

Alternativprodukte zur
verbrennungszigarette: z.b.Snus: Das
Beispiel Schweden

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Nicotine/Tobacco is an ideal area for harm reduction.

Because:

- Smoking is very harmful
- Used largely because of nicotine.
- Pure nicotine, and even unburned tobacco, is not a big part of the problem: the health consequences.

Statement from FDA Commissioner Steve Gottlieb March 15 2018 on Harm Reduction

“nicotine, while highly addictive, is delivered through products on a continuum of risk, and that in order to successfully address cigarette addiction, we must make it possible for current adult smokers who still seek nicotine to get it from alternative and less harmful sources”.

SAMPLE OF PRODUCTS

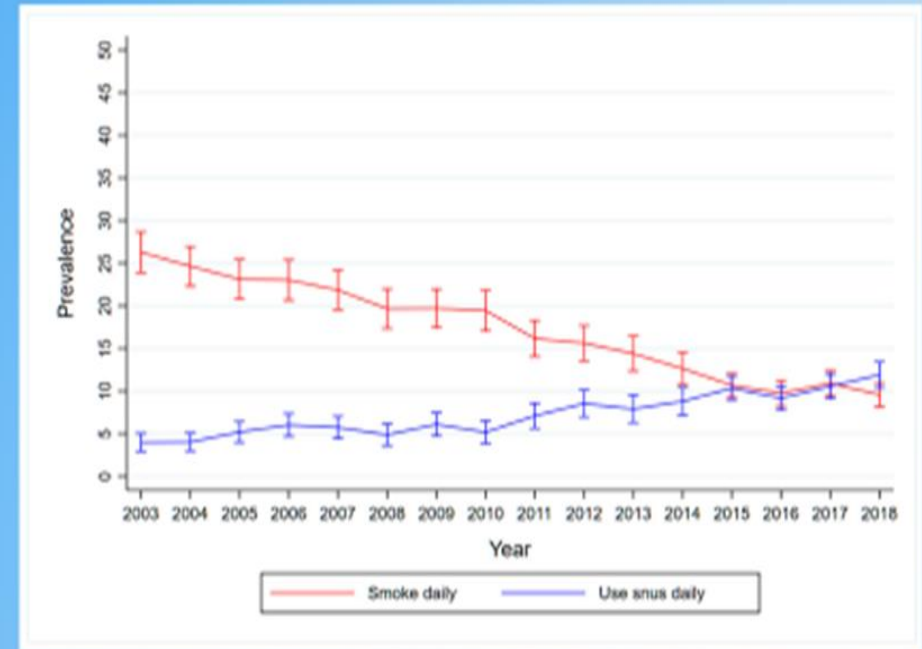


Snus & Cigarette consumption, Sweden



SOURCE SMD Logistics och Swedish Match estimat.

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DAILY TOBACCO / NICOTINE USE IN PERCENT

Sweden 2021

Men (18-79 years)

Smoking 4

Snus 20

E-Cigarettes 1

TOTAL 25

Novus 2021

DEATH RATES (PER 100,000) ATTRIBUTABLE TO TOBACCO.

	Sweden	European Union Member States other than Sweden		
		Min	Median	Max
MEN (age 60-69)				
Lung cancer	87	91	220	399
Other cancer	36	41	105	217
All cardiovascular	72	107	170	618
All causes	222	378	550	1388
WOMEN (age 60-69)				
Lung cancer	61	5	39	127
Other cancer	17	1	10	39
All cardiovascular	63	5	50	222
All causes	173	14	115	690

Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016
Lancet 2017; 390: 1345–422

“There is sufficient evidence that chewing tobacco and other products of similar toxicity cause excess risk of oral and oesophageal cancer while, at this time, existing evidence does not support attributing burden to snus or similar smokeless tobacco products. Globally, smoking tobacco causes far more burden than smokeless tobacco”.

Swedish snus was the first, and so far the only, product to be recognised as a less harmful tobacco product by the US Federal Food and Drug Administration

“the available scientific evidence, including long-term epidemiological studies, shows that relative to cigarette smoking, exclusive use of these specific smokeless tobacco products poses lower risk of mouth cancer, heart disease, lung cancer, stroke, emphysema, and chronic bronchitis”

<https://www.fda.gov/news-events/press-announcements/fda-grants-first-ever-modified-risk-orders-eight-smokeless-tobacco-products>

Total tobacco related deaths among men >30 years in Germany, Sweden and EU.

	Actual deaths	If similar tob habits as in Sweden	Difference in deaths	Deaths/100.000
Germany	80.843	36.370	44.473	301
Sweden	4.267	4.267	0	152
EU	561.091	205.719	355.372	373

Adverse effects from snus

- More severe consequences of stroke and myocardial infarction
- Increases risk for adverse effects of pregnancies.
- Can increase the risk of diabetes type 2 in very heavy consumers.
- Damage to the oral mucosa.

Similarity to cigarettes



Danke sehr.

Harmful effects from nicotine

- Adversely affects the foetus and can complicate delivery
- Can possibly increase risk of diabetes typ 2 in very heavy users
- Can make the consequences of myocardial infarction and stroke worse

Positive effects from nicotine

- A cognitive enhancer
- Can prevent Parkinsons disease, ulcerative colitis and possibly multiple sclerosis
- Appetite supressant and increases energy turnover

If men in the EU have had the same tobacco habits as Swedish men there would have been 355.000 deaths fewer per year.

www.snuskommissionen.se

■ Lung
 ■ Pancreas
 ■ Lip & Oral cavity
 ■ Esophagus

