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Big Picture: Smoking Among People Experiencing Homelessness

- Cost of smoking
- Smoking prevalence
- Smoking-attributable illnesses & mortality
- Targeting from tobacco industry

Cost of Smoking



- Median past-week spending: \$40 USD
- Estimated 1/3 of monthly income spent on tobacco
- Higher nicotine dependence correlated with greater spending on tobacco
 - Greater difficulty meeting basic survival needs in this group

Baggett, NEJM 2016







Tobacco Industry Targeting

- Tobacco industry marketing exploits high rates of comorbid mental illness & substance use disorders
 - Critical subpopulation for tobacco sales identified as early as the 70s
- Larger marketing efforts towards "downscale customers" by the gos
 - Recruited new homeless smokers by distributing free "sample" packs at shelters & soup kitchens
 - Project SCUM: major campaign from RJ Reynolds targeting homeless adults in SF in 1995

<image><caption>

Elser, Prev Med Rep 2019





What are the challenges in smoking reduction?

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Challenges in Smoking Reduction

- Smoking as "homeless culture"
- Substance use & mental health issues
- Competing priorities
- Persisting facilitative attitudes from healthcare providers

Smoking in Homeless Culture

• 70 - 80% of people experiencing homelessness use tobacco (Baggett, 2013)

• Social environment's impact on smoking (Pratt, 2019)

- More pressure to smoke in & around shelters
- "Drinking ain't hard to stay away from, it's the smoking because smoking, you see that everywhere."
- "If I am around a bunch of people, and they are smoking. That will make me want to smoke."



AP Image, Pat Sullivan

Substance Use (past 30 d)	%	
Heroin	12	
Opiates/painkillers	24	
Cocaine/crack	24	
Cannabis	43	
Drank alcohol to intoxication	44	
Mental health symptoms (past 30 d)	%	
Serious depression	64	
Serious anxiety/tension	73	
Serious thoughts of suicide	20	
Positive screen for PTSD	68	
Trauma experiences (lifetime)	%	
Physical assault	81	
Sexual assault	26	
Head injury	65	Bao























INSPIRE ouitting: challenges Lower recruitment rates than expected Very low smoking abstinence rates Varenicline adverse events (AEs) common Most common AEs: Abnormal dreams, nausea, headaches None so far have been serious

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