

A Mixed Methods Study of the Stanislaus State Community's Knowledge and Behaviors Surrounding Tobacco/Nicotine

**SVFSI COHORT 1
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Purpose of the Project

Tobacco and nicotine have undeniable adverse health effects, making it one of public health's greatest epidemic threats. The chemicals present in tobacco {carcinogenic nitrosamines, formaldehyde, heavy metals, and various other toxicants} have the potential to leech from cigarette butts and eventually bio-accumulate in the human food chain. To effectively prevent and control tobacco-related health disparities, it is critical to understand people's knowledge on tobacco.

Methods

To better understand the gaps in education we had to know people's current knowledge of tobacco/nicotine use and disposal, perceptions of use, and level of tobacco-related environmental knowledge.

- Participant observation of unobtrusive locations around the CSUS campus.
- A survey of the students, faculty and staff at CSUS.

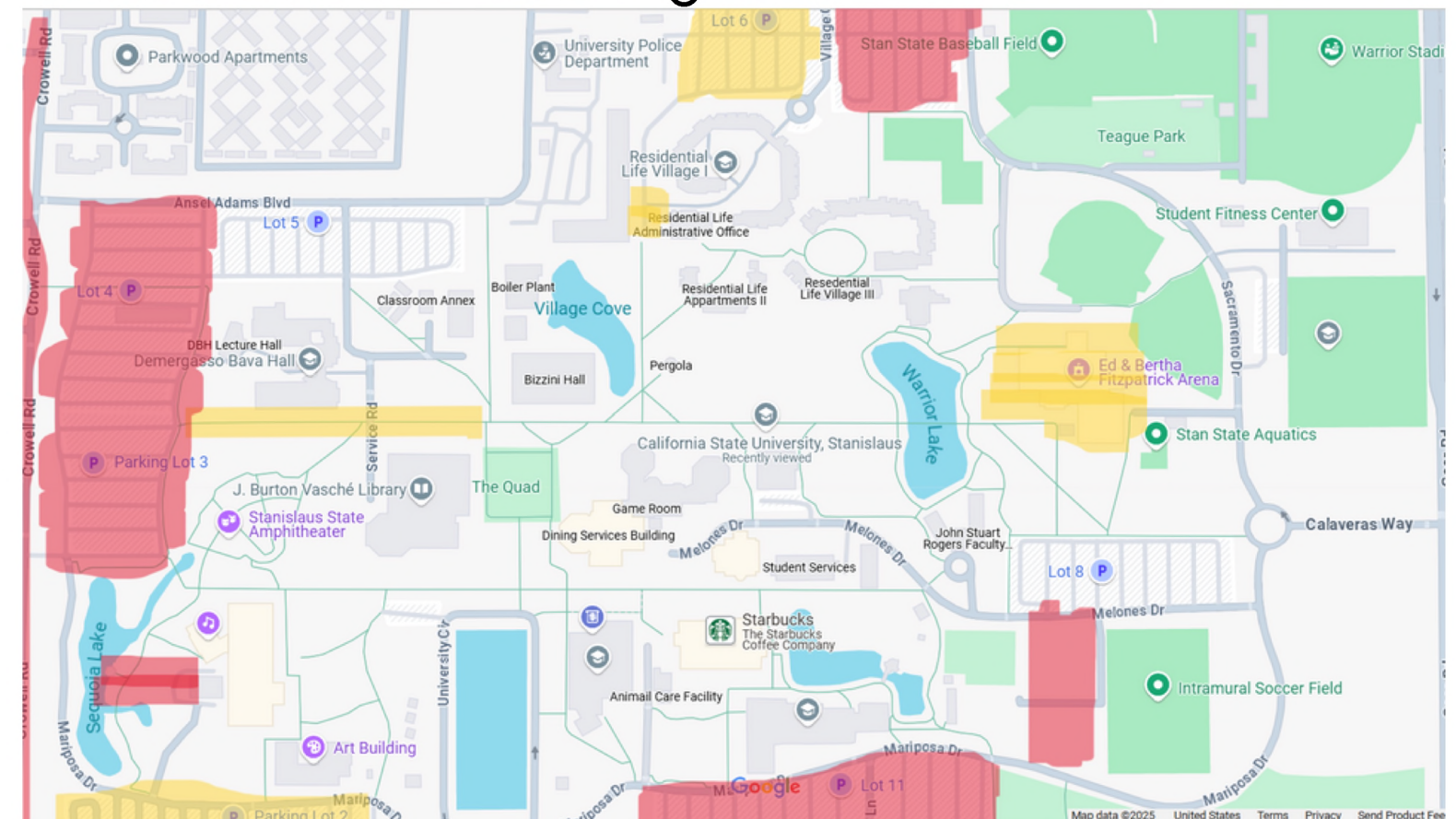
Findings - Participant Observation

- Common co-related behaviors that were observed included walking around, and sitting in a parked car.
- Most commonly used product was e-cigarettes/vapes.
- Smoking behaviors were observed at 5 out of the 10 locations included in this study.
- However, the frequency at which smoking behaviors were occurring in the observed areas was very low.

Key:

Yellow - Smoking observed

Red - No smoking observed



Findings - Survey

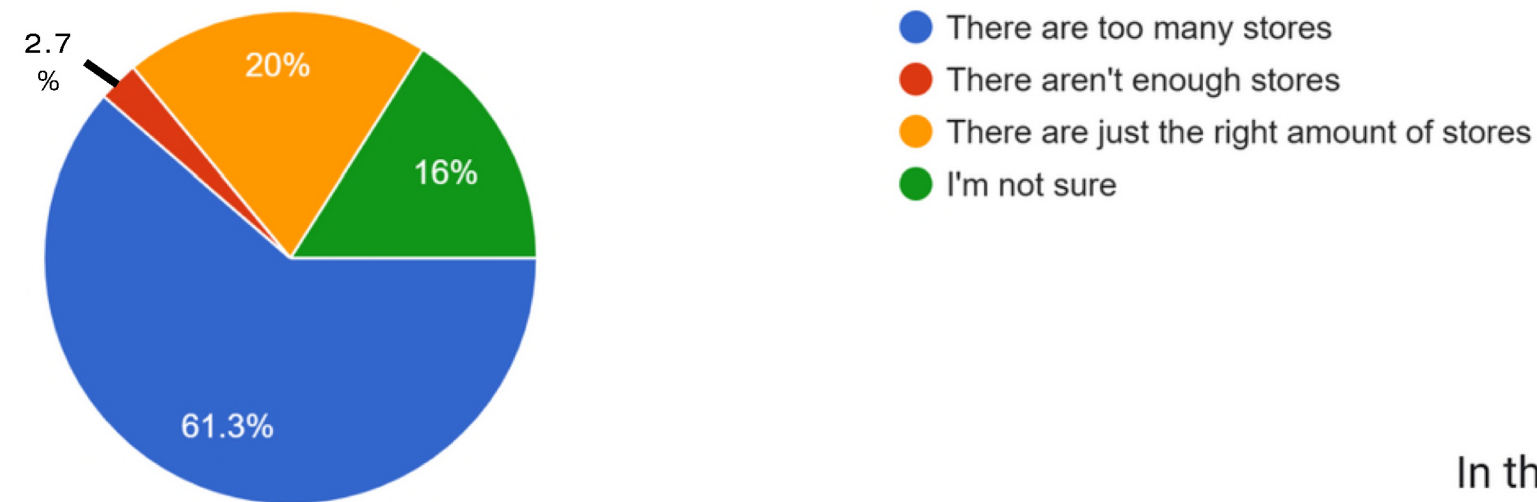
- N=75 students, faculty, or staff
- Not enough data regarding socio-economic, immigration status, living in another country, LGBTQ+, or gender identity
- What do the student, faculty, and staff at Stanislaus State know and believe about the environmental effects of tobacco/nicotine products?
 - Tentative conclusions regarding knowledge & beliefs
 - Exposure of second-hand smoke



Findings & Discussion - Survey

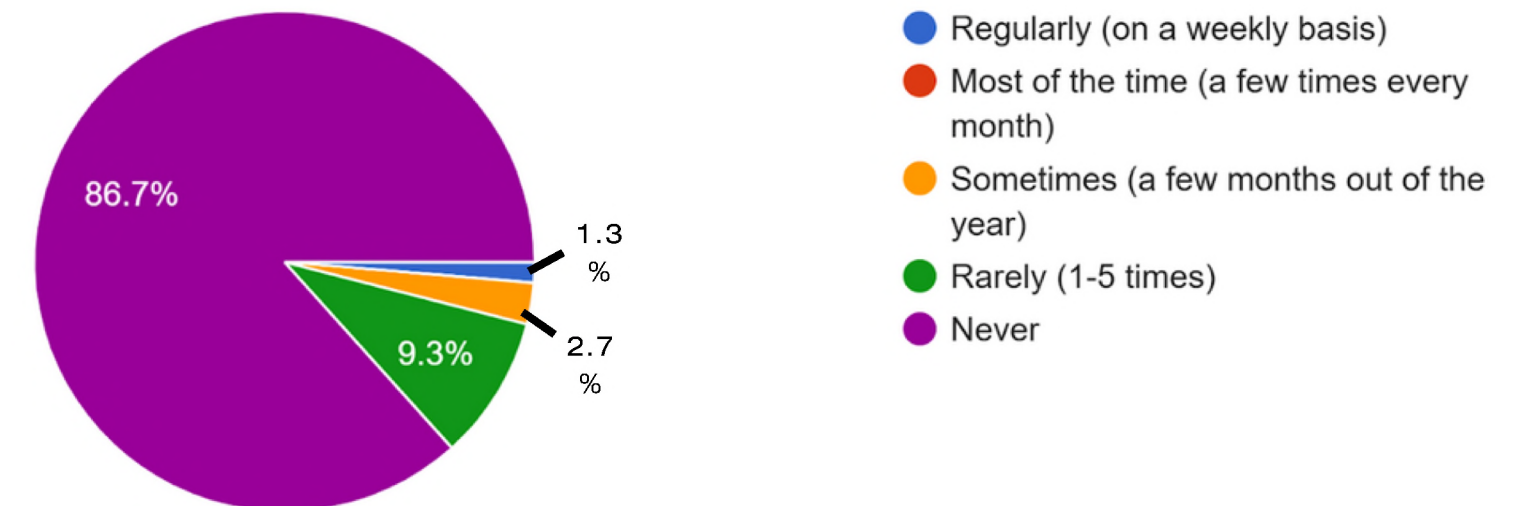
What do you think about the amount of stores near you that sell smoking products?

75 responses



In the past 12 months, how often did you use tobacco or nicotine products?

75 responses



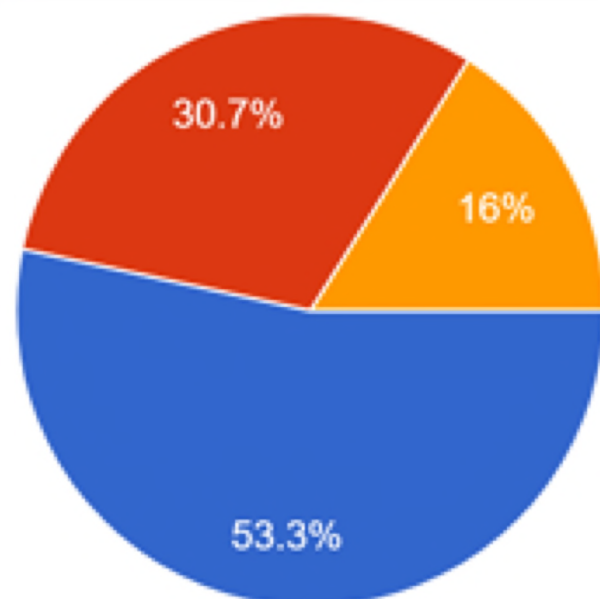
"near you" = with-in 15 minutes walking distance of surveyors house.

- 58.6 % said 2 - 5 stores
- 12 % said 0 - 1 stores
- 29.4% ranged from 6 - 20 stores

Finding & Discussion - Survey

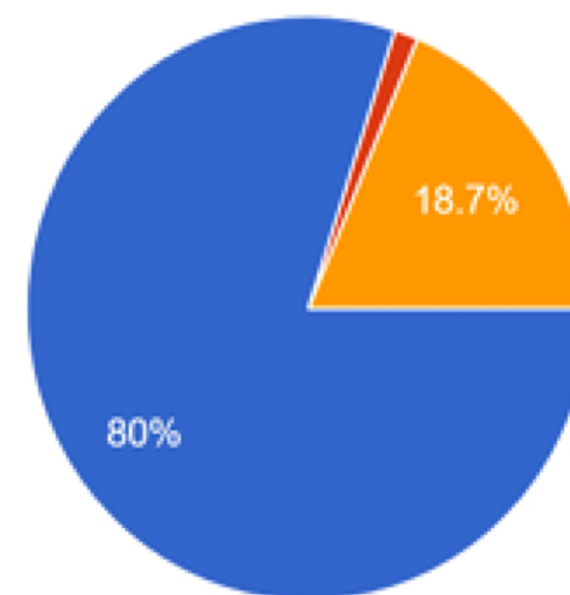
- Even though CSUS is a smoke free campus only 42.7% haven't seen "no smoking" signs on campus.
- Awareness of a smoke-free policy could be why there was minimal observation of smoking.

Have you seen "no smoking signs on campus?"



- 53.3% (40) said yes
- 30.7% (23) said no
- 12% (12) said not sure

Is Stan State considered a smoke free campus?



- 80% (60) said yes
- 1.3% (1) said no
- 18.7% (14) said not sure

Thank You

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Dr. Meggan Jordan, Dr. Arturo Durazo,
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SVFSI Cohort 1

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