ENFORCEMENT OF TOBACCO PUP LAWS IN RELATION TO YOUTH SMOKING BEHAVIOR

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Introduction

PUP Laws:
- Possession, use, and purchase (PUP) laws and price 
- Tobacco control policies that encourage a price increase of tobacco products
- There are state PUP laws and local PUP ordinances
- Recent trends indicate an increase in the number of state PUP laws and local PUP ordinances, with little empirical data on their effectiveness

Mean Number of PUP Laws Per State — United States, 1999-2007

Methods

MEASURES:
- Dependent variables:
  - Current smoking
  - Cigarette smoking, current (30+ packs per year)
  - Smoking reflects poor judgment
  - Smoking reflects poor judgment
- Independent variables:
  - Existence of local PUP ordinances
  - Existence of state PUP ordinances
  - SEI for state PUP laws
  - LEI for local possession laws

DATA COLLECTION: Independent variable

Existence of state PUP laws:
- Calculated from 1989-1999 data from the National Adult Tobacco Surveys.

Existence of local PUP ordinances:
- Calculated from 2000 data from the ImpacTeen State-Level Tobacco Control Policy database.

DATA COLLECTION: Dependent variable

Monitoring the Future (MTF) surveys — 9th, 10th, 12th graders

MEASURES:
- Current smoking
- Smoking reflects poor judgment
- Smoking reflects poor judgment

DATA COLLECTION: Administrative variable

Tobacco control expenditures — per capita (in dollars) from CDC

DATA COLLECTION: Independent variable

Strength of STM laws — STM index developed by NCI, CDC, and other tobacco control jurisdictions

Tobacco control expenditures — per capita (in dollars) from CDC

DATA COLLECTION: Administrative variable

Analyses:
- Logistic analyses were conducted using STATA 8.0:
  - Statistical PUP analyses controlled for state clustering and local PUP analyses controlled for community clustering.
  - Analyses were conducted with tobacco control policy variables.
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Results

Discussion

Limitations

Comprehensive tobacco control policies and programs, focusing on both youth and adults

Conclusion

A comprehensive tobacco control approach should achieve the maximum benefit for the entire population.