
NICOTINE & CANNABIS POLICY CENTER

COVID-19, TOBACCO & VAPING: Insights from Researchers in California's San Joaquin Valley



The Impact of COVID-19 on Tobacco and Cannabis Use Among Adults in California's San Joaquin Valley



Brought to you in
partnership with
the American Heart
Association



ACKNOWLEDGEMENTS

NCPC Research Core Team



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**Thank you to our Research Core
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NCPC RESEARCH CORE

- Primary aim: To assess nicotine and cannabis product use and evaluate support for existing and emerging related policies among the population in the San Joaquin Valley.
- Data collection and COVID-19 pandemic

Survey # 1:

- February & May 2020
- General population

Survey #2:

- June 2020
- Smokers

Conducted online - recruited
via Facebook

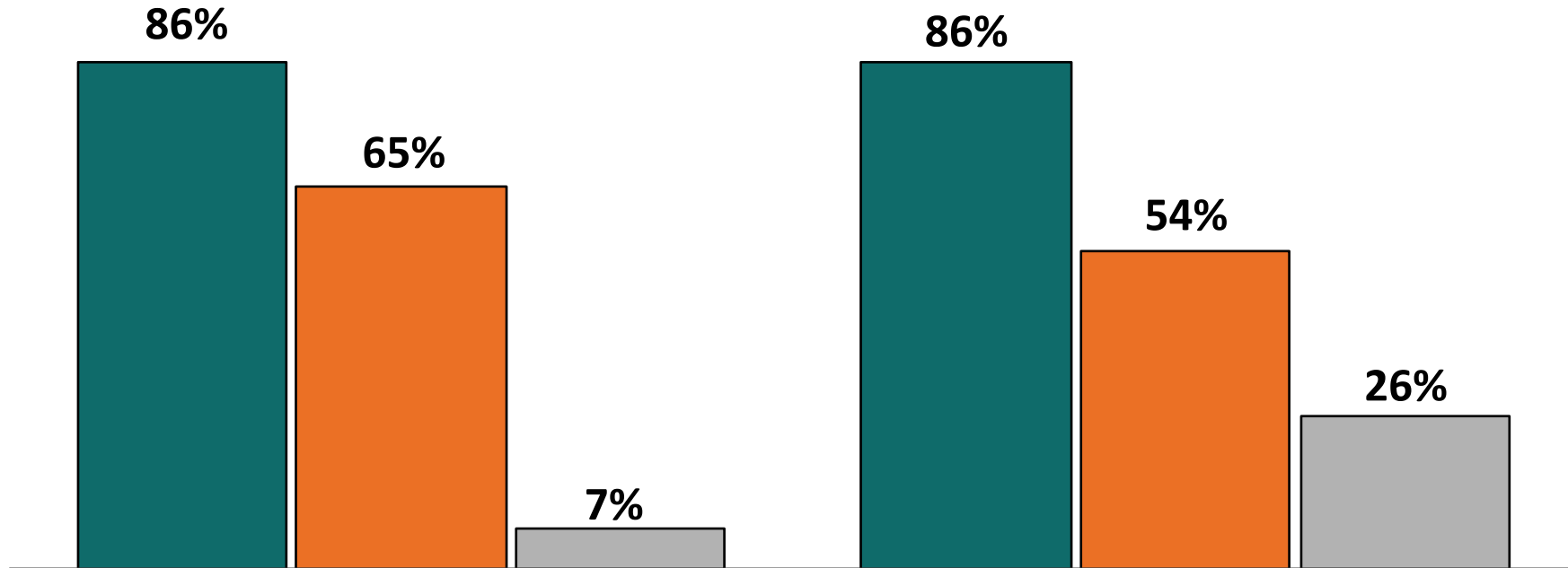
Inclusion criteria: 18+ years
old, residing in SJV, & English
speaking



RESULTS – SURVEY # 1

% of sample that, in the last 30 days has used...

■ Cigarettes ■ E-cigarettes ■ Marijuana



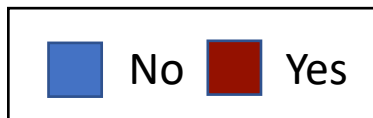
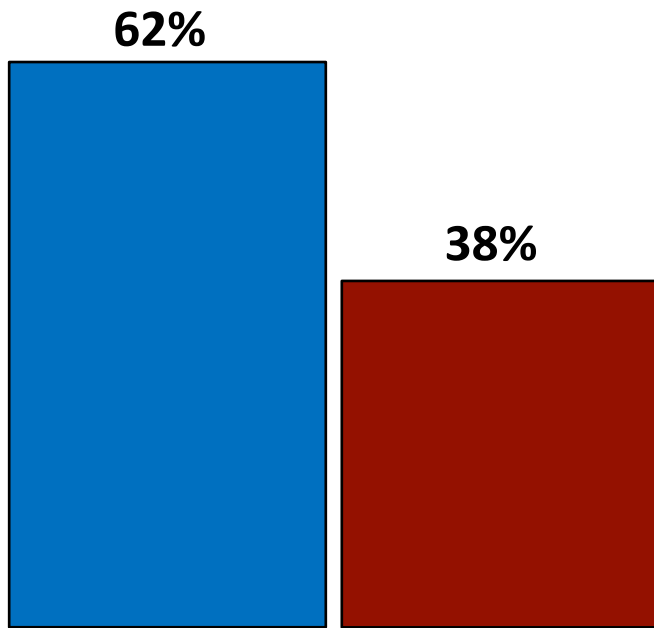
RESULTS – SURVEY # 1

Controlling for age, gender, race/ethnicity, education, and income:

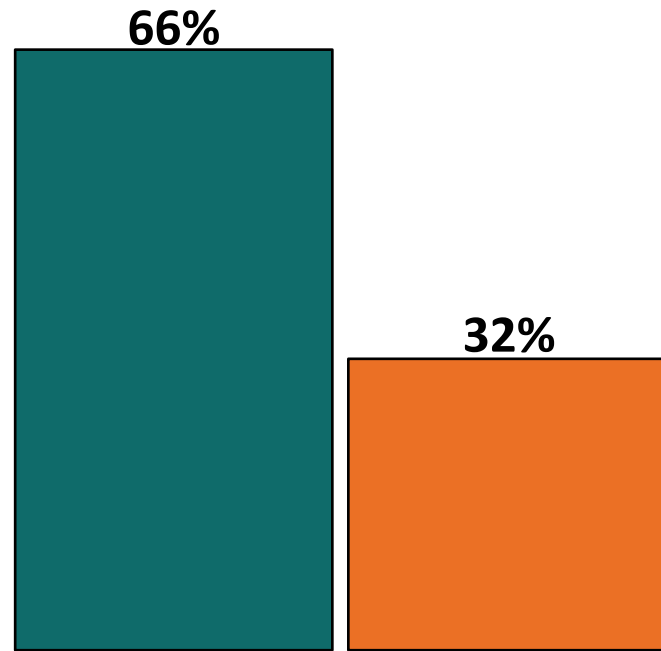
- Participants surveyed in May had higher odds of intending to quit smoking cigarettes in next 6 months vs. those surveyed in February
- Participants surveyed in May had higher odds of intending to quit using e-cigarettes in next 6 months vs. those surveyed in February

RESULTS – SURVEY # 2

QUIT ATTEMPTS PAST 3 MOS.



INTEND TO QUIT NEXT 30 DAYS



(n = 240)

RESULTS – SURVEY # 2

Controlling for age, gender, sexual orientation, race, income, & # cigarettes per day:

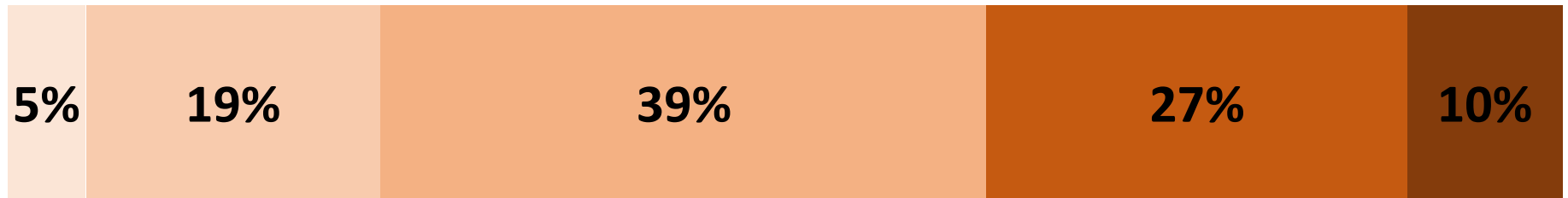
Increased worry that smoking makes one more susceptible to COVID-19...

1. More likely to have unsuccessfully attempted to quit in past 3 months
2. More likely to intend to quit in the next 30 days



RESULTS – SURVEY # 2

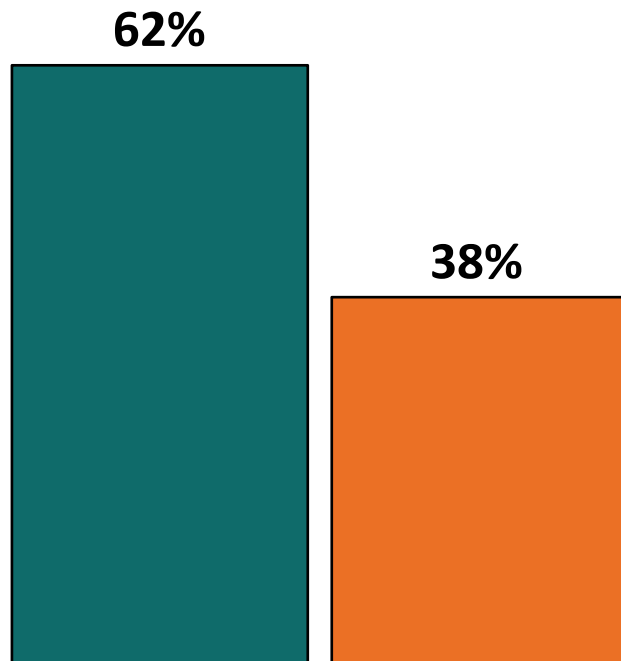
Difficulty in accessing cigarette cessation aids or products during a pandemic...



■ Not at all difficult ■ Not very difficult ■ Somewhat difficult ■ Moderately difficult ■ Very difficult

RESULTS – SURVEY # 2

■ No ■ Yes



Past Month Marijuana Use

Controlling for age, gender, sexual orientation, race, income, & # cigarettes per day:

Increased worry that smoking makes one more susceptible to COVID-19...

More likely to have used marijuana in the past month.

CONCLUSIONS

- No difference in cigarette smoking between February & May but decreased e-cigarette use [Study 1]
- Increased marijuana use in May [Study 1]
- More likely to intend to quit smoking cigarettes and e-cigarettes in future [Study 1]

CONCLUSIONS

- Worry about COVID-19 related to cigarette smoking quit attempts and intentions to quit in future [Study 2]
- Worry about COVID-19 related to increased marijuana use [Study 2]

IMPLICATIONS

- E-cigarette use may be going down
- Increased marijuana use
- Cigarette smoking still problematic
- Possible increased interest in quitting
 - Opportunity to increase cessation efforts for tobacco in region



THANK YOU

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