# Best Practices in Tobacco Taxation 

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## Change - Challenge - Progress

Tobacco Free Nebraska State Conference Lincoln, NE, April 20, 2011

## Overview

- Overview of tobacco taxation
- Impact of taxes/prices on tobacco use
- Earmarking revenues for tobacco control
- Industry price marketing
- Marketing restrictions
- Minimum pricing policies
- Counterarguments - Myths \& Facts
- Summary and impact of a tax increase in Nebaraska


## WHO 'Best Practices'

WHO
Collaborating
Centre on The
Economics of Tobacco and Tobacco Control

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## Overview of Tobacco Taxation

## Why Tax Tobacco?

"Sugar, rum, and tobacco, are commodities which are no where necessaries of life, which are become objects of almost universal consumption, and which are therefore extremely proper subjects of taxation.

Adam Smith, An Inquiry into the Nature and Causes of The Wealth of Nations, 1776

## Why Tax Tobacco?

- Efficient revenue generation
- Primary motive historically and still true in many countries today
- Very efficient source of revenue given:
- Historically low share of tax in price in many countries
- Relatively inelastic demand for tobacco products
- Few producers and few close substitutes
- Makes tobacco one of many goods and services that satisfies the "Ramsey Rule"


## Federal Cigarette Tax and Tax Revenues Inflation Adjusted, 1955-2009



Source: Tax Burden on Tobacco, 2010, and author's calculations

## Cigarette Tax and Tax Revenues Inflation Adjusted, Nebraska, 1980-2010



Source: Tax Burden on Tobacco, 2011, and author's calculations

## Cigarette Tax and Tax Revenues Inflation Adjusted, Idaho, 1965-2010



Source: Tax Burden on Tobacco, 2011, and author's calculations

## Why Tax Tobacco?

- Efficient revenue generation
"This vice brings in one hundred million francs in taxes every year. I will certainly forbid it at once - as soon as you can name a virtue that brings in as much revenue"

Napoleon III

## Why Tax Tobacco?

## - Promote public health

- Increasingly important motive for higher tobacco taxes in many high income countries
- Emerging as important factor in some low and middle income countries
- Based on substantial and growing evidence on the effects of tobacco taxes and prices on tobacco use
- Particularly among young, less educated, and low income populations


## Taxes, Prices and Health: US, 1980-2005

## Medscape



## Why Tax Tobacco?

## Promote public health

"... We [] have a package of six policy measures, known as MPOWER, that can help countries implement the provisions in the Convention. All six measures have a proven ability to reduce tobacco use in any resource setting. But tobacco taxes are by far the most effective."

Director General Dr. Margaret Chan, WHO, 2008

## Why Tax Tobacco?

## - Cover the external costs of tobacco

- "Pigouvian" tax
- Less frequently used motive
- Account for costs resulting from tobacco use imposed on non-users
- Increased health care costs, lost productivity from diseases/death caused by exposure to tobacco smoke
- Increased financial costs from publicly financed health care to treat diseases caused by tobacco use
- Can also include "internalities" that result from addiction, imperfect information, and time inconsistent preferences


# Economic Costs of Smoking \& Cigarette Tax Revenues, Nebraska Inflation Adjusted 



# WHO's Best Practices in Tobacco Taxation 

Use tobacco excise tax increases to achieve the public health goal of reducing the death and disease caused by tobacco use

- As called for in Article 6 of the WHO FCTC
- Additional benefit of generating significant increases in tobacco tax revenues in short to medium term


## Types of Taxes

## - Variety of tobacco

- Taxes on value of tobacco crop
- Customs duties on tobacco leaf, tobacco products imports and/or exports
- Sales taxes/Value added taxes
- Implicit taxes when government monopolizes production and/or distribution
- Excise Taxes
- Excise taxes are of most interest given specificity to tobacco products
- Specific (per unit, volume, weight) and ad valorem (based on price) excises


## Federal Tobacco Taxes

- Federal cigarette tax
- Specific (per unit) excise tax
- initially adopted in 1864
- Raised during war time/lowered during peace time
- Set at 8 cents per pack in 1951
- Doubled to 16 cents per pack in 1983
- Eventually raised to 39 cents per pack in 2002
- Less than 60\% of inflation adjusted value of 1951 tax
- Significant increase - 61.66 cents - April 1, 2009
- Earmarked for S-CHIP expansion


## Federal Tobacco Taxes

- Specific federal excise taxes on most other tobacco products, including
- cigars: \$1.0066 per pack on small cigars; $52.75 \%$ of price for low priced cigars; cap of 40.26 cents per cigar for high priced cigars
- chewing tobacco: 3.1 cents per ounce
- moist snuff: \$1.51 per pound
- roll-your-own tobacco \$24.78 per pound
- pipe tobacco: \$2.83 per pound
- rolling papers: 1.26 cents per pack
- Until latest increases, most were lower than cigarette tax; more equivalent now
- Similarly infrequent increases in taxes


## State Tobacco Taxation

- State cigarette taxes
- First adopted by IA in 1921; NC last to adopt in 1969
- Currently: 17.0 cents/pack (MO) to \$4.35/pack (NY)
- Average $\$ 1.45$ per pack ( 48.5 cents in tobacco growing states; \$1.57 in other states)
- Many considering increases


## Cigarette Taxation in NE

- Nebraska first adopted cigarette tax in 1947
- 3 cents per pack



## State Cigarette Excise Tax Rates - 2002



CDC, Office on Smoking and Health. State Tobacco Activities Tracking and Evaluation (STATE) System.

## State Cigarette Excise Tax Rates - 2003



CDC, Office on Smoking and Health. State Tobacco Activities Tracking and Evaluation (STATE) System.

## State Cigarette Excise Tax Rates - 2004



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## State Cigarette Excise Tax Rates - 2010



CDC, Office on Smoking and Health. State Tobacco Activities Tracking and Evaluation (STATE) System.

## State Tobacco Taxation

- State taxes on other tobacco products
- All but PA tax other tobacco products
- Mostly ad valorem taxes
- Typically applied to wholesaler/distributor price
- Highest taxes include:
- Wisconsin - 100\%; Washington - 95\%
- Lowest taxes include:
- South Carolina - 5\%; Tennessee 6.6\%
- Average about 35\%
- Generally below equivalent rate on cigarettes
- NE: 20\% of wholesale price for chewing tobacco; \$0.44 per ounce for moist snuff


## State and Local Cigarette Taxes and Average Price per Pack, 11/1/09



Source: Tax Burden on Tobacco, 2010, and author's calculations

## Cigarette Taxes \& Prices, United States,


$\square$ Federal Tax $\quad$ State Tax $\quad$ MSA Costs $\square$ Industry Price
Source: Tax Burden on Tobacco, 2009, and author's calculations

## Tax as Percent of Price, Nebraska \& US, 1956-2010



Source: Tax Burden on Tobacco, 2011, and author's calculations

## Taxes and Tobacco Product Prices Globally

- Tax levels and prices, vary widely across countries Price and Tax by Income Level, 2008


Source: World Health Organization, 2009

# WHO's Best Practices in Tobacco Taxation 

Set tobacco excise tax levels so that they account for at least 70 percent of the retail prices for tobacco products

- Update of World Bank 'yardstick' of any taxes accounting for $2 / 3$ to $4 / 5$ of retail prices
- Well above where most countries are currently
- Further increases in countries that do reach this target


## Cigarette Taxation in NE

- Currently $38^{\text {th }}$ highest state tax
- Less than $1 / 2$ of average
- Would need to be $\$ 1.70$ to get back to $17^{\text {th }}$ highest tax
- $\$ 6.50$ to get to total excises accounting for $70 \%$ of price


## Other Issues when Increasing Tobacco Taxes

- Adopt equivalent taxes on other tobacco products
- Minimize substitution to other products in response to cigarette tax increase
- Maximize revenue and health impact of tax increases
- Currently almost equivalent in NE
- $22 \%$ of wholesale price for cigarettes vs. $20 \%$ for other tobacco products


## Other Issues when Increasing

## Tobacco Taxes

"Inventory" or "Floor" tax

- Collect increase in taxed on products in inventory taxed under old tax rate to avoid stockpiling in anticipation of tax increase

Monthly Cigarette Shipments, Nebraska, 2002-2003


## Other Issues when Increasing Tobacco Taxes

- Adjust "discount" or "rebate" provided to stampers
- Avoids windfall for distributors who apply stamps; revenues go to state instead


## Other Issues when Increasing Tobacco Taxes

- Adopt high tech tax stamp and enforce
- Reduces tax evasion
- More than pays for itself with increases in revenues



# Other Issues when Increasing Tobacco Taxes 

- Automatically adjust for inflation
- Could be $1^{\text {st }}$ state to do so



## Impact of Tax and Price on Tobacco Use

## Prices and Tobacco Use

## Increases in tobacco product prices:

- Induce current users to try to quit
- Many will be successful in long term
- Keep former users from restarting
- Prevent potential users from starting
- Particularly effective in preventing transition from experimentation to regular use
- Reduce consumption among those who continue to use
- Lead to other changes in tobacco use behavior, including substitution to cheaper products or brands, changes in buying behavior, and compensation


## Prices and Tobacco Use

- Increases in tobacco product prices:
- $10 \%$ price increase reduces consumption by $4 \%$


## Cigarette Prices and Cigarette Sales, United States, 1970-2009



# Price (Inflation Adjusted) and Cigarette Sales, Nebraska, 1966-2010 



Source: Tax Burden on Tobacco, 2011, and author's calculations

## Prices and Tobacco Use

## - Increases in tobacco product prices:

- About half of impact on smoking prevalence
- $10 \%$ price increase reduces prevalence by 2\%


## Cigarette and Adult Smoking Prevalence US States \& DC, 2009



Source: BRFSS, Tax Burden on Tobacco, 2010, and author's calculations

## Cigarette Prices and Adult Smoking Prevalence, United States, 1970-2008



Source: NHIS, Tax Burden on Tobacco, 2009, and author's calculations Note: green data points for prevalence are interpolated assuming linear trend

## Price (Inflation Adjusted) and Adult Smoking Prevalence, NE, 1995-2009



Source: BRFSS, Tax Burden on Tobacco, 2011, and author's calculations

## Prices and Tobacco Use

## - Increases in tobacco product prices:

- Prevalence reductions result of adult users quitting
$10 \%$ price increase leads about 10\% of smokers to try to quit About 1 in 5 successfully quit


## Cigarette Prices and Cessation US States \& DC, 2009



Source: BRFSS, Tax Burden on Tobacco, 2010, and author's calculations

## Prices and Tobacco Use

## - Increases in tobacco product prices:

- Reductions in smoking intensity among those who continue to smoke
- Smoke fewer days
- Smoke fewer cigarettes on smoking days


Source: BRFSS, Tax Burden on Tobacco, 2010, and author's calculations

## Prices and Tobacco Use

## - Increases in tobacco product prices:

- Prevent youth from taking up tobacco use
- Youth 2-3 times more responsive to price than adults
- Lower incomes, peer influences, shorter smoking histories, greater emphasis on present costs
- Greatest impact in preventing youth from moving beyond experimentation into more regular smoking


Source: YRBS, Tax Burden on Tobacco, 2010, and author's calculations

## Cigarette Price and Youth Smoking Prevalence, United States, 1991-2008



Source: MTF, Tax Burden on Tobacco, 2009, and author's calculations

## Price (Inflation Adjusted) and Youth Smoking Prevalence, NE, 1991-2006



Source: NE YTS and YRBS, Tax Burden on Tobacco, 2011, and author's calculations

## Prices and Tobacco Use

## - Increases in tobacco product prices:

- Reduce death and disease caused by tobacco use


## Taxes, Prices and Health: US, 1980-2005

## Medscape



## Health Impact of Tax Increases

## Result from:

- Increased cessation following tax increase
- strong evidence that cessation improves health outcomes
- Deterred initiation resulting from tax increase - avoids all health consequences caused by tobacco use
- Additional benefits from reduced health care spending on tobacco-caused diseases


Reduction in Deaths Caused by Smoking Tax and MSA Price Increase Impact

1993-2063


## Popular Support for Tobacco Taxes

## Popular with Voters

- Tobacco Excise Tax Increases:
- Generally supported by voters
- Supported by those likely to vote for either party
- More support when framed in terms of impact on youth tobacco use
- More support when some of new revenues are used to support tobacco control and/or other health-related activities
- Comprehensive state tobacco control programs
- Expanded public health insurance programs (e.g. SCHIP; Arkansas)
- Greater support than for other revenue sources


## Earmarking for Youth Smoking Prevention Increases Support For Tobacco Tax Hikes

Would you favor or oppose an increase in the state tobacco tax?

... as part of an effort to help reduce smoking, particularly among kids

... if part of the money is used to fund programs to reduce tobacco use, particularly
among kids


## Increasing The Tobacco Tax Supported as Way To Address State Budget Deficits

As you may have heard, virtually all states are currently facing severe budget deficits. I am going to read you a list of proposals that have been suggested as a way to address the state budget deficit. After I read each one, please tell me if you FAVOR or OPPOSE that proposal.


## Industry Price Marketing

## Industry Strategies

## - Industry understands importance of tobacco taxes

"With regard to taxation, it is clear that in the US, and in most countries in which we operate, tax is becoming a major threat to our existence."
"Of all the concerns, there is one - taxation - that alarms us the most. While marketing restrictions and public and passive smoking (restrictions) do depress volume, in our experience taxation depresses it much more severely. Our concern for taxation is, therefore, central to our thinking...."

## Tobacco Marketing

- Marketing Strategies - the 4 P's:
- Product - design, packaging
- Price - including price promotions
- Place - availability, accessibility
- Promotion - advertising, sponsorship, etc.
- Most effective campaigns are wellintegrated across different dimensions of marketing


## 2006 Cigarette Marketing Expenditures by Category, United States



## Price-Related Marketing:



## Tobacco Industry Efforts to Offset Tax Increase

On February 4th, 2009, the Federal Government enacted legislation to fund the expansion of the State Children's Health Insurance Program (SCHIP) that increases excise taxes on cigarettes by $158 \%$.

As a result, you will see the price of all cigarettes, including ours, increase in retail stores.

We know times are tough, so we'd like to help. We invite you to register at Marlboro.com to become eligible for cigarette coupons and special offers using this code: MAR1558

Thank You,
Philip Morris USA

## Price-Related Cigarette Marketing and Tobacco Control

- Greater price-related marketing since the Master Settlement Agreement and related price increases (Ruel, et al., 2004; Loomis et al., 2006; FTC, 2007)
- More price-related marketing in states with greater spending on comprehensive tobacco control programs (Loomis, et al., 2006; Slater et al., 2001)
-Growing use of point-of-sale ads to highlight sales promotions (e.g. special price, special offer, cents off, reduced price, multi-pack special) (Feighery et al., 2008)



## With respect to greater price sensitivity of young people:

"The major factor contributing to CAMEL's dramatic growth among Mid-West 18-24 year old males appears to be the increased level of Mid-West promotional support, and in particular, CAMEL's targeted promotions (which were implemented the same time as the boost in CAMEL's share and completed just prior to the downward trend)."
tor contributing to CAMEL's dramatic growth among Mid-West aales appears to be the Increased level of mid-West proanand in particular, CANEL's targeted proaotions (which vere ownvard trend).

3 a high opportunity area for CNNEL (based on CNEEL's record owth there), total media and brand controlled proastional the Mid-Weat sales area was increased aigaificantly in 1985 $\$ 15.8191$ in 1934 to $\$ 21.810$ in 1985). In addition, CANEL's nd promotion strategy placed more emphasis than previous years
er adult asale smokers. Changes included increased oof support nths to 10 months) and more frequent target retail and media onotional events (such as B3G3F, "Six Pack- and CNGEL T-shirt

Nest asles area spending increase in 1985 brought it to about el of tocal proootional apending as the Pacific/Mountain sales
 Mountain in spendiag support in 1985 in terms of the ratio of port to population size ( 172 RNSA; 202 PMSA) as well as to
d voluae base (172 MUSA; 29Z PMSA). This difference in d volume base ( 172 Melsh; 29 Z PMSA). This difference in real olv asy explain the additional growth achieved in the Mid-Weat cain).
to thirtean month period beginning in March 1985 and continuy 1986, CNHEL': share in the Mid-West of 18-24 year old male d draastically. Froa a previously flat to declining share erforasice among these target saokers grew approxiastoly 10 to (froa 32 to $14 x$ ). Growth accelerated during the fourth quarest target share 1s 6.82 (versus 5.62 first half, 1985).
ovides a coaprehensive analyais of CANEL's perforaance in the vers those factors which aight explain the reasons behind perforance among mid-West $18-24$ year old aale saokers.

## Sufficient Evidence that:

Tobacco industry price discounting strategies, pricereducing marketing activities, and lobbying efforts mitigate the impact of tobacco excise tax increases.

IARC HANDBOOKS OF CANCER PREVENTION

Volume 14

Effectiveness of Tax and Price Policies for Tobacco Control

IARC
2011

This Handbook was produced within the EC-funded grant (HEALTH-F2-2009-223323): Pricing Policies and Control of Tobacco in Europe
(PPACTE)

## POS Marketing and Youth Uptake

-Significant impact of promotions on later stages of uptake

- effect rises as move to later stages of uptake -If all stores had no promotions, estimate that prevalence of current established smoking would fall by over 13\%

Promotions and Youth Smoking Uptake Simulations


Current Estahlished

## Restricting Marketing?

- Family Smoking Prevention and Tobacco Control Act, 2009
- Eliminates federal pre-emption of stronger state, local restrictions on tobacco company marketing
- Allows limits on time, place or manner of tobacco company marketing
- Comprehensive state and/or local marketing bans possible?


## Comprehensive advertising bans reduce cigarette consumption

Consumption trends, countries with bans vs. those without


Source: Saffer, 2000

## Minimum Pricing Policies

- 25 states with minimum pricing policies
- Including Nebraska
- Typically mix of minimum markups to wholesale and retail prices
- Median wholesale markup 4\% (4.75\% in NE)
- Median retail markup 8\% (8\% in NE)
- 7 states prohibit use of price promotions in minimum price calculation
- Including Nebraska
- Little impact on actual retail prices
- Greater impact where promotions excluded


## Common Oppositional Arguments

## Myths \& Facts

## Impact on Revenues

By J Scott Moody, 4/2/08, from an AP story:
AUGUSTA - "A coalition of health groups today urged lawmakers to increase the cigarette tax by a $\$ 1$ per pack, saying the increase will encourage more people to quit smoking and generate more money for health programs.

Translation: Fewer people smoking equals more cigarette tax revenue? Someone needs a math lesson."

## Cigarette Tax and Tax Revenues Georgia, 1965-2009



## Cigarette Tax and Tax Revenues Nebraska, 1965-2010



## Positive Effect of Tax Increases on Revenues Results from:

Low share of tax in price:

- In US, state taxes account for about $25 \%$ of price on average
- total taxes account for less than half of price, on average
- Implies large tax increase has much smaller impact on price

Less than proportionate decline in consumption:

- $10 \%$ price increase reduces consumption by $4 \%$


## Positive Effect of Tax Increases on Revenues

## Example

- Price $\$ 4.00$, State tax $\$ 1.00$, Sales 500 million packs
- Revenues: = \$500 million
- Doubling of tax to $\$ 2.00$ per pack raises price to $\$ 5.00$
- $100 \%$ increase in tax; $25 \%$ increase in price
- $25 \%$ price increase reduces sales by $10 \%$
- new sales 450 million packs
- $90 \%$ of original sales at double the tax increases revenues by 80\%
- new revenues $=\$ 900$ million


## Positive Effect of Tax Increases on Revenues

Example - with significant tax avoidance

- Price $\$ 4.00$, State tax $\$ 1.00$, Sales 500 million packs
- Revenues: = \$500 million
- Doubling of tax to $\$ 2.00$ per pack raises price to $\$ 5.00$
- 100\% increase in tax; 25\% increase in price
- $25 \%$ price increase reduces sales by 20\% (reduced consumption plus equivalent tax avoidance)
- new sales 400 million packs
- $80 \%$ of original sales at double the tax increases revenues by 60\%
- new revenues $=\$ 800$ million


## Sustainability of Cigarette Tax Revenues

Some suggest increases in revenues won't be sustained over time

Looked at significant state tax increases over past 20 years where increase was maintained for at least 5 years

- Separately for states with major tobacco control programs


## Sustainability of Cigarette Tax

## Revenues

-Conclusions:

- All significant state tax increases resulted
in significant increases in state tax revenues
- Nominal increases in revenues sustained over time in states without tobacco control programs
- Nominal revenues decline in states with tobacco control programs, but are significantly higher than before tax increase
- Tobacco tax revenues more predictable than other revenues


## Cigarette Tax and Tax Revenues, Montana, 1965-2010



## Cigarette Tax and Tax Revenues, Arizona, 1965-2009



# WHO "Best Practices" for Tobacco Excise Taxes 

- Earmark a portion of tobacco tax revenues for related/other tobacco control and/or health promotion efforts
- Maximizes the health impact of tobacco tax increases
- Increases public support for tax increases


## Impact on Jobs

JULY, 14, 2010 - The Associated Press

- RICHMOND, Va. - The tobacco industry is running a full-court press ahead of a federal scientific panel's meeting to discuss how to regulate menthol cigarettes, a still-growing part of the shrinking cigarette market.
- The union representing nearly 4,000 tobacco workers sent a letter to the Food and Drug Administration committee examining the public health effects of the minty smokes, warning that a ban could lead to "severe jobs loss" and black market cigarettes.


## Impact on Jobs

- Tobacco excise tax will lead to decreased consumption of tobacco products
- Small loss of jobs in tobacco sector
- Money not spent on tobacco products will be spent on other goods and services
- Gains in jobs in other sectors
- Increase in tax revenues will be spent by government
- Additional job gains in other sectors
- Net increase in jobs in states like Nebraska


## Impact on Businesses

- More recent argument that higher taxes will harm convenience stores
- New analysis
- Number of convenience stores (convenience only, gas stations, both), by state, 1997-2009
- State cigarette tax rates and smoke-free air policies
- Economic conditions (income, unemployment, gas prices)
- Multivariate, fixed effects econometric models


## Impact on Businesses

- Results:
- Positive association between state cigarette tax and number of convenience stores
- "overshifting" of cigarette tax in retail price
- Substitution of spending on cigarettes to spending on other products
- \$1.00 tax increase associated with increase of 11 stores per million population
- No impact of smoke-free policies
- Robust to alternative specifications and empirical methods


# WHO "Best Practices" for 

## Tobacco Excise Taxes

- Do not allow concerns about employment impact to prevent tobacco tax increases
- Tobacco employment often declining even where tobacco product consumption rising
- Reductions in tobacco-dependent employment are offset by increases in other sectors
- Where concerns are significant, use tax revenues to support transition from tobacco farming/manufacturing to other activities


## Tax Avoidance \& Evasion

April 1, 2008 - New York Sun

- A pack of premium cigarettes in New York City now costs $\$ 7$ or $\$ 8$; prices would rise to above $\$ 9$. Opponents of the tax increase argue that higher prices would drive smokers to seek ways to evade the law and purchase cheaper cigarettes from smugglers or in neighboring states, blunting potential revenue gains for the state. "It's a black market gold mine," a senior fellow at the Manhattan Institute, E.J. McMahon, said of the proposed tax.


## Tax Avoidance

US Smokers' Tax Avoidance, Last Purchase, 2002-2007


Source, ITC project, US survey, Waves 1-5

## Illicit Trade Does NOT Eliminate Health and Revenue Impact of Higher Taxes

Cigarette Prices and Adult Prevalence, New York, 1995-2007


Source: Tax Burden on Tobacco, 2008 and BRFSS

## Tax Increases and Tax Avoidance

Cook County Cigarette Tax and Tax Revenues - FY01-FY06


## Combating Tax Evasion

- California's high-tech tax stamp
- Adopted 2002; fully implemented 2005
- Coupled with better licensing standards
- Examined with hand-held scanners
- Thousands of compliance checks, hundreds of citations
- Generated over $\$ 124$ million in
 revenues during 20 month period (mid-2004 through late 2005)


## Efforts to Curb Tax Avoidance

Many US efforts focused on Internet, phone and mail order sales:

- Outright ban on direct sales (e.g. New York)
- Major shipping companies (e.g. UPS, Federal Express) agree not to ship cigarettes to consumers
- USPS finally adopted similar policy last year
- Major credit card companies agree to ban use of credit cards for direct cigarette purchases
- States apply Jenkins Act to identify direct purchasers and to collect taxes due
- Effective based on early data from several states
- e.g. MA collected over $\$ 4.6$ million in FY07


## Efforts to Curb Tax Avoidance

## Reservation sales similar focus in some states

- Some states (e.g. MN) impose tax on reservation sales with refund to reservation residents
- Other states (e.g. WA) enter into "compacts" with tribes that result in comparable taxes imposed on reservation sales with most/all of revenues kept by tribe
- Others apply different tax stamps for cigarettes sold to residents and non-residents of reservations
- Quota on distributor sales to reservation outlets to reflect expected resident consumption (e.g. NY)


## WHO's Best Practices in Tobacco Taxation

- Adopt new technologies to strengthen tobacco tax administration and minimize tax avoidance and evasion
- Sophisticated tax stamps
- Tracking and tracing technologies
- Production monitoring technologies


## WHO's Best Practices in Tobacco Taxation

- Strengthen tobacco tax administrators' capacity by licensing all involved in tobacco product manufacturing and distribution
- Facilitates identification of those engaged in illegal trade
- Enhances ability to penalize those engaged in illegal trade
- License suspension, revocation


## WHO's Best Practices in Tobacco Taxation

- Ensure certain, swift and severe penalties for those caught engaging in illicit trade in tobacco products
- Increased the expected costs of engaging in illicit trade
- Administrative sanctions coupled with licensing


## Impact on the Poor

July 23, 2010 - San Francisco Examiner
"Democrats are relying more heavily in their midterm 2010 election message that Republicans care nothing about the poor. Conveniently absent from this analysis is Republican opposition to President Barack Obama's cigarette tax increase...... While higher cigarette taxes do discourage smoking, they are highly regressive. Analyzing a slightly less severe proposal in 2007, the Tax Foundation noted that 'no other tax hurts the poor more than the cigarette tax.'" Peyton R. Miller, special to the Examiner.

Who Pays\& Who Benefits Impact of Federal Tax Increase, U.S., 2009


Source: Chaloupka et al., in progress; assumes higher income smokers smoke more expensive brands

## Impact on the Poor

- Need to consider overall fiscal system
- Key issue with tobacco taxes is what's done with the revenues generated by the tax
- Greater public support for tobacco tax increases when revenues are used for tobacco control and/or other health programs
- Net financial impact on low income households can be positive when taxes are used to support programs targeting the poor
- Concerns about regressivity offset by use of revenues for programs directed to poor


## WHO "Best Practices" for

## Tobacco Excise Taxes

- Do not view low taxes and prices for some tobacco products as a "pro-poor" polfcy
- Do not allow concerns about the regressivity of higher tobacco taxes to prevent tobacco tax increases
- High tobacco taxes on all tobacco products will result in greater reductions in tobacco use among the poor
- Results in a progressive distribution of the health and economic benefits that result - a truly "pro-poor" policy


## Summary and Impact of a <br> Tax Increase in Nebraska

## Summary

- Increases in tobacco prices lead to significant reductions in tobacco use
- Higher tobacco taxes are most direct option for increasing prices
- Restricting price-reducing marketing would add to impact of tax increases
- Claims of negative economic impact of tax and price increases false or greatly exaggerated


## Tobacco Taxation in NE

- Impact of raising the state cigarette excise tax by $\$ 1.35$
- Would be $15^{\text {th }}$ highest state tax
- Somewhat higher than average tax in nontobacco growing/manufacturing states
- If raised to \$1.99:
- Over $\$ 90$ million in additional tax revenues in first full year
- Almost $\$ 10$ million more if other tobacco product tax rate increased to same level
- Sustained increases in revenues over time


## Tobacco Taxation in NE

- Impact of raising the state cigarette excise tax by $\$ 1.35$
- Nearly 10,000 adult smokers would quit
- Almost 19,500 fewer kids would take up smoking
- Prevent about 8,800 premature deaths from smoking among current population
- Reduce the $\$ 738$ million spent to treat diseases caused by smoking
- \$214 million through Medicaid


## For more information:

www.bridgingthegapresearch.org
www.impacteen.org
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