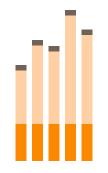
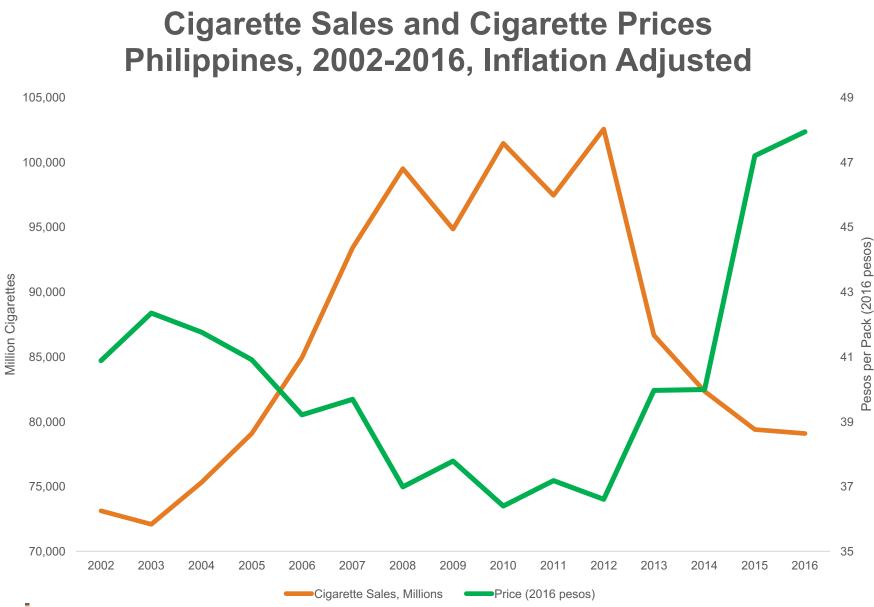


Acclerating Progress on Effective Tobacco Tax Policies in Low- and Middle-Income Countries

Frank J. Chaloupka, University of Illinois at Chicago 12th Asia Pacific Conference on Tobacco or Health 13 September 2018, Bali, Indonesia



Impact of Tobacco Tax Increases



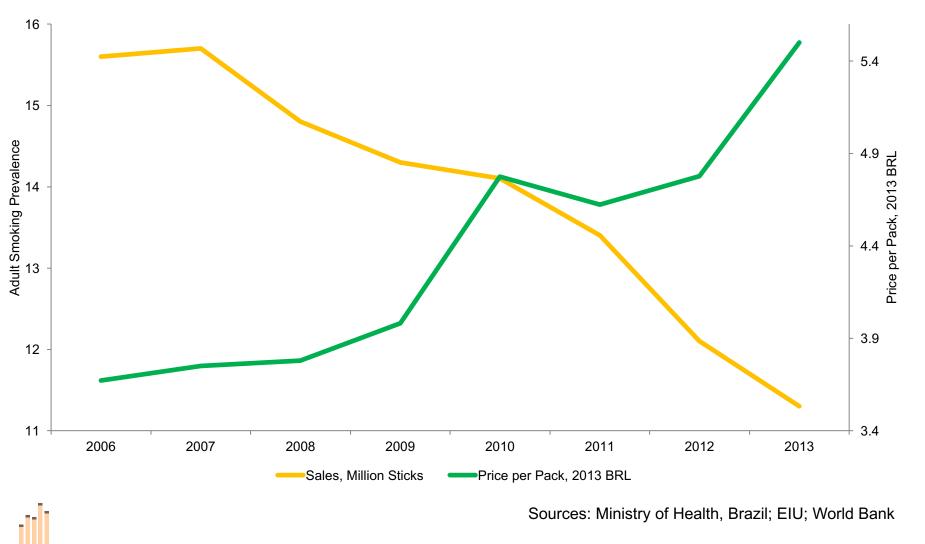
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Sources: Euromonitor, World Bank, and Authors' Calculations

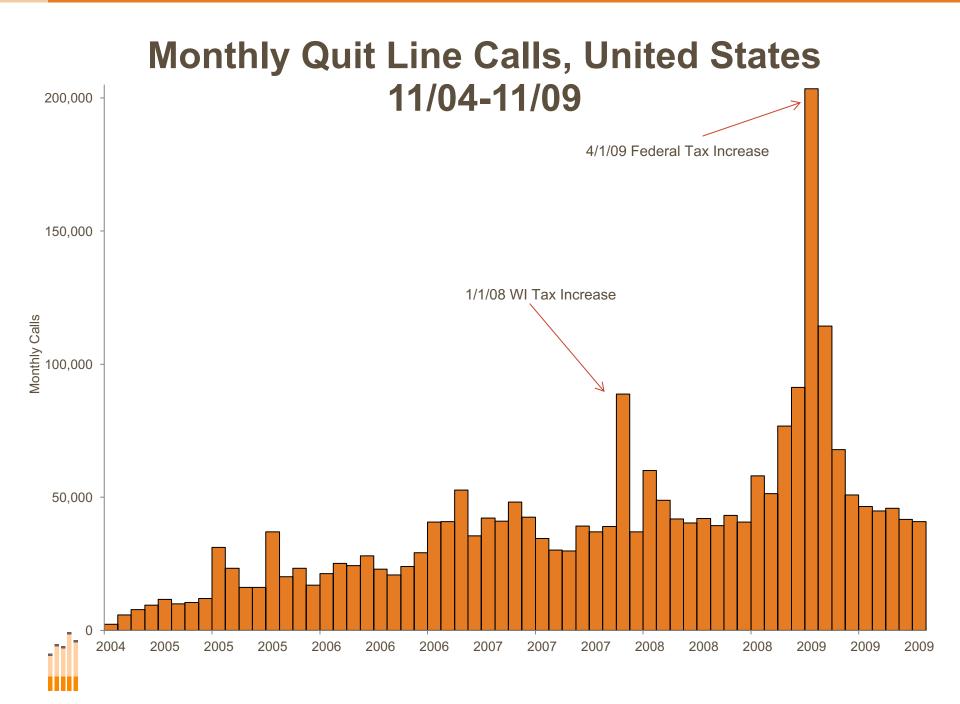
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Adult Smoking Prevalence & Price

Brazil, Inflation Adjusted, 2006-2013



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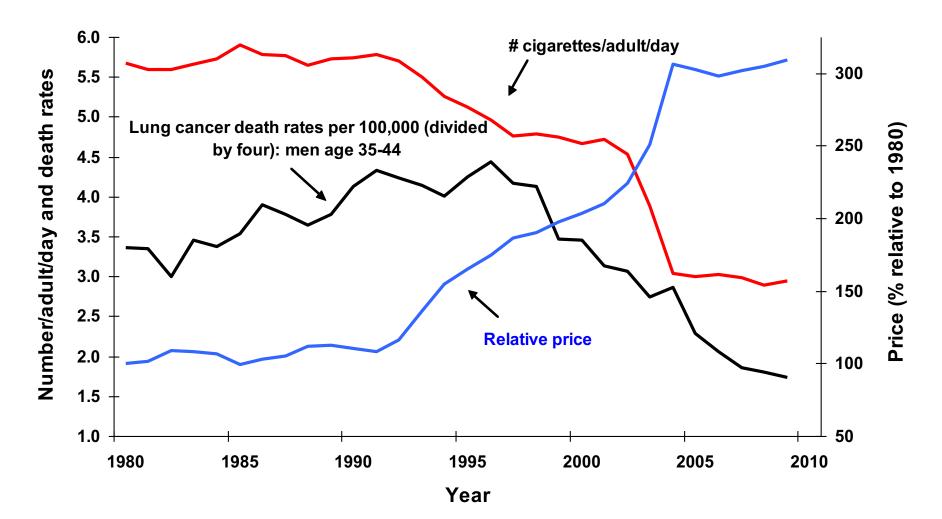


Cigarette Price & Youth Smoking Prevalence Chile, 2000-2015



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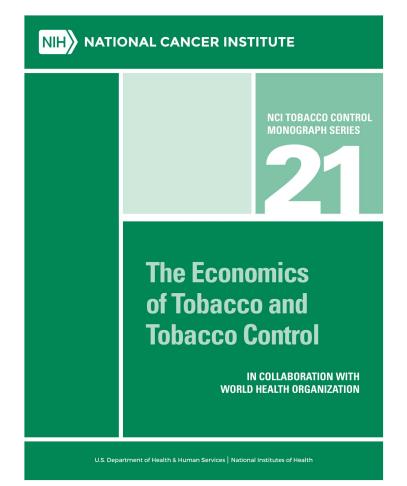
Price, Consumption & Lung Cancer, France





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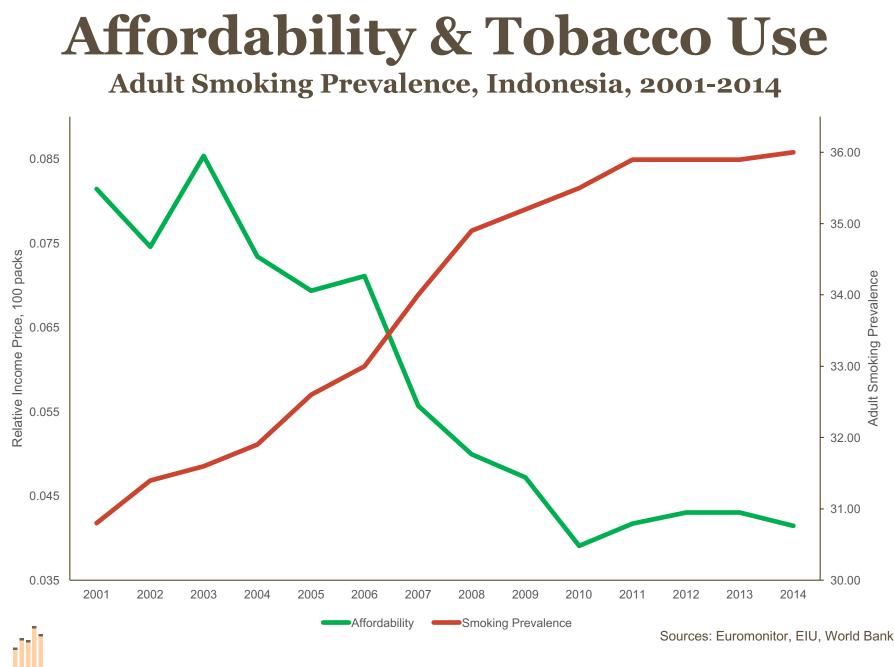
Effectiveness of Tobacco Taxes



Chapter 4, Conclusion 1:

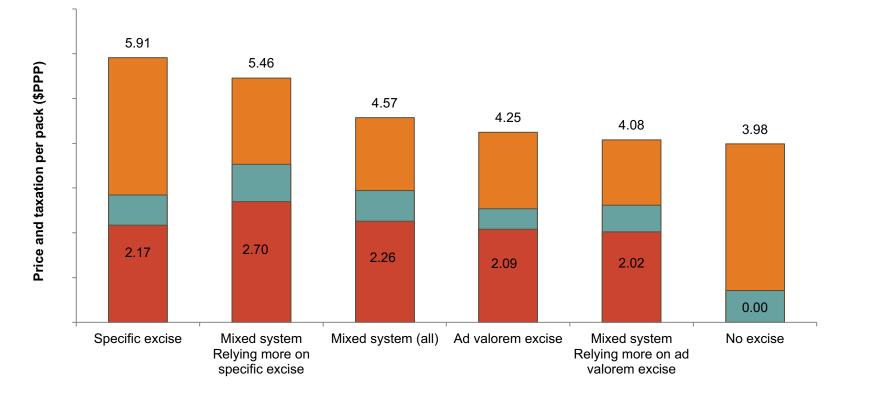
A substantial body of research, which has accumulated over many decades and from many countries, shows that significantly increasing the excise tax and price of tobacco products is the single most consistently effective tool for reducing tobacco use.





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Excise Tax Structure Important



Retail price, PPP
Other taxes, PPP

Excise tax, PPP



Source: WHO 2017 GTCR data; unpublished figure.

Notes: Averages are weighted by WHO estimates of number of current cigarette smokers ages 15+ in each country in 2015; Prices are expressed in Purchasing Power Parity (PPP) adjusted dollars or international dollars to account for differences in the purchasing power across countries. Based on prices as of July 2016 for 53 high-income, 100 middle-income and 27 low-income countries with data on prices of most sold brand, excise and other taxes, and PPP conversion factors.

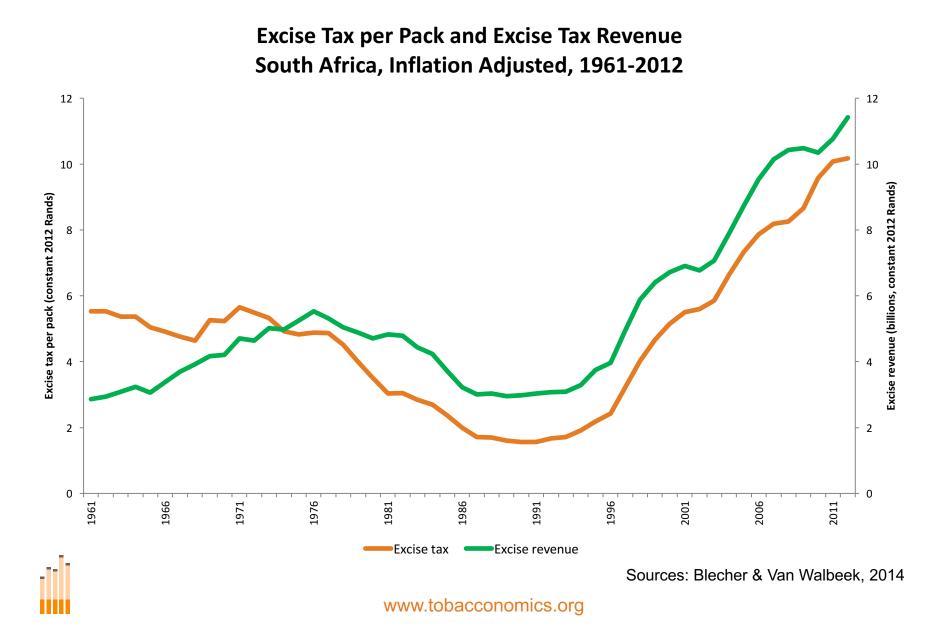
Excise Tax Structure Important

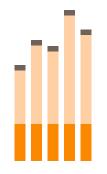
BMJ Journals

obacco Control			Latest c
ome / Online First			
	Article Text	Research paper Association between tax structure and cigarette consumption:	
	(Î) Article info	findings from the International Tobacco Control Policy Evaluation (ITC) Project	
	Citation Tools	Ce Shang ¹ , Hye Myung Lee ² , Frank J Chaloupka ^{1, 2} , Geoffrey T Fong ^{3, 4} , Mary Thompson ⁵ , Richard J O'Connor ⁶ Author affiliations +	
	Share	Abstract Background Recent studies show that greater price variability and more opportunities for tax avoidance are associated with tax	
	Responses	structures that depart from a specific uniform one. These findings indicate that tax structures other than a specific uniform one may lead to more cigarette consumption.	
	Article metrics	Objective This paper aims to examine how cigarette tax structure is associated with cigarette consumption. Methods We used survey data taken from the International Tobacco Control Policy Evaluation Project in 17 countries to conduct the analysis. Self-reported cigarette consumption was aggregated to average measures for each surveyed country and wave. The effect of tax structures on cigarette consumption was estimated using generalised estimating equations after adjusting for sociodemographic characteristics, average taxes and year fixed effects.	
	Alerts	Findings Our study provides important empirical evidence of a relationship between tax structure and cigarette consumption. We find that a change from a specific to an ad valorem structure is associated with a 6%–11% higher cigarette consumption. In addition, a change from uniform to tiered structure is associated with a 34%–65% higher cigarette consumption. The results are consistent with existing evidence and suggest that a uniform and specific tax structure is the most effective tax structure for reducing tobacco consumption.	:

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Taxes & Tax Revenues, South Africa





Economic Impact of Tobacco Control

Dispelling the Myths

Oppositional Arguments

- Massive job losses as tobacco use falls in response to higher tobacco taxes and other tobacco control policies
- Poor adversely affected by higher tobacco taxes
- Increased tax avoidance and tax evasion in response to higher taxes
 - Increasingly used against other tobacco control policies



Tobacco Control & Employment

- Tobacco control 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 tobacco tax revenues will be spent by government
 - Additional job gains in other sectors
- Net increase in jobs in most countries

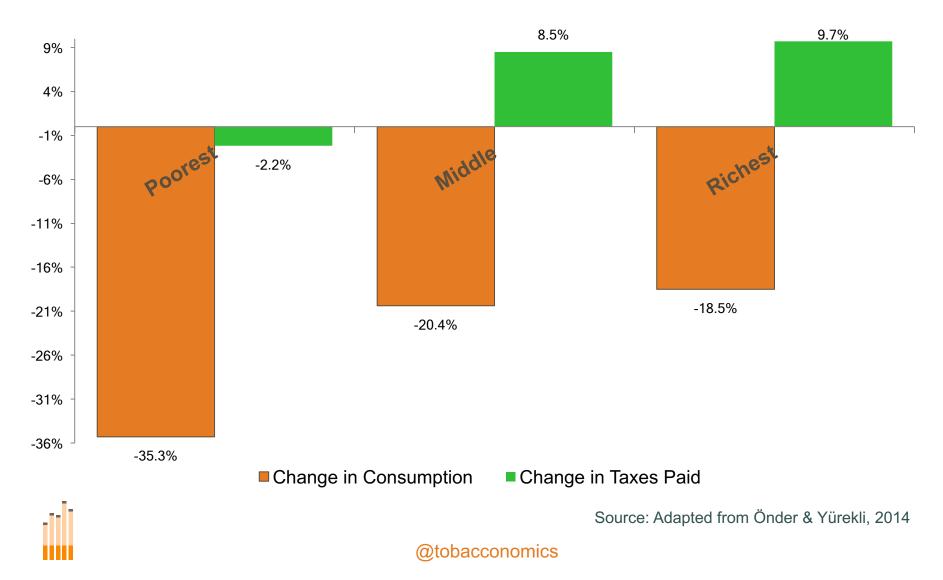


Impact on the Poor

- Concerns about the regressivity of higher tobacco taxes
 - Tobacco taxes are regressive, but tax increases can be progressive
 - Greater price sensitivity of poor relatively large reductions in tobacco use among lowest income populations, small reductions among higher income populations
 - Health benefits that result from tax increase are progressive



Who Pays & Who Benefits Turkey - 25% Tax Increase



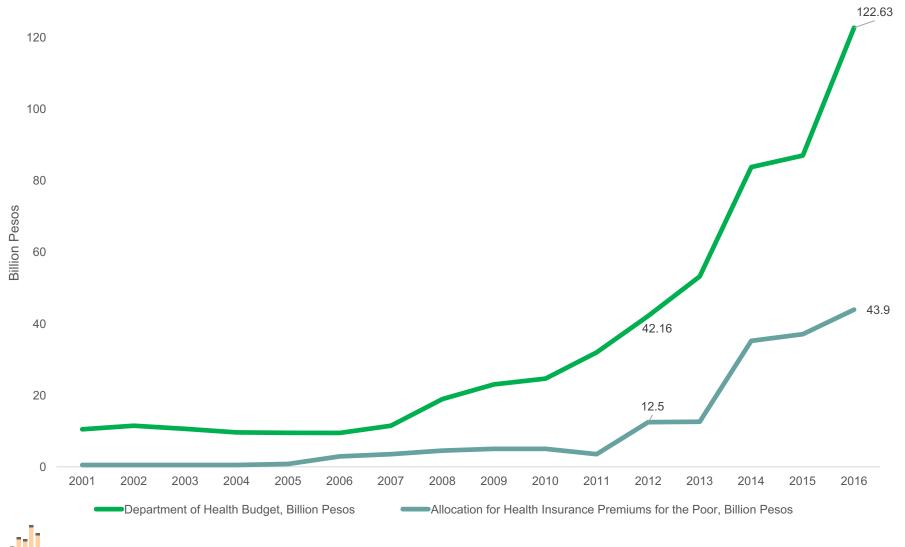
Impact of Tobacco Taxes on the Poor

Also depends on use of new tax revenues:

- 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



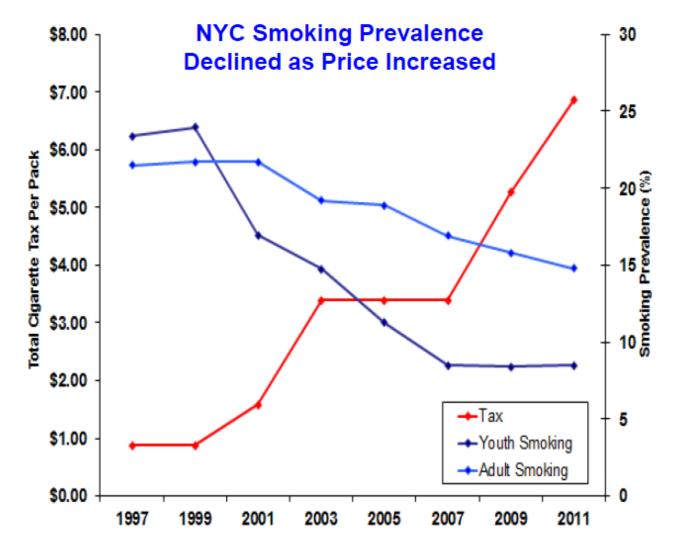
Incremental Revenues for Health and the Poor Philippines, 2001-2016



www.tobacconomics.org

Source: Adapted from Jeremias Paul, 2017

Tax Avoidance & Evasion Do NOT Eliminate Health Impact of Higher Taxes

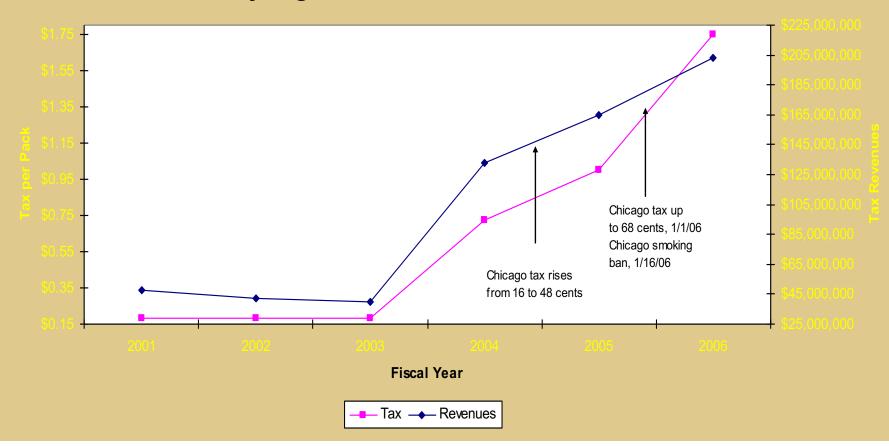




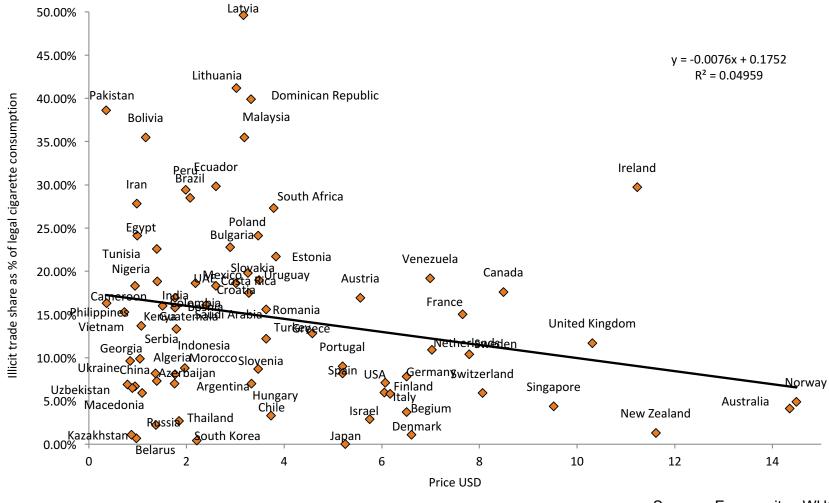
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Tax Avoidance & Evasion Do NOT Eliminate Revenue Impact of Higher Taxes

Cook County Cigarette Tax and Tax Revenues - FY01-FY06



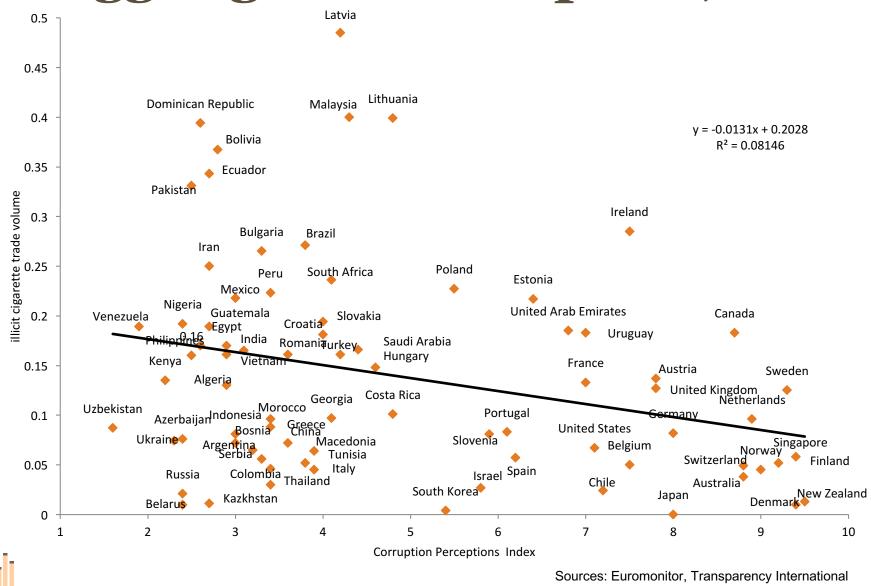
Illicit Cigarette Market Share & Cigarette Prices, 2012



www.tobacconomics.org

Sources: Euromonitor, WHO

Smuggling and Corruption, 2011

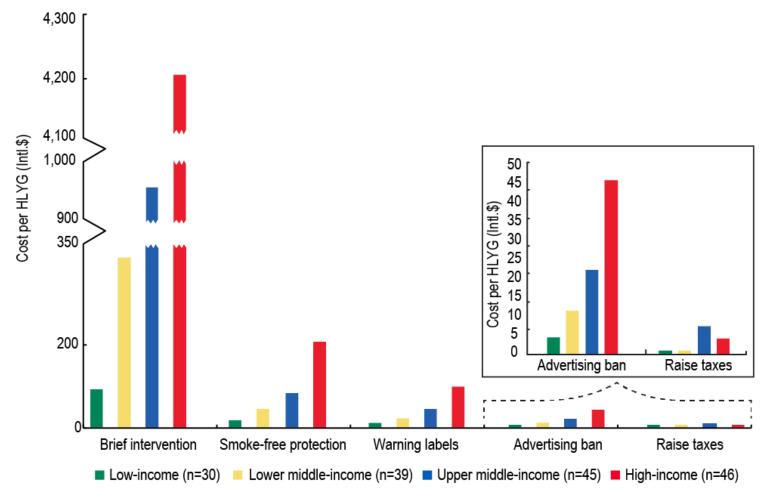


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Combating Illicit Tobacco Trade

- Illicit trade protocol to the WHO FCTC
 - Adopted November 2012; enter into force September 2018
 - Strong tax administration
 - Prominent, high-tech tax stamps and other pack markings
 - Licensing of manufacturers, exporters, distributors, retailers
 - Export bonds
 - Unique identification codes on packages
 - Better enforcement
 - Increased resources
 - Focus on large scale smuggling
 - Swift, severe penalties
 - Multilateral/intersectoral cooperation

Key Tobacco Control Policies Cost-Effectiveness



Notes: HLYG = healthy life-year gained. Country income group classification based on World Bank Analytical Classifications for 2014. Source: NCI & WHO, 2016



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Economic Impact of Tobacco Control

Tobacco tax increases and other effective tobacco control measures make good economic sense:

- Not just long-term public health, but near-term health and economic benefits
- Higher taxes and stronger tobacco control measures will not harm economies
- Substantial impact in reducing health care costs, improving productivity, and fostering economic development.



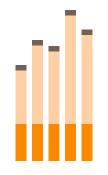
March 2014 Volume 23 Supplement 1



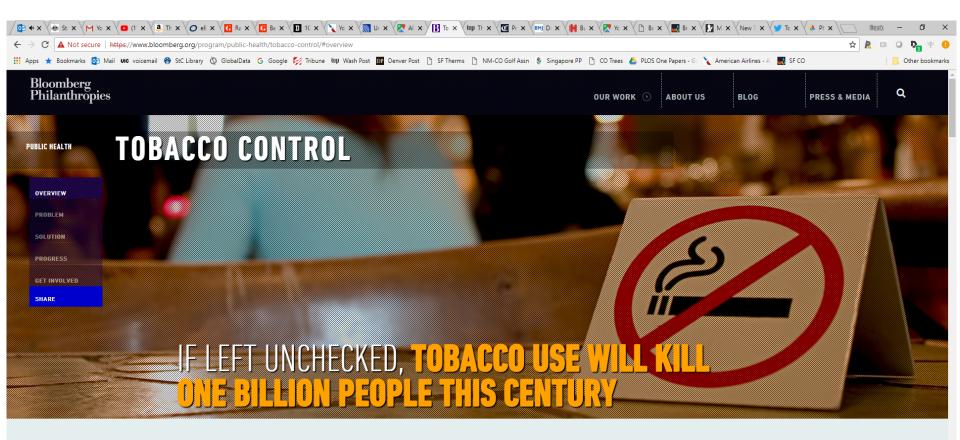


DEVELOPMENT IN PRACTICE

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Bloomberg Initiative to Reduce Tobacco Use & UIC/Tobacconomics



Bloomberg Philanthropies has committed nearly \$1 billion since 2007 to combat tobacco use worldwide.

The **Bloomberg Initiative to Reduce Tobacco Use** aims to reduce the global demand for tobacco through a comprehensive, proven approach that combines policy change with increased public awareness. Key strategies of this approach include creating smoke-free public places, banning tobacco advertising, increasing tax on tobacco products, requiring graphic pack warnings and supporting hard-hitting mass media campaigns.





Effective tobacco control measures gain momentum



Monitor tobacco use and prevention policies

Protect people from tobacco smoke

Offer help to quit tobacco use

Warn about the dangers of tobacco



Enforce bans on tobacco advertising, promotion and sponsorship

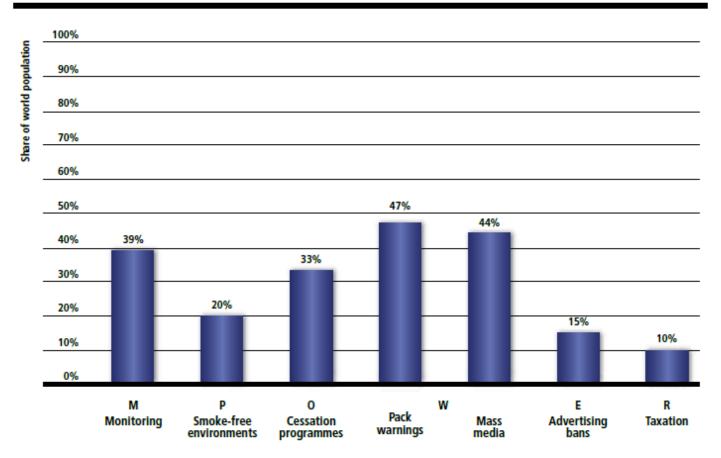


Raise taxes on tobacco



Nearly two thirds of countries – comprising 63% of the world's population – have now at least one MPOWER measure in place at the highest level of achievement.

SHARE OF THE WORLD POPULATION COVERED BY SELECTED TOBACCO CONTROL POLICIES, 2016



Bloomberg Initiative – UIC

- Build capacity of 'think tanks' in selected priority countries and regions to provide local evidence to support tobacco tax reforms and tax increases
- High-level engagement with decision makers to build technical capacity and political support for tobacco tax policy
- Develop/disseminate resources (policy briefs, white papers, etc) on tobacco taxation to build knowledge and support for tobacco tax policy





Technical Assistance



South-East Europe

- Institute of Economic Sciences, Serbia
 - Development Solutions Associates, Albania
 - Entrepreneurship and Technology Transfer Center, and the Faculty of Economics – Center for Project Management and Entrepreneurship, University of Banja Luka, Bosnia & Herzegovina
 - Faculty of Economics, Business and Tourism, University of Split, Croatia
 - Center for Political Courage, Kosovo
 - Analytica, Macedonia
 - Institute for Socio-Economic Analyses, Montenegro





Latin America

- Red Sudamerica de Economia Aplicada, Uruguay
 - iDeAS, Universidad Nacional de San Martin, Argentina
 - Instituto Torcuato di Tella, Argentina
 - Fundação Centro de Estudos do Comércio Exterior, Brazil
 - Instituto de Investigaciones Económicas, Pontificia Universidad Católica del Ecuador, Ecuador
 - Centro de Investigación en Alimentación and Desarrollo, Mexico
 - Ethos, Laboratorio de Políticas Públicas, Mexico
 - Instituto de Estudios Peruanos, Peru



Asia Pacific Region

- Perkumpulan Prakarsa, Indonesia
- Tax Centre, University of Indonesia
- Development and Policies Research Center (DEPOCEN), Vietnam
- Institute of Public Policy & Management, National Economics University, Vietnam
- Pakistan Institute of Development Economics, Pakistan
- Social Policy and Development Centre, Pakistan
- BRAC Institute for Governance and Development, Bangladesh



High Level Engagement



9:00 am – 10:30 am

> Yayasan Sayangi Tunas Cilik -Save the Children Indonesia

Context

Inequality in Asia and the International Financial Institutions (Launching of the report on inequality in Asia) Asian Peoples Movement on Debt & Development with Fight Inequality Alliance Financing Climate Change Without Contributing to Debt Crises?

Debt Justice Norway with Erlassjahr, Jubilee Debt Campaign UK Sin-Tax Policy Reform: Polic Tools to Improve Health Behaviors and Increase Financing SDG 3

Perkumpulan PRAKARSA with Health Policy Center-University of Illinois at Chicago



Resource Hub

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Policy Brief | February 2018

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Tobacco & Poverty

Tobacco Use Makes the Poor Poorer; Tobacco Tax Increases

* 0

Introduction

higher taxes is widely recogniz

Can Change That

Introduction

Tobacco use is the world's preventable diseases and u disproportionate amount disability caused by addict poor and uneducated peop While public health efforts instrumental in reducing tobacco use, a growing un consumer behaviors, espe point to opportunities for a reductions in global tobac

This brief looks at the imp tobacco taxation on the po The findings in this brief a a comprehensive report fi Cancer Institute (NCI) and Organization (WHO) on th tobacco and tobacco contr and middle-income count

Global Impacts of T

Approximately 21% of population aged 15 an billion people) are cur about 35% of males an Tobacco is a highly addicti vast majority of users smo estimated 7% of youth age smoke cigarettes, includin and 4.5% of girls.

Tobacco use is estimated t deaths among persons age worldwide. This represent from noncommunicable di

Tobacconomics Policy Brief

Increasing the price of tobacco tobacconomics

Tobacco Products Are Becoming

Increasingly Affordable in Bangladesh

policy for reducing tobacco use. revenues. One key challenge, ho affordability of tobacco product most. Affordability is the price of products in relation to the incon users. So even if prices go up via incomes have risen at a greater r of increasing taxes is reduced, or eliminated. Thus, it is important **Sustainable Development Goals** increase taxes, but to increase ta the price of tobacco products inc over and above the rate of inflati growth. This strategy would make products less affordable over tin tobacco consumption and preva improve public health.

This Policy Brief is based on a su recently published research pape affordability trends of cigarettes smokeless tobacco products in B country that graduated from low middle-income status in 2015.

Methods

The data for this study came prin waves of the nationally-represe

Tobacconomics Policy Brief | www

Tobacco Taxation Can Reduce Tobacco Consumption and Help Achieve

Introduction

A substantial body of research shows that significantly increasing the taxes and prices of tobacco products is the single most effective way to reduce tobacco use and its devastating health consequences.ⁱ A tax increase that raises prices by 10% can reduce tobacco consumption on average by 5% in low and middle income countries (LMICs)."

nic Research Informing Tobacco Control Policy

Tobacco also poses a threat to development, especially in the LMICs that have the highest rates of tobacco use. The global economic costs from smoking due to medical expenses and lost productivity in 2012 alone totaled over \$1.4 trillion dollars."

Besides the growing recognition of the obvious harmful effects of tobacco on health and healthcare, there is a noticeable international movement recognizing the harmful effects of

United Nations (UN) 2030 Agenda for Sustainable Development has set 17 Sustainable Development Goals (SDGs) and 169 related targets. One of those targets focuses specifically on tobacco, and urges "strengthened implementation of the Framework Convention on Tobacco Control (FCTC)." The FCTC is an international treaty created under the auspices of the World Health Organization (WHO). It focuses on reducing the demand and supply of tobacco products. In order to finance the SDGs, the Addis Ababa Action Agenda of the Third International Conference on Financing for Development noted that "price and tax measures on tobacco can be an effective and important means to reduce tobacco consumption and healthcare costs and represent a revenue stream for financing for development in many countries".

tobacco use on sustainable development. The

Raising tobacco excise tax by 1 International Dollar (about US\$ 0.80) in all countries would:

itc

WATERLOG

Policy Brief | April 2018





cigarette prices by 42% globally epresenting an extra US8 141 billion Source: WHO

public health

prevalence by 9% presenting 66M

Tobacconomics Policy Brief | www.tobacconomics.org | @tobacconomics

Indonesia Tobacco Tax Policy Options

The tobacco excise tax is established in the Excise Law 11/1995 and amended in Law 39/2007. The tobacco excise tax law sets a maximum excise tax at 57% of the 'retail sales price', with the law allowing for ministerial regulations to further define the base price. The Ministry of Finance (MoF) has the authority to establish the tobacco excise tax structure and rates within this maximum tax rate.

The current Indonesian tobacco excise tax is a multi-tiered specific tax. The MoF applies an excise tax rate based on the HJE, a government set retail price. The 57% cap applies to each tier, based on a ruling by the constitutional court.



Economic Research Informing Tobacco Control Policy

Estimating a Laffer Model for Tobacco Excise Tax in Indonesia

German Rodriguez-Iglesias and Evan Blecher

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ration

Health Policy Center, Univ

Policy Brief | August 2018

tobacconomics

Draft | Julio 2018

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HJE and stay within

health.

es for the

Estructura Impositiva del Tabaco en Argentina

Estructura Impositiva de los Cigarrillos

Los impuestos a los productos de tabaco se distinguen entre impuestos generales al consumo (Impuesto al Valor Agregado - IVA) e impuestos especiales (Impuesto Adicional de Emergencia - IAE, Fondo Especial del Tabaco - FET) e Impuesto Interno - II). Los cuatro impuestos son recaudados a nivel federales. Tanto el monto recaudado en concepto de IVA como el II es distribuido de acuerdo con el Régimen de Coparticipación, que reparte los ingresos recaudados a los Gobiernos Provinciales y Federal. El IAE y el FET poseen mecanismos de asignación específica de recursos.

La estructura tributaria sobre el consumo de cigarrillos en Argentina es muy compleja. El origen de los tributos que gravan la actividad a nivel nacional es disímil, difuso, la denominación no está armonizada y las bases imponibles difieren significativamente. Pareciera ser que el esquema está diseñado para evitar la doble tributación. La única excepción clara a esta regla es el Impuesto Adicional de Emergencia.

Llamemos PVC al precio de venta al consumidor final de un paquete de 20 unidades, a continuación, se describen cada uno de los tributos.

a) Impuesto Adicional de Emergencia

El Impuesto Adicional de Emergencia (IAE) fue creado por la ley 24.625 sancionada el 28 de diciembre de 1995. El artículo 1 de la norma original establece.

"Crease un impuesto adicional de emergencia del VEINTIUNO POR CIENTO (21%) sobre el precio final de venta de cada paquete de cigarrillos vendido en el territorio nacional."

Como la base imponible es el precio de venta final, el LAE produce una doble tributación pues el monto se calcula también sobre otros tributos. En cambio, la ley establece que este tributo no forma parte de la base imponible de Impuestos Internos, Impuesto al Valor Agregado, ni Fondo Especial del Tabaco. Su cómputo responde entonces a la expresión,

 $IAE = t_{IAE} PVC$

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