		
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1%		2021 3		2021	2021	2020 1	2021 1	2020	-		2021										2021 1		
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg	2020	2021 3 4 7		2021 2	2021 1	2020 1 1 7	2021 1 4 7	2020	2021	2021 8	2021	2020	2021		2021	2021 7		2021	2021	2020	2021 1 4 8		2021
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6%		2021 3 4		2021	2021	2020 1 1	2021 1 4	2020	2021	2021	2021					2021				2020	2021 1 4	2020	2021
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4%	2020	2021 3 4 7	8	2021 2 2 22	2021 1 5	2020 1 1 7	2021 1 4 7	2020 1	2021	2021 8	2021 2	2020	2021		2021	2021 7	2020	2021	2021	2020	2021 1 4 8	2020	2021
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3%	2020	2021 3 4 7	2020 8 8	2021 2 2 22 22 21	2021 1	2020 1 1 7	2021 1 4 7	2020 1	2021	2021 8	2021 2 3	2020	2021	2020	2021 6 6	2021 7	2020	2021	2021	2020	2021 1 4 8	2020	2021 3 3
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5%	2020	2021 3 4 7 7	2020 8 8 8 8	2021 2 22 22 21 21	2021 1 5 5	2020 1 1 7 9	2021 1 4 7 7	2020 1 5	2021 4 5	2021 8 6	2021 2 3 2	2020	2021	2020	2021 6 6 8	2021 7 12	5	5	9	2020 5 8	2021 1 4 8 9	2020 3 2 4	2021
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3%	2020	2021 3 4 7	2020 8 8	2021 2 2 22 22 21	2021 1 5	2020 1 1 7	2021 1 4 7	2020 1	2021	2021 8	2021 2 3	2020	2021	2020	2021 6 6	2021 7	2020	2021	2021	2020	2021 1 4 8	2020	2021 3 3
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants	2020	2021 3 4 7 7	2020 8 8 8 8	2021 2 22 21 21 66	2021 1 5 5	2020 1 1 7 9	2021 1 4 7 7	2020 1 5	2021 4 5	2021 8 6	2021 2 3 2 7	2020	2021	2020	2021 6 6 8	2021 7 12	5	5	9	2020 5 8	2021 1 4 8 9	2020 3 2 4	2021
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless	2020 2 2	2021 3 4 7 7 7 21	2020 8 8 8 24	2021 2 22 21 21 66 1	2021 1 5 5 11	2020 1 1 7 9 18	2021 1 4 7 7 7 19	2020 1 5 6	2021 4 5 9	2021 8 6 14	2021 2 3 2	2020	2021	2020	2021 6 8 20	2021 7 12 19	2020	2021	2021 9 9	2020 5 8 13	2021 1 4 8 9 22	2020 3 2 4 9	2021 3 3 9
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours	2020 2 2 1	2021 3 4 7 7 7 21 21	2020 8 8 8 24 1	2021 2 22 21 21 21 66 1 4	2021 1 5 5 11 1	2020 1 1 7 9 18 18	2021 1 4 7 7 7 19	2020 1 5 6 1	2021 4 5 9 1	2021 8 6 14	2021 2 3 2 7	2020 5 5	2021 5 5	2020 3 5 8 1	2021 6 6 8 20 1	2021 7 12 19 1	2020 5 5	2021	2021 9 9	2020 5 8 13 1	2021 1 4 8 9 22 1	2020 3 2 4 9 2	2021 3 3 9 2
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours Menthol-Mint-Cooling flavours	2020 2 2	2021 3 4 7 7 7 21	2020 8 8 8 24 1 1	2021 2 22 21 21 21 66 4 3	2021 1 5 5 11	2020 1 1 7 9 18 18 1 2	2021 1 4 7 7 19 1 2	2020 1 5 6	2021 4 5 9	2021 8 6 14	2021 2 3 2 7 1	2020	2021	2020	2021 6 6 8 20 1 1	2021 7 12 19 1 3	2020	2021	2021 9 9 1 1	2020 5 8 13 1 1 1	2021 1 4 8 9 22	2020 3 2 4 9	2021 3 3 9
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours Menthol-Mint-Cooling flavours Melon flavours	2020 2 2 1	2021 3 4 7 7 21 21 2	2020 8 8 24 1 1 1 1	2021 2 22 21 21 21 66 4 3 2	2021 1 5 5 11 1 1 1	2020 1 1 7 9 18 18 1 2 1	2021 1 4 7 7 19 1 2 1 1	2020 1 5 6 1 1	2021 4 5 9 1 1	2021 8 6 14 1 3	2021 2 3 2 7 1 2 2	2020 5 5 1 1	2021 5 5 1 1	2020 2020	2021 6 6 8 20 1 1 2	2021 7 12 19 1 3 1	2020 5 5 1 1	2021 5 5	2021 9 9 1 1 1 1	2020 5 8 13 1 1 1 1	2021 1 4 8 9 22 1 3	2020 3 2 4 9 2 1	2021 3 3 9 2
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours Menthol-Mint-Cooling flavours Melon flavours Fruit Flavours	2020 2 2 1	2021 3 4 7 7 7 7 21 21 1 2 3	2020 8 8 24 1 1 1 4	2021 2 22 21 21 21 66 1 4 3 2 10	2021 1 5 5 11 1 1 2	2020 1 1 7 9 18 18 1 2 1 3	2021 1 4 7 7 19 19 1 2 1 3	2020 1 5 6 1 1 1 2	2021 4 5 9 1 1 1 2	2021 8 6 14 1 3 3	2021 2 3 2 7 1 1 2 3	2020 5 5 1 1 2	2021 5 5 1 1 2	2020 2020 3 5 8 1 1 1 2	2021 2021 6 8 20 1 1 2 3	2021 7 12 19 1 3 1 5	2020 5 5 1 1 2	2021 5 5 1 1 2	2021 9 9 1 1 1 5	2020 5 8 13 1 1 1 1 3	2021 1 4 8 9 22 1 3 3	2020 3 2 4 9 2	2021 3 3 9 2
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours Menthol-Mint-Cooling flavours Melon flavours Fruit Flavours Spice flavours	2020 2 2 1	2021 3 4 7 7 21 21 2	2020 8 8 24 1 1 1 1	2021 2 22 21 21 66 1 4 3 2 10 1	2021 1 5 5 11 1 1 1	2020 1 1 7 9 18 18 1 2 1 3 1	2021 1 4 7 7 19 19 1 2 1 3 1	2020 1 5 6 1 1	2021 4 5 9 1 1	2021 8 6 14 1 3	2021 2 3 2 7 1 2 2	2020 5 5 1 1	2021 5 5 1 1	2020 2020	2021 6 6 8 20 1 1 2	2021 7 12 19 1 1 3 1 5 1	2020 5 5 1 1	2021 5 5	2021 9 9 1 1 1 1	2020 5 8 13 1 1 1 1 1 3 1	2021 1 4 8 9 22 1 3 3 1	2020 3 2 4 9 2 1	2021 3 3 9 2
A = 0 mg B = 3 mg C = 6 mg D = 9 mg E = 12 mg, 1% F = 15 mg G = 18 mg, 1.6% H = 24 mg, 2.4% I = 30 to 34 mg, 3% J = 50 to 60 mg, 5% Total flavour-nicotine variants Flavourless Tobacco Flavours Menthol-Mint-Cooling flavours Melon flavours Fruit Flavours	2020 2 2 1	2021 3 4 7 7 7 7 21 21 1 2 3	2020 8 8 24 1 1 1 4	2021 2 22 21 21 21 66 1 4 3 2 10	2021 1 5 5 11 1 1 2	2020 1 1 7 9 18 18 1 2 1 3	2021 1 4 7 7 19 19 1 2 1 3	2020 1 5 6 1 1 1 2	2021 4 5 9 1 1 1 2	2021 8 6 14 1 3 3	2021 2 3 2 7 1 1 2 3	2020 5 5 1 1 2	2021 5 5 1 1 2	2020 2020 3 5 8 1 1 1 2	2021 2021 6 8 20 1 1 2 3	2021 7 12 19 1 3 1 5	2020 5 5 1 1 2	2021 5 5 1 1 2	2021 9 9 1 1 1 5	2020 5 8 13 1 1 1 1 3	2021 1 4 8 9 22 1 3 3	2020 3 2 4 9 2 1	2021 3 3 9 2

Table 4. Flavours and strengths of liquids for the ePEN3 liquids as listed for sale on BAT's Vype/Vuse web-sites. January 2020 and 2021

	Belg	gium	Car	nada	Colo	mbia	Fra	nce	Gerr	nany	Guater	mala	Ireland	lt	aly	Kuwait	Με	xico	New Z	Lealand	Poland	Switz	erland	United	Kingdom
PROTONATED	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2020	2021	2020	2020	2021	2020	2021	2021	2020	2021	2020	2021
Товассо																									
Blond Tobacco	G																			EG					
Classic Tobacco /Classique Création	0		EI				Е	Е												10					
Classique Sélection			E1				E	E																	
Nutty Tobacco							-	-													EG				
Master Blend		EG							EG	G			EG	G	G	С	EG	EG	EG			Е	Е	EG	EG
Rich Tobacco									_						_		_	_				Е	Е	E	E
Tobacco Wonder									EG	CEG															
MINT-MENTHOL-COOLING																									
Menthol Tobacco																									
Peppermint tobacco		CE											E	G	G						EG				CEG
Chilled Mint	G	CL											L	U	U						10				010
Creamy Mint	U																								
Freeze Mint/Menthe glacée								CE									EG	EG			EG				
Crisp Mint								CL						G	G		10	10	EG	EG	EG	E	E		
Crushed Mint / Menthe Glacée		EG	EI				E		EG	CEG			EG	U	U				10	10	10	L	L	EG	EG
Ice Alaska		10	LI				L.	CE	10	CLU			10											10	10
Just Mint								CL					E								EG				CEG
Fresh Spearmint													L								EG				CLO
																					10				
SPICE																									
Infused Vanilla / Vanille Infusée		EG	EI				E	E	EG	CEG			E				EG	EG	E	E		E	E	E	E
Vanilla Medley	G																								
Smooth Vanilla																									
FRUIT																									
Baked Apple																									
Apple																									
Fresh Apple			EI										Е								CEG	Е	Е		
Green Apple									EG	Е															
Dark Cherry/Cerise noire		EG	EI				Е	E	EG	CEG			Е						Е	Е	CEG			Е	E
Just Mango		EG																							
Classic Mango/Mango									EG	G				G	G							E	E		
Ripe Mango			EI																						
Blushed Mango																				E	EG				
Tropical Mango	G						Е	E					E						E					E	E
Peach													_												
Classic Peach	C		EI		G	G			EG	CEG			E								CEG				E
Garden Strawberry	G					6			50	656			-								050				
Original Strawberry	6		EI			G			EG	CEG			E								CEG				E
Very Berry Wild berries / Fruits des bois	G	EG					Е	E	EG	CEG			EG	G	G	С	EG	EG	EG	EG	CEG	E	E	EG	EG
Protonated nicotine	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2020		2020	2020	2021	2020	2021	2021	2020	2021	2020	2021
C = 6 mg		1	_,		_,			2		7				_,	_ /	2					5	_0_0		_,	2
D = 9 mg		-						-		•											~				0
E = 12 mg, 1%		7	8				7	8	10	8			11				4	4	6	6	12	7	7	7	11
G = 18 mg, 1.6%	6	6			1	2			10	9			3	5	5		4	4	3	3	12			3	5
I = 30 to 34 mg, 3%			8													1									
Total flavour-nicotine variants	6	14	16		1	2	7	10	20	24	0		14	5	5	3	8	8	9	9	29	7	7	10	18
Number of flavours (salted)	6	7	8	0	11	2	7	8	10	10	0	0	11	5	5	3	4	4	6	6	12	7	7	7	11

9

	Bel	gium	Car	nada	Colo	mbia		nce	Geri		Guate	emala	Ireland	lta	aly	Kuwait	Me	exico		ealand	Poland	Switz			Kingdom
UNPROTONATED	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2020	2021	2020	2020	2021	2020	2021	2021	2020	2021	2020	2021
Товассо																									
Blended Tobacco/Classique	ACEG	ACEG			G	G	ACEG	ACEG		AC	G	G	AC	AC	AC									ACEG	ACEG
Golden Tobacco	ACLU	ACLU	А		CG	CG	ACEG	ACEG		AC	U	U	AC	AC	AC	G								CEG	CEG
Classic/Saveur Classique Création			~	Е	60	60	ACEG	ACEG								5								620	CLO
MINT-MENTHOL-COOLING																									
Freeze Mint/Menthe glacée																	AE	AC							
Peppermint Tobacco															А										
Crisp Mint / Ice Vert / Crushed Mint	ACEG	ACE	А	AEI	ACG	ACG		CE			G	С	AC	С	С				А					ACEG	ACEG
Menthol / Menthe Fraîche							ACEG	ACEG																EG	
Mint Fusion																								EG	
Spice																									
Vanilla / Infused Vanilla / Vanille infusée	ACEG	AC	А	AI			ACEG	ACEG						CG	CG									CEG	CEG
Smooth Vanilla / Vanilla Medley Vanille des Iles		CE					CE	CE																EG	EG
Melon and Fruit																									
Apple Mint	С	E																							
Apple / Fresh Apple / Apple Combo	ACE	ACE	Α	AE	ACG	ACG					G	AC												CEG	EG
Pomme on the Rocks							ACEG	ACEG										CE							
Pomme Tatin							CE	CE																	
Pomme Verte	-	-					ACEG	ACEG																	50
Iced Berry Wild Berries/fruits des bois	E ACEG	E ACEG			ACG	ACG	ACEG	ACEG		А			AC	С	С		AC	AC						CEG	EG CEG
Iced Blackcurrent/ Cassis on ze Banquise	E	E			ACG	ACG	ACEG	ACEG		A			AC	C	L		AC	AC						CEG	CEG
Crème à la Myrtille	L	L.					CE	CE																	
Cerise sur le Glaçon							ACEG	ACEG																	
Cherry / Dark Cherry/Cerise Noire			А	EI			ACEG	ACEG			G	G	А			С	ACE	ACE	А					ACEG	ACEG
Honeydew Splash																	ACE	ACE						CE	
Mango				AEI										А	А										
Melon Esquimau							ACE	ACE																	С
Peach Whirl / Classic Peach / Peach			А	AE	AC	AC																		CE	
Peach Melba							ACE	ACE																	
Fusion Fraise Banane							CE	CE																	
Strawberry /Straw. Smash / Fraise Tonic			A			ACG	ACE	ACE								С								CE	CE
DESERT - COCKTAILS																									
Panna Cotta Coco		CE					CE	CE									CE							CE	CE
Apple Desert / Baked apple		CE															CE	CE						CE	EG
Fresh Snap																	ACE	ACE							
Green Snap																								CE	E
Scarlet Kick Tequila fruitée								CE																CE	
Scotch boisé								CE																	
Rum epicé								CE																	
Not Protonated nicotine	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2020	2021	2020	2020	2021	2020	2021	2021	2020	2021	2020	2021
A = 0 mg	5	5	7	5	4	5	14	14		2		1	4	2	3		5	5	2					3	3
C = 6 mg	6	8			5	6	19	23		1		2	3	4	4	2	6	7						14	9
E = 12 mg, 1%	7	10		6			19	23									6	5						17	13
G = 18 mg, 1.6%	4	2			5	6	11	11			4	2		1	1	1								10	10
I = 30 to 34 mg, 3%		-		4																_					
Total flavour-nicotine variants	22	25	7	15	14	17	63	71	0	3	4	5	7	7	8	3	17	17	2	0	0	0	0	44	35
Total flavours (not salted) – EPEN 3	8	11	7	7	6	7	19	23	0	2	4	4	4	5	6	3	7	7	2	0	0	0	0	17	14
Total flavours salted and not salted – EPEN 3	14	15	12	7	6	8	23	28	10	11	Δ	4	12	8	8	6	9	9	6	6	12	7	7	21	22

Table 5. Flavours and strengths of bottled liquids as listed for sale on BAT's Vype/Vuse web-sites. January 2020 and 2021

	Belgi		Canada		ance	Germ		Hungary	Ireland	Kuwait	POL		erland	United K	lingdom
NOT PROTONATED	2020	2021	2020	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	202
LAVOURLESS														65	CE
Vpure														CE	C
OBACCO FLAVOUR															
Aromatic tobacco						CE	CE								
Dark											CE			CEG	CE
Blended Tobacco											CE			EG	CE
Blond Tobacco/Saveur Blond		BCE		ACE	ACE						CE				
Bright Tobacco						ABCEG	А	ACG							
Caramel Tobacco	BCE														CE
Golden Tobacco / Saveur doré			CG	ACE	CE					CE	CEG				
Mocha Tobacco	BCE	BCE									CE			BCEG	BC
Original Tobacco / Saveur classique	CE	CE		CE	CE			ACG	CEG			CE	CE		
Rich tobacco		EG				BCEG									
Roasted Tobacco / Toasté authentique				BCE	BCE	ACE	ACE								
Saveur blond authentique				BCE	BCE										
Smoky-leaf tobacco / Boisé authentique	BCE	BCE		BCE	BCE									CEG	CE
	DCL	501		Del	DCL									220	
PICE															
Anis				ACE											
Infused Vanilla / Vanille Infusée			С	ACE	CE										
Epices orientales				ACE											
1INT-MENTHOL-COOLING															
Mint (Cool-, Crisp-, Green-)	ABCE	ABCE	ACF	ACE	ACE	ABCE		ACG	CEG		CEG	CE	CE	CEG	CE
Menthol / Menthe Fraiche				ACE	ACE		ABCE								
Mint Fusion						ABCE	A								
Menthol Tobacco						ABCE									
An an															
RUIT-MELON				105						05				1.05	0
Apple (Fresh-, Green-)			ACF	ACE	ACE					CE				ACE	CE
Pomme on the Rocks				CE		С									
Tarte aux pommes				ABCE	ABCE										
Very Berry														BCE	
Berry Crush							ACE							CE	C
Red Berry / Fruits rouges				ABCE											
Boom de Myrtille				CE	CE										
Cassis on ze Banquise				CE	CE										
Cerise sur le Glaçon				CE	CE										
Dark Cherry / Cerise Noir			ACF	CE	ACE						CE			CEG	CE
Cherry (Sweet-, Very-)	CE	CE				ACE	ACE	ACG	CE			С	С		
Banaberry Blend				CE	CE		AC							CE	CI
Grape (Blue-, Burst-) Grape	BCE	C		ACE	ACE	ACE	AE								
Mango (Classic-, Swirl-)				AC	AC	ACG	ACG	ACG				С	С		
Honeydew / Honeydew Splash			ACF											CE	C
Melon esquimau				CE	CE										
Classic Watermelon / Watermelon / Pasteque				AC	AC	ACEG	ACEG	ACG				С	С		
Watermelon Mint								ACG							
Peach (Whirl, Swirld, Melba)			CF	CE	CE									С	С
Raspbery (Fruity-, Classic, Crush)	BCE	BCE				BCE	CE	ACG							
Strawberry (Juicy-, Smash-, Tonic-, Cream-, Jam)			ACF	CE	CE	ABCE	ABCE	ACG	E	CE				ACE	C
Wild Strawberry / Fraise des bois	ABCE			ACE	ACE	ABCE	ABC	ACG							
Super Fruity								ACG							
esert-Cocktail															
Green Snap			CF											CE	

	Belg	gium	Canada	Fra	nce	Germ	nany	Hungary	Ireland	Kuwait	
Indigo Dive			CF								
Scarlet Kick			ACF								
Tropical Twist				CE	CE						
Tropical Punch							ACE				
Apple Custard						ABCE	ABE		E		
Berry Trifle/Charlotte aux fruits rouges					ABCE	BCE	BCE				
Crème brûlée				ABCE	ABCE	ABCE	ABCE				
Caramel Marshmallow / Guimauve caramel				ABCE	ABCE	BCE	BCE		E		
Coconut Panna Cotta / Panna Cotta Coco				ABCE	ABCE	BCE	BC		E		
Tiramisu / Tiramisu Crème				ABCE	ABCE			ACG			
Smoked Whisky / Scotch boisé	BC	BC		BCG	BCE				CE		
Spiced Rum/Rhum épicé	BC	BC		BCG	BCE				CE		
Tequila Sunrise / Tequila Fruitée	BC	BC		BCG	BCE						
PROTONATED											
Classique Sélection				G	G						
Intense Tobacco						G					
Rich Tobacco		G									
Tobacco Wonder	G										
Crisp Mint						G					
Crushed Mint / Menthe Glacée	G	G		G	G						
Wild Berries/Fruits des bois	G	G		G	G						
Red berries						G	G				
Creamy vanilla						G					
Infused vanilla											
	2020	2021	2020	2020	2021	2020	2021	2020	2021	2020	;
A = 0 mg	2	1	6	18	15	13	15	12			
B = 3 mg	10	8		12	12	13	8				
C = 6 mg	12	11	11	35	32	20	16	12	5	3	
D = 9 mg											
E = 12 mg, 1%	9	8		30	30	18	14	0	9	3	
F = 15 mg			9								
G = 18 mg, 1.6%	3	4	1	6	3	8	3	12	2		
Total	36	32	27	101	92	72	56	36	16	6	
Total number of flavours offered	15	15	11	39	35	24	21	12	9	3	

In 2021, BAT discontinued selling bottled liquids in Canada and Kuwait. BAT websites were not functioning for 2020 in Ireland and Poland, and not in 2021 for Hungary

POL	Switze	erland	United K	ingdom
			CE	CE
			CE	CE
			CE	CE
CE			BCE	BC
CE				
CE			BCE	С
CE			BCE	BC
				BC
CE			BCE	
CE			BCE	BCE
CE			BCE	BCE
CE			BCE	BCE
-				
G				
6			G	G
G			6	6
<u> </u>			G	G
G			G	G
G			G	G
2021	2020	2021	2020	2021
0			2	0
0			9	7
15	5	5	24	25
-	-	-		-
15	2	2	24	20
6			10	11
36	7	7	69	63
19	5	5	29	29

Table 6. Total number of flavour-nicotine variants offered on BAT web-sites.

Device Type	Belg	ium	Can	ada	Colo	mbia	Fra	nce	Gern	nany	Guata	-mala	Hungary	Ireland	lt	aly	Kuv	wait	Me	xico	New Z	ealand	Poland	Saudi Arabia	Switze	er-land	UAE	United H	Kingdom		States ONLY)
Total market	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2021	2020	2021	2021	2020	2021	2020	2021
0 mg	7	9	13	7	4	6	33	30	14	17	0	1	12	4	2	3	0	2	5	5	2	0	0	0	0	0	0	5	4	0	0
3 mg	10	8	0	0	0	0	12	12	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	0	0
6 mg	18	24	11	0	5	6	55	61	20	24	0	2	12	8	4	4	7	0	6	7	0	0	20	0	5	5	0	38	40	0	0
9 mg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 mg, 1%	16	32	8	6	0	0	63	68	28	26	0	0	4	28	0	0	3	0	10	9	6	6	33	0	9	9	0	53	52	0	0
15 mg	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 mg, 1.6%	15	19	9	22	6	13	26	21	23	17	4	2	16	11	6	6	1	0	9	9	3	9	29	5	5	5	9	31	35	3	3
24 mg, 2.4%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
30-34 mg, 3%	0	0	16	26	0	5	0	0	0	0	0	0	0	0	0	0	1	3	0	0	3	6	0	0	0	0	0	0	0	0	0
50-60 mg, 5%	0	0	8	21	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	8	0	0	0	0	0	0	0	4	3
	66	92	74	82	15	30	189	192	98	92	4	5	44	51	12	13	12	7	30	30	19	29	82	5	19	19	9	136	138	9	9
Percentage of offers	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2021	2021	2020	2021	2021	2020	2021	2020	2021
0 mg	11%	10%	18%	9%	27%	20%	17%	16%	14%	18%	0%	20%	27%	8%	17%	23%	0%	29%	17%	17%	11%	0%	0%	0%	0%	0%	0%	4%	3%	0%	0%
3 mg	15%	9%	0%	0%	0%	0%	6%	6%	13%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	5%	0%	0%
6 mg	27%	26%	15%	0%	33%	20%	29%	32%	20%	26%	0%	40%	27%	16%	33%	31%	58%	0%	20%	23%	0%	0%	24%	0%	26%	26%	0%	28%	29%	0%	0%
9 mg	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
12 mg, 1%	24%	35%	11%	7%	0%	0%	33%	35%	29%	28%	0%	0%	9%	55%	0%	0%	25%	0%	33%	30%	32%	21%	40%	0%	47%	47%	0%	39%	38%	0%	0%
15 mg	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
18 mg, 1.6%	23%	21%	12%	27%	40%	43%	14%	11%	23%	18%	100%	40%	36%	22%	50%	46%	8%	0%	30%	30%	16%	31%	35%	100%	26%	26%	100%	23%	25%	33%	33%
24 mg, 2.4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	33%
30-34 mg, 3%	0%	0%	22%	32%	0%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	43%	0%	0%	16%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%
50-60 mg, 5%	0%	0%	11%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%	0%	0%	26%	28%	0%	0%	0%	0%	0%	0%	0%	44%	33%
Total market %	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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