

Helping Young Smokers Quit

Identifying Best Practices for Tobacco Cessation

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HYSQ Phase I - Methods

Sampling Methodology

- Sample counties or groups of contiguous counties with probability proportional to size
- Size measure based on youth population (12-24 yrs)
- Counties stratified on four criteria

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Stratification Criteria

Criteria	Levels	Definition	Data source
Urbanization	2	MSA vs. Non MSA with population $\geq 10,000$	2000 census
SES	2	Low = $\geq 20\%$ of population below federally defined poverty limit	2000 census
Smoking Prevalence	2	High = $>31\%$ prevalence	BRFSS
Weighted per capital tobacco control expenditures	3	Tertiles based on past 5 years' tobacco control expenditures	Unpublished RTI data

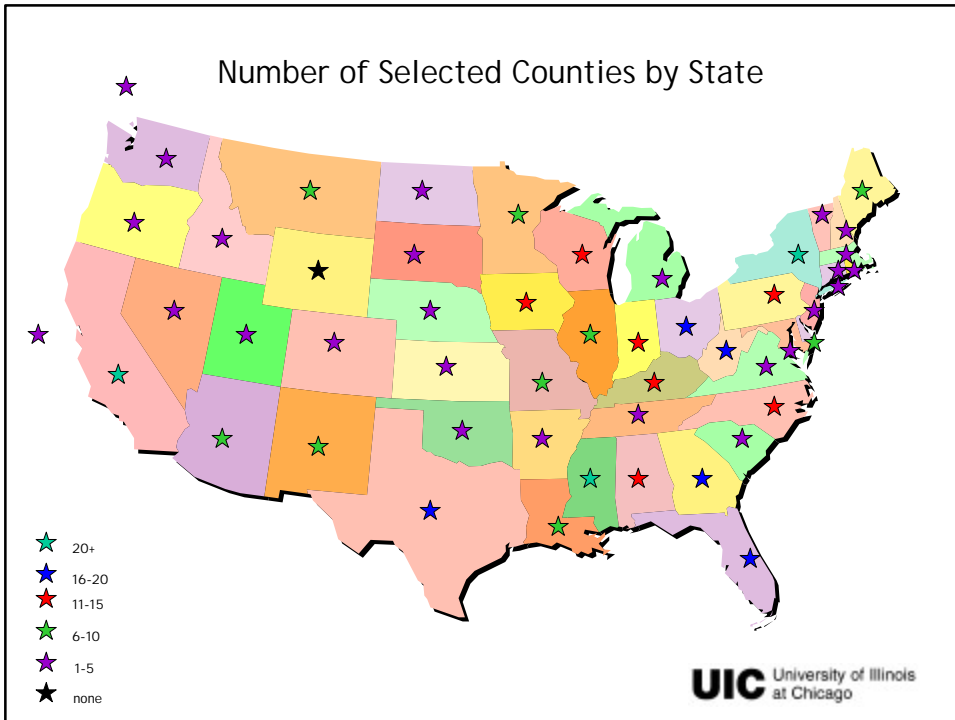
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Selection of Counties

- 3,142 total US counties minus 689 counties with a population less than 10,000 people
- 2,453 counties arrayed into 17 strata (due to low numbers some strata were collapsed)
 - Collapsed MSA and non-MSA counties in low SES counties
 - Collapsed high and medium tobacco control expenditures in low SES/high prevalence counties

Selection of Counties

- 408 counties selected
 - Selected with probability proportional to population - total number of youth in each county
 - Over-allocation of high tobacco control expenditure counties
 - Sample randomly allocated to 4 replicates to ensure resource availability for all 408



Youth Tobacco Cessation Program Operationally Defined

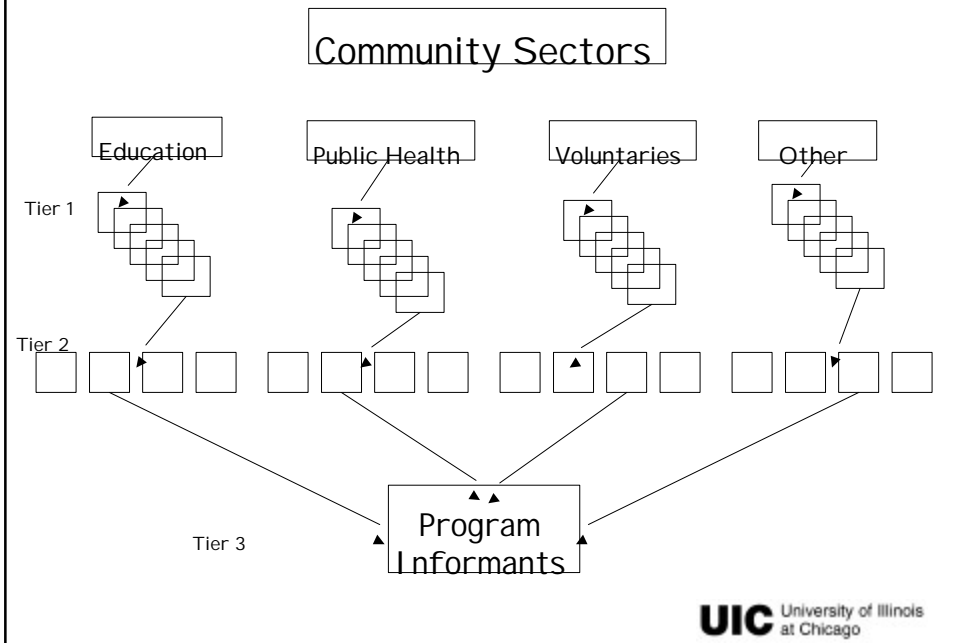
- Tobacco cessation recognized component of treatment program
- Provides direct services to youth aged 12-24
- At least 50% of program participants are aged 12-24
- Program is not part of research initiative
- Program in operation for at least 6 months

Identifying Programs

- Key informant snowball sampling process beginning in 4 community “sectors” for each county
 - Department of Health
 - Department of Education
 - Voluntary organizations (e.g., American Cancer Society, American Lung Association)
 - Other - Tobacco control community
- Program contact referrals were collected until all unique contacts were reached

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Snowball Sampling Process



Profiling Programs

- Once identified, program informants were screened using the HYSQ definition to determine program eligibility
- Eligible program informants were administered a 45-minute survey designed to profile youth tobacco cessation programs on multiple levels

HYSQ Phase I Survey Logic Model

