

Supplementary Material

Geospatial, racial, and educational variation in firearm mortality in the USA, Mexico, Brazil, and Colombia, 1990–2015: a comparative analysis of vital statistics data

CONTENTS	Page
Table S.1: ICD-9 and ICD-10 codes for firearm deaths, by intent.....	2
Table S.2: High- and low-burden states for firearm deaths, by country, sex, age group, and period.....	3-14
Figure S.1: Total deaths from firearms, by intent, in the US, Mexico, Brazil, and Colombia, 1990-2015.....	15
Table S.3: Age-specific firearm death rates (per 100,000) at ages 15-34 in the US, Mexico, Brazil and Colombia by sex and state, 2010-2015.....	16-20
Table S.4: Risk of dying from firearm homicide and from all causes among males at ages 25-34 years by education, nationally, and in selected subpopulations in the US, Mexico, Brazil, and Colombia, 2000-2015.	21
Figure S.2: Firearm death rates and risks of death in the US, Mexico, Brazil, and Colombia, by sex and age, 1990-2015.....	22
Figure S.3: Trends in the risk of dying from firearm homicide among males at ages 25-34 years by education and selected subgroups in the US, Mexico, Brazil and Colombia, 2000-2015.....	23
Figure S.4: Risk of a 15-year-old male dying from firearms (shaded) and from any cause (white) at ages 15-34 years, in high-burden states (A) and by racial group in the US and Brazil (B).....	24

Table S.1: ICD-9 and ICD-10 codes for firearm deaths, by intent

Type of Injury	ICD-9 Code	ICD-10 Code
Firearm suicide	955	X72-X74
Intentional self-harm by handgun discharge	955	X72
Intentional self-harm by rifle, shotgun and larger firearm discharge	955	X73
Intentional self-harm by other and unspecified firearm discharge	955	X74
Firearm homicide	965	X93-X95
Assault by handgun discharge	965	X93
Assault by rifle, shotgun and larger firearm	965	X94
Assault by other and unspecified firearm	965	X95
Undetermined intent	985	Y22-Y24
Handgun discharge, undetermined intent	985	Y22
Rifle, shotgun and larger firearm discharge, undetermined intent	985	Y23
Other and unspecified firearm discharge, undetermined intent	985	Y24
Unintentional shooting	922	W32-W34
Handgun discharge	922	W32
Rifle, shotgun and larger firearm discharge	922	W33
Discharge from other and unspecified firearm	922	W34

Table S.2: High- and low-burden states for firearm deaths, by country, sex, age group, and period

Panel A1: United States (males)

	<i>1990-1994</i>	<i>1995-1999</i>	<i>2000-2004</i>	<i>2005-2009</i>	<i>2010-2015</i>
	<i>High-burden states</i>				
Males, 0-14	District of Columbia	District of Columbia	Alaska	District of Columbia	Alaska
	Montana	Montana	Montana	Alaska	Wyoming
	Alaska	Alaska	Arkansas	West Virginia	Montana
	Louisiana	Mississippi	Mississippi	Louisiana	Louisiana
	Alabama	Arkansas	Louisiana	Idaho	Arkansas
	Mississippi	Oklahoma	Tennessee	New Mexico	Oklahoma
	Arizona	Idaho	Delaware	Montana	Mississippi
	Arkansas	Tennessee	North Dakota	Oklahoma	District of Columbia
	Wyoming	North Dakota	South Dakota	Missouri	Idaho
	North Dakota	Alabama	South Carolina	Alabama	West Virginia
Males, 15-34	District of Columbia	District of Columbia	District of Columbia	District of Columbia	Louisiana
	Louisiana	Louisiana	Louisiana	Louisiana	District of Columbia
	Mississippi	Alaska	Alaska	Alaska	Alaska
	Nevada	Nevada	Maryland	Alabama	Mississippi
	Alabama	Mississippi	Mississippi	Mississippi	Alabama
	Missouri	Maryland	Arizona	Maryland	Missouri
	Alaska	Arizona	Alabama	Arizona	Wyoming
	Tennessee	Alabama	Nevada	Tennessee	South Carolina
	Texas	Tennessee	New Mexico	Arkansas	Tennessee
	Maryland	New Mexico	Tennessee	Missouri	Arkansas
Males, 35-54	District of Columbia	District of Columbia	District of Columbia	District of Columbia	Louisiana
	Nevada	Nevada	Mississippi	Wyoming	Alabama
	Louisiana	Mississippi	Wyoming	Mississippi	Mississippi
	Mississippi	Alabama	Alabama	Alabama	Montana
	Alabama	Louisiana	West Virginia	Louisiana	Oklahoma
	Tennessee	Arizona	Louisiana	Tennessee	Arkansas
	Texas	New Mexico	Alaska	Alaska	West Virginia
	Georgia	Tennessee	New Mexico	Arkansas	Alaska
	Arizona	Arkansas	Nevada	West Virginia	Wyoming
	Arkansas	Alaska	Arizona	Montana	Missouri
Males, 55-74	Nevada	Nevada	Nevada	Nevada	Montana
	Wyoming	Alabama	Montana	Tennessee	Nevada
	Montana	Mississippi	Idaho	Wyoming	Arkansas
	Alabama	Wyoming	Alabama	Mississippi	Tennessee
	Mississippi	Montana	New Mexico	Alabama	Wyoming
	Idaho	Tennessee	Tennessee	Idaho	Utah
	Tennessee	West Virginia	West Virginia	Montana	Alaska
	Georgia	Georgia	Wyoming	New Mexico	New Mexico
	Arizona	Louisiana	Mississippi	Arizona	Kentucky
	Kentucky	Idaho	Georgia	West Virginia	Idaho
Males, 75+	Nevada	Wyoming	Nevada	Alaska	Wyoming
	Wyoming	Montana	Wyoming	Wyoming	Nevada
	Idaho	Nevada	Oregon	Nevada	Montana
	Montana	Idaho	Idaho	Montana	Idaho
	Georgia	Alaska	Arizona	Idaho	Oregon
	Oregon	Oregon	New Mexico	Arizona	Mississippi
	Arizona	Arizona	Montana	New Mexico	New Mexico
	Alabama	Kentucky	Vermont	Oregon	West Virginia
	Kentucky	Colorado	Georgia	Georgia	Alaska
	Oklahoma	West Virginia	West Virginia	Colorado	Tennessee

Panel A2: United States (males)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
			<i>Low-burden states</i>		
Males, 0-14	Iowa Minnesota Connecticut New Hampshire New York Pennsylvania Massachusetts New Jersey Rhode Island Hawaii	Minnesota Iowa New York Connecticut Rhode Island Vermont New Hampshire New Jersey Massachusetts Hawaii	Iowa Maine Rhode Island New York Vermont New Hampshire Massachusetts New Jersey Connecticut Hawaii	Vermont Maine New Jersey New York Massachusetts Connecticut Rhode Island New Hampshire Wyoming Hawaii	Maryland California Iowa New Hampshire New York New Jersey Massachusetts Delaware Rhode Island Hawaii
Males, 15-34	North Dakota Minnesota Iowa Maine New Hampshire Delaware New Jersey Rhode Island Massachusetts Hawaii	North Dakota Minnesota Delaware Iowa Maine New Hampshire New Jersey Rhode Island Massachusetts Hawaii	Washington Minnesota New Jersey Rhode Island Connecticut Maine Iowa New Hampshire Massachusetts Hawaii	New York Connecticut Vermont Minnesota Rhode Island Iowa Maine Massachusetts New Hampshire Hawaii	Washington Maine Minnesota Connecticut New Hampshire Iowa New York Rhode Island Massachusetts Hawaii
Males, 35-54	Maine Delaware North Dakota Minnesota Iowa Connecticut Rhode Island Massachusetts Hawaii New Jersey	New Hampshire Minnesota Illinois Iowa New York Connecticut Hawaii Rhode Island New Jersey Massachusetts	California Illinois Maine Minnesota Connecticut New York Rhode Island New Jersey Hawaii Massachusetts	California New Hampshire Iowa Illinois Connecticut New York New Jersey Rhode Island Hawaii Massachusetts	Iowa Minnesota Illinois California Connecticut New York New Jersey Rhode Island Hawaii Massachusetts
Males, 55-74	Wisconsin Delaware Iowa Illinois Connecticut New York Hawaii Rhode Island New Jersey Massachusetts	Iowa Illinois Minnesota New Hampshire Connecticut New York New Jersey Rhode Island Massachusetts Hawaii	Illinois Delaware Minnesota Connecticut District of Columbia Hawaii New Jersey New York Rhode Island Massachusetts	Minnesota Maryland Illinois District of Columbia Rhode Island New York Connecticut New Jersey Massachusetts Hawaii	Maryland Delaware Illinois Connecticut Hawaii District of Columbia New York Rhode Island New Jersey Massachusetts
Males, 75+	Delaware Minnesota Alaska Connecticut North Dakota New York New Jersey Massachusetts Rhode Island Hawaii	New Hampshire Illinois Minnesota Connecticut District of Columbia New Jersey Massachusetts New York Rhode Island Hawaii	Illinois Iowa Connecticut North Dakota New Jersey New York Massachusetts Rhode Island Hawaii District of Columbia	Wisconsin Illinois North Dakota Connecticut District of Columbia New Jersey Rhode Island New York Hawaii Massachusetts	Illinois Minnesota South Dakota Connecticut New Jersey New York District of Columbia Rhode Island Massachusetts Hawaii

Panel A3: United States (females)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
	<i>High-burden states</i>				
Females, 0-14	District of Columbia Wyoming Idaho South Dakota Alabama Louisiana Georgia Arkansas Oklahoma Texas	Idaho Louisiana District of Columbia Oklahoma Arkansas Mississippi Tennessee Colorado Nevada Arizona	District of Columbia Alaska Montana New Mexico Louisiana Nevada Mississippi Kansas Arizona West Virginia	Montana Alaska Arkansas Missouri Oklahoma Alabama South Dakota Nevada Arizona Louisiana	Alaska Louisiana Missouri Montana Wyoming West Virginia Arkansas District of Columbia New Mexico Kentucky
Females, 15-34	District of Columbia Louisiana Alaska Mississippi Nevada Arkansas Alabama Tennessee Georgia South Carolina	District of Columbia Alaska Louisiana Nevada Mississippi Alabama Oklahoma Arkansas Arizona New Mexico	Alaska District of Columbia Louisiana Mississippi Alabama New Mexico Nevada Tennessee South Carolina Arizona	Louisiana Alabama Mississippi Alaska Arizona West Virginia South Carolina Arkansas Oklahoma Nevada	Alaska Louisiana Oklahoma Montana Alabama Mississippi South Carolina Arkansas Tennessee Wyoming
Females, 35-54	Nevada Arkansas District of Columbia Alabama Mississippi South Carolina Louisiana New Mexico Arizona Alaska	Nevada Oklahoma Alabama District of Columbia Arkansas Louisiana Arizona Alaska Mississippi South Carolina	Alabama Mississippi Tennessee South Carolina Arkansas Arizona West Virginia Nevada Louisiana Alaska	Wyoming Alabama Mississippi Tennessee Louisiana Arkansas West Virginia Alaska Montana Oklahoma	Alaska Wyoming Mississippi Montana Alabama Oklahoma West Virginia Louisiana Arkansas Tennessee
Females, 55-74	Nevada Mississippi Alabama Louisiana Georgia Arizona Texas New Mexico Tennessee Kentucky	Alaska Nevada Mississippi Alabama South Carolina Oklahoma Wyoming Tennessee Georgia Arizona	Alabama South Carolina Arkansas Georgia Alaska Nevada Arizona Idaho Mississippi Oklahoma	Nevada Alabama Tennessee Mississippi Louisiana Wyoming West Virginia Georgia Arizona Kentucky	Mississippi Oklahoma Arizona Alabama South Carolina Tennessee Nevada Alaska Arkansas Louisiana
Females, 75+	Wyoming Alabama Tennessee Texas Arizona Mississippi Louisiana Nevada District of Columbia Georgia	Alaska Nevada Alabama New Mexico Louisiana Arkansas Oklahoma Georgia Vermont Idaho	Nevada Wyoming Alabama Arizona Arkansas District of Columbia New Mexico Tennessee Texas Oregon	Nevada Georgia Arizona Maine Colorado Idaho Alabama Kentucky West Virginia Oklahoma	Nevada Alaska Arizona Louisiana South Carolina Montana New Mexico Georgia Oregon Idaho

Panel A4: United States (females)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
	<i>Low-burden states</i>				
Females, 0-14	Iowa Connecticut New Jersey Pennsylvania Massachusetts Maine Delaware North Dakota New Hampshire Hawaii	New Mexico Minnesota Utah Connecticut New York New Jersey Massachusetts Wyoming North Dakota New Hampshire	Minnesota Connecticut Nebraska Massachusetts Utah New Jersey Vermont Delaware Maine New Hampshire	New York New Jersey Oregon Massachusetts Iowa Wyoming Vermont North Dakota Rhode Island Hawaii	Pennsylvania California Delaware Rhode Island New Jersey Minnesota Hawaii New York Massachusetts Vermont
Females, 15-34	South Dakota Wisconsin New Hampshire North Dakota Minnesota Iowa Hawaii Rhode Island Massachusetts New Jersey	Minnesota Iowa North Dakota New York Delaware Hawaii Connecticut New Jersey Rhode Island Rhode Island Massachusetts	Minnesota Iowa New Hampshire New York New Jersey Connecticut Hawaii Rhode Island Massachusetts Vermont	North Dakota Maine Minnesota Iowa Connecticut New Jersey New York Hawaii Massachusetts Rhode Island	New Hampshire District of Columbia California North Dakota New Jersey Rhode Island Connecticut New York Massachusetts Hawaii
Females, 35-54	New York Connecticut Minnesota Iowa Hawaii South Dakota Rhode Island Delaware New Jersey Massachusetts	Iowa Illinois Wisconsin Minnesota Connecticut New Jersey Hawaii New York Massachusetts Rhode Island	Minnesota Illinois New Hampshire Iowa Rhode Island Connecticut New York Hawaii New Jersey Massachusetts	Minnesota North Dakota Illinois Delaware Connecticut Rhode Island New Jersey Hawaii New York Massachusetts	California Maryland Illinois District of Columbia Rhode Island Connecticut Hawaii New York Massachusetts New Jersey
Females, 55-74	Maine Nebraska Iowa Minnesota Connecticut New Jersey New York Massachusetts Rhode Island Hawaii	Delaware District of Columbia Rhode Island South Dakota Nebraska Hawaii New York New Jersey New Hampshire Massachusetts	Iowa New Jersey District of Columbia Hawaii Vermont New York Connecticut Massachusetts Rhode Island South Dakota	New Hampshire Illinois District of Columbia North Dakota Massachusetts New York Connecticut Rhode Island New Jersey Hawaii	Illinois Maryland District of Columbia Minnesota Connecticut Rhode Island New York Hawaii New Jersey Massachusetts
Females, 75+	Vermont Nebraska Massachusetts Connecticut Iowa New York Maine Hawaii New Hampshire North Dakota	New Jersey New Hampshire Nebraska Rhode Island Minnesota New York New York Iowa Massachusetts Connecticut North Dakota	Minnesota Hawaii South Dakota Wisconsin New York Rhode Island Massachusetts Alaska Maine North Dakota	Hawaii Montana Connecticut South Dakota Iowa Nebraska Massachusetts Alaska North Dakota Rhode Island	New Jersey Connecticut District of Columbia Vermont Kansas New York Massachusetts Nebraska North Dakota Rhode Island

Panel B1: Mexico (males)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
<i>High-burden states</i>					
Males, 0-14	Zacatecas Oaxaca Michoacán Colima Nayarit Chihuahua	Michoacán Durango Oaxaca Guerrero Chihuahua Sinaloa	Michoacán Chihuahua Guerrero Oaxaca Nayarit Sinaloa	Chihuahua Guerrero Nayarit Michoacán Durango Sinaloa	Chihuahua Guerrero Sinaloa Oaxaca Tamaulipas Durango
Males, 15-34	Oaxaca Michoacán Sinaloa Nayarit Durango Guerrero	Guerrero Sinaloa Chihuahua Michoacán Oaxaca Durango	Sinaloa Guerrero Chihuahua Michoacán Baja California Durango	Chihuahua Sinaloa Guerrero Durango Baja California Michoacán	Chihuahua Guerrero Sinaloa Durango Tamaulipas Nayarit
Males, 35-54	Oaxaca Michoacán Guerrero Durango Sinaloa Nayarit	Guerrero Oaxaca Michoacán Sinaloa Durango Baja California	Guerrero Sinaloa Michoacán Oaxaca Durango Chihuahua	Chihuahua Guerrero Sinaloa Durango Michoacán Baja California	Chihuahua Guerrero Sinaloa Durango Colima Nayarit
Males, 55-74	Michoacán Oaxaca Guerrero Durango Nayarit Sinaloa	Guerrero Michoacán Oaxaca Sinaloa Durango Morelos	Guerrero Michoacán Nayarit Chihuahua Oaxaca Sinaloa	Guerrero Chihuahua Michoacán Sinaloa Durango Oaxaca	Guerrero Chihuahua Sinaloa Durango Oaxaca Colima
Males, 75+	Chihuahua Durango Baja California Distrito Federal Michoacán Guerrero	Baja California Chihuahua Sinaloa Durango Guerrero Baja California Sur	Chihuahua Guerrero Durango Sonora Colima Coahuila	Chihuahua Baja California Guerrero Durango Michoacán Baja California Sur	Chihuahua Sinaloa Nayarit Guerrero Durango Baja California
<i>Low-burden states</i>					
Males, 0-14	Chiapas Aguascalientes Baja California Sur Veracruz Nuevo León Quintana Roo	Tabasco Nuevo León Aguascalientes Yucatán Quintana Roo Baja California Sur	Aguascalientes Nuevo León Tabasco Quintana Roo Campeche Yucatán	Querétaro Campeche Quintana Roo Aguascalientes Colima Yucatán	Querétaro Tabasco Tlaxcala Yucatán Quintana Roo Aguascalientes
Males, 15-34	Tabasco Tlaxcala Nuevo León Aguascalientes Baja California Sur Yucatán	Hidalgo Tlaxcala Quintana Roo Nuevo León Aguascalientes Yucatán	Tabasco Tlaxcala Quintana Roo Nuevo León Aguascalientes Yucatán	Campeche Aguascalientes Baja California Sur Querétaro Tlaxcala Yucatán	Quintana Roo Aguascalientes Querétaro Campeche Tlaxcala Yucatán
Males, 35-54	Tabasco Aguascalientes Tlaxcala Baja California Sur Nuevo León Yucatán	Quintana Roo Tlaxcala Aguascalientes Baja California Sur Nuevo León Yucatán	Quintana Roo Nuevo León Tabasco Aguascalientes Yucatán Tlaxcala	Campeche Baja California Sur Querétaro Quintana Roo Tlaxcala Yucatán	Campeche Quintana Roo Aguascalientes Tlaxcala Querétaro Yucatán
Males, 55-74	Tabasco Aguascalientes Campeche Querétaro Yucatán Tlaxcala	Quintana Roo Baja California Sur Tabasco Tlaxcala Yucatán Aguascalientes	Nuevo León Querétaro Yucatán Tabasco Campeche Tlaxcala	Quintana Roo Tabasco Nuevo León Coahuila Aguascalientes Yucatán	Tabasco Aguascalientes Campeche Baja California Sur Tlaxcala Yucatán
Males, 75+	Campeche Veracruz Querétaro Tlaxcala Yucatán Baja California Sur	Quintana Roo Veracruz Querétaro Hidalgo Tlaxcala Yucatán	Yucatán Veracruz Quintana Roo Tabasco Campeche Baja California Sur	Quintana Roo Tlaxcala Puebla Yucatán Tabasco Campeche	Guanajuato Veracruz Chiapas Tlaxcala Baja California Sur Yucatán

Panel B2: Mexico (females)

1990-1994

1995-1999

2000-2004

2005-2009

2010-2015

High-burden states

Females, 0-14	Oaxaca	Chihuahua	Colima	Guerrero	Chihuahua
	Michoacán	Zacatecas	Nayarit	Chihuahua	Guerrero
	Chihuahua	Baja California	Sinaloa	Sinaloa	Durango
	Morelos	Oaxaca	Durango	Oaxaca	Coahuila
	Durango	Campeche	Michoacán	Tabasco	Zacatecas
	Baja California	Guerrero	Baja California	Michoacán	Nayarit
Females, 15-34	Michoacán	Baja California	Chihuahua	Chihuahua	Chihuahua
	Chihuahua	Chihuahua	Durango	Baja California	Guerrero
	Oaxaca	Guerrero	Baja California	Guerrero	Sinaloa
	Sinaloa	Michoacán	Michoacán	Durango	Durango
	Nayarit	Nayarit	Nayarit	Sinaloa	Tamaulipas
	Baja California	Oaxaca	Sinaloa	Michoacán	Coahuila
Females, 35-54	Oaxaca	Guerrero	Guerrero	Chihuahua	Chihuahua
	Guerrero	Oaxaca	Michoacán	Guerrero	Guerrero
	Michoacán	Baja California	Oaxaca	Sinaloa	Sinaloa
	Durango	Michoacán	Chihuahua	Oaxaca	Durango
	Sinaloa	Chiapas	Baja California	Durango	Oaxaca
	Morelos	Durango	Morelos	Baja California	Nayarit
Females, 55-74	Oaxaca	Guerrero	Guerrero	Guerrero	Guerrero
	Morelos	Oaxaca	Oaxaca	Oaxaca	Chihuahua
	Durango	Chihuahua	Michoacán	Durango	Oaxaca
	Guerrero	Baja California	Nayarit	Michoacán	Tamaulipas
	Chiapas	Chiapas	Baja California Sur	Chihuahua	Durango
	Michoacán	Michoacán	Sinaloa	Nayarit	Morelos
Females, 75+	Nayarit	Guerrero	Durango	Sinaloa	Nayarit
	Zacatecas	Colima	Michoacán	Chihuahua	Sinaloa
	Coahuila	Oaxaca	México	Morelos	Chihuahua
	Chiapas	Aguascalientes	Sinaloa	Oaxaca	Guerrero
	Michoacán	Durango	Querétaro	Guerrero	Zacatecas
	México	Morelos	Tamaulipas	Nuevo León	Morelos

Low-burden states

Females, 0-14	Yucatán	Tlaxcala	Yucatán	Nuevo León	Tabasco
	Hidalgo	Coahuila	Tabasco	Morelos	Tlaxcala
	Campeche	Nuevo León	Coahuila	Querétaro	Aguascalientes
	Nuevo León	Yucatán	San Luis Potosí	Yucatán	Yucatán
	Aguascalientes	Baja California Sur	Tamaulipas	Colima	Querétaro
	Quintana Roo	Quintana Roo	Aguascalientes	Tlaxcala	Quintana Roo
Females, 15-34	Puebla	Veracruz	Tlaxcala	Colima	Chiapas
	Nuevo León	Puebla	Querétaro	Aguascalientes	Campeche
	Querétaro	Nuevo León	Campeche	San Luis Potosí	Tlaxcala
	Tabasco	Tlaxcala	Yucatán	Quintana Roo	Aguascalientes
	Baja California Sur	Aguascalientes	Aguascalientes	Yucatán	Querétaro
	Yucatán	Yucatán	Quintana Roo	Campeche	Yucatán
Females, 35-54	Coahuila	Nuevo León	Campeche	Hidalgo	Campeche
	Nuevo León	Querétaro	Querétaro	Aguascalientes	Quintana Roo
	Quintana Roo	Quintana Roo	Aguascalientes	Nuevo León	Tlaxcala
	Querétaro	Yucatán	Tabasco	Quintana Roo	Aguascalientes
	Yucatán	Baja California Sur	Yucatán	Yucatán	Querétaro
	Tabasco	Tlaxcala	Tlaxcala	Campeche	Yucatán
Females, 55-74	Aguascalientes	San Luis Potosí	Aguascalientes	Nuevo León	Querétaro
	Baja California Sur	Querétaro	Tabasco	Guanajuato	Aguascalientes
	Quintana Roo	Nuevo León	Colima	Baja California Sur	Campeche
	Tabasco	Hidalgo	Nuevo León	Campeche	Zacatecas
	Tlaxcala	Tlaxcala	Tamaulipas	Coahuila	Tlaxcala
	Yucatán	Yucatán	Tlaxcala	Tlaxcala	Yucatán
Females, 75+	Quintana Roo	Sonora	San Luis Potosí	Sonora	Colima
	San Luis Potosí	Tabasco	Sonora	Tabasco	Chiapas
	Tabasco	Tamaulipas	Tabasco	Tlaxcala	Quintana Roo
	Tlaxcala	Tlaxcala	Tlaxcala	Veracruz	Sonora
	Veracruz	Yucatán	Yucatán	Yucatán	Tlaxcala
	Yucatán	Zacatecas	Zacatecas	Zacatecas	Yucatán

Panel C1: Brazil (males)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
<i>High-burden states</i>					
Males, 0-4	Rio de Janeiro Distrito Federal Rondônia Acre Amapá	Distrito Federal Amapá Rio de Janeiro Pernambuco Acre	Pernambuco Rio de Janeiro Distrito Federal Rondônia Amapá	Alagoas Espírito Santo Distrito Federal Pernambuco Rio de Janeiro	Alagoas Espírito Santo Distrito Federal Paraíba Ceará
Males, 15-34	Rio de Janeiro Pernambuco Distrito Federal Rondônia Espírito Santo	Rio de Janeiro Pernambuco Espírito Santo Distrito Federal Mato Grosso do Sul	Pernambuco Rio de Janeiro Espírito Santo São Paulo Distrito Federal	Alagoas Pernambuco Espírito Santo Rio de Janeiro Bahia	Alagoas Espírito Santo Bahia Ceará Sergipe
Males, 35-54	Rio de Janeiro Rondônia Pernambuco Alagoas Espírito Santo	Pernambuco Rio de Janeiro Rondônia Espírito Santo Alagoas	Pernambuco Rondônia Rio de Janeiro Espírito Santo Mato Grosso	Alagoas Pernambuco Espírito Santo Rondônia Rio de Janeiro	Alagoas Sergipe Pará Paraíba Ceará
Males, 55-74	Rondônia Pernambuco Distrito Federal Rio de Janeiro Mato Grosso do Sul	Pernambuco Mato Grosso do Sul Rondônia Mato Grosso Roraima	Roraima Pernambuco Rondônia Mato Grosso Mato Grosso do Sul	Alagoas Rondônia Pernambuco Espírito Santo Pará	Alagoas Pará Rondônia Mato Grosso Sergipe
Males, 75+	Espírito Santo Amapá Rondônia Roraima Rio de Janeiro	Amapá Rondônia Mato Grosso do Sul Roraima Pernambuco	Rondônia Rio Grande do Sul Distrito Federal Pernambuco Sergipe	Alagoas Rio Grande do Sul Pernambuco Mato Grosso do Sul Espírito Santo	Alagoas Rio Grande do Sul Distrito Federal Rondônia Pará
<i>Low-burden states</i>					
Males, 0-4	Paraíba Tocantins Ceará Maranhão Piauí	Roraima Minas Gerais Maranhão Santa Catarina Piauí	Paraíba Pará Piauí Maranhão Santa Catarina	Acre Maranhão Piauí São Paulo Santa Catarina	Rondônia Mato Grosso do Sul Tocantins Santa Catarina São Paulo
Males, 15-34	Minas Gerais Santa Catarina Maranhão Tocantins Piauí	Minas Gerais Tocantins Santa Catarina Maranhão Piauí	Tocantins Amazonas Santa Catarina Piauí Maranhão	Santa Catarina Acre Tocantins Piauí Roraima	Tocantins Acre São Paulo Santa Catarina Roraima
Males, 35-54	Maranhão Ceará Minas Gerais Santa Catarina Piauí	Ceará Santa Catarina Minas Gerais Maranhão Piauí	Acre Amazonas Santa Catarina Maranhão Piauí	São Paulo Tocantins Acre Piauí Santa Catarina	Minas Gerais Amapá Piauí São Paulo Santa Catarina
Males, 55-74	Minas Gerais Bahia Maranhão Ceará Piauí	Pará Minas Gerais Amazonas Maranhão Piauí	Santa Catarina Minas Gerais Maranhão Amazonas Piauí	São Paulo Minas Gerais Amazonas Santa Catarina Amapá	Rio de Janeiro Piauí Minas Gerais Santa Catarina São Paulo
Males, 75+	Ceará Sergipe Rio Grande do Norte Piauí Tocantins	Pará Paraíba Ceará Piauí Maranhão	Maranhão Amazonas Acre Roraima Amapá	Sergipe Amazonas Piauí Acre Roraima	Rio de Janeiro Minas Gerais Amazonas São Paulo Piauí

Panel C2: Brazil (females)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
<i>High-burden states</i>					
Females, 0-4	Acre Rondônia Rio de Janeiro Mato Grosso do Sul Amapá	Acre Rio de Janeiro Pernambuco Rondônia Sergipe	Distrito Federal Pernambuco Roraima Mato Grosso Rondônia	Espírito Santo Distrito Federal Rio Grande do Norte Pernambuco Mato Grosso do Sul	Alagoas Espírito Santo Ceará Paraíba Acre
Females, 15-34	Rio de Janeiro Rondônia Acre Mato Grosso do Sul Distrito Federal	Rio de Janeiro Espírito Santo Pernambuco Mato Grosso do Sul Distrito Federal	Espírito Santo Rio de Janeiro Pernambuco Mato Grosso do Sul Rondônia	Espírito Santo Pernambuco Alagoas Rio de Janeiro Paraná	Espírito Santo Alagoas Paraíba Goiás Bahia
Females, 35-54	Rio de Janeiro Roraima Distrito Federal Pernambuco Rondônia	Mato Grosso do Sul Roraima Rondônia Rio de Janeiro Espírito Santo	Espírito Santo Pernambuco Mato Grosso Rio de Janeiro Rondônia	Espírito Santo Alagoas Pernambuco Mato Grosso Rio de Janeiro	Alagoas Espírito Santo Pará Paraíba Ceará
Females, 55-74	Distrito Federal Mato Grosso do Sul Rio de Janeiro Rio Grande do Sul Espírito Santo	Rondônia Mato Grosso do Sul Espírito Santo Mato Grosso Pernambuco	Mato Grosso do Sul Pernambuco Acre Rio Grande do Sul Alagoas	Pernambuco Alagoas Espírito Santo Sergipe Rio de Janeiro	Rondônia Alagoas Sergipe Espírito Santo Paraíba
Females, 75+	Mato Grosso do Sul Alagoas Espírito Santo Pernambuco Distrito Federal	Mato Grosso do Sul Mato Grosso Pernambuco Distrito Federal Piauí	Tocantins Pernambuco Rio Grande do Norte Goiás Distrito Federal	Espírito Santo Pernambuco Paraíba Rio de Janeiro Mato Grosso	Alagoas Pará Rio Grande do Norte Mato Grosso Amazonas
<i>Low-burden states</i>					
Females, 0-4	Ceará Tocantins Rio Grande do Norte Maranhão Piauí	Santa Catarina Minas Gerais Piauí Maranhão Roraima	Acre Santa Catarina Maranhão Piauí Amapá	Santa Catarina Minas Gerais Maranhão Roraima São Paulo	Minas Gerais Santa Catarina Roraima Mato Grosso do Sul São Paulo
Females, 15-34	Santa Catarina Ceará Rio Grande do Norte Maranhão Piauí	Pará Santa Catarina Ceará Maranhão Piauí	Rio Grande do Norte Pará Piauí Amazonas Maranhão	Amapá Roraima Piauí Maranhão Acre	Amapá Piauí Santa Catarina Acre São Paulo
Females, 35-54	Amapá Ceará Bahia Maranhão Piauí	Minas Gerais Amazonas Ceará Maranhão Piauí	Amapá Rio Grande do Norte Maranhão Piauí Roraima	Tocantins Piauí Amapá Maranhão Acre	Piauí Tocantins Santa Catarina São Paulo Roraima
Females, 55-74	Maranhão Acre Amazonas Roraima Amapá	Amazonas Piauí Roraima Amapá Maranhão	Piauí Amazonas Roraima Amapá Sergipe	Amazonas Piauí Tocantins Acre Amapá	Distrito Federal Piauí Minas Gerais São Paulo Roraima
Females, 75+	Amapá Tocantins Piauí Ceará Mato Grosso	Rio Grande do Norte Sergipe Paraná Santa Catarina Goiás	Sergipe Espírito Santo Santa Catarina Mato Grosso do Sul Mato Grosso	Roraima Amapá Tocantins Goiás Distrito Federal	Amapá Tocantins Piauí Mato Grosso do Sul Distrito Federal

Panel D1: Colombia (males)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
	<i>High-burden states</i>				
Males, 0-14	Antioquia Caldas Risaralda Vichada Casanare La Guajira Valle del Cauca	Antioquia Arauca Caquetá Valle del Cauca Vichada Risaralda Norte de Santander	Arauca Antioquia Guaviare Valle del Cauca Caldas Risaralda Putumayo	Valle del Cauca Caquetá Vaupés Risaralda Cauca Putumayo Antioquia	Valle del Cauca Antioquia Caquetá Casanare Amazonas Putumayo Nariño
Males, 15-34	Antioquia Valle del Cauca Arauca Risaralda Caldas Norte de Santander Guaviare	Antioquia Caquetá Guaviare Putumayo Valle del Cauca Arauca Risaralda	Arauca Caquetá Antioquia Guaviare Norte de Santander Valle del Cauca Putumayo	Arauca Guaviare Caquetá Risaralda Valle del Cauca Putumayo Meta	Valle del Cauca Arauca Caquetá Antioquia Quindío Putumayo Risaralda
Males, 35-54	Antioquia Valle del Cauca Risaralda Caldas Arauca Norte de Santander Meta	Caquetá Antioquia Risaralda Valle del Cauca Guaviare Arauca Putumayo	Arauca Caquetá Cesar Norte de Santander Guaviare Caldas Meta	Arauca Caquetá Guaviare Risaralda Valle del Cauca Putumayo Meta	Caquetá Putumayo Valle del Cauca Arauca Guaviare Quindío Risaralda
Males, 55-74	Antioquia Arauca Risaralda Meta Valle del Cauca Norte de Santander Caldas	Caquetá Guaviare Antioquia Arauca Casanare Valle del Cauca Risaralda	Arauca Cesar Guaviare Caquetá Meta Casanare Norte de Santander	Arauca Guaviare Caquetá Meta Putumayo Risaralda Valle del Cauca	Putumayo Caquetá Valle del Cauca Arauca Quindío Guaviare Casanare
Males, 75+	Quindío Caquetá Antioquia Arauca Cesar Norte de Santander Santander	Guainía Guaviare Caquetá Meta Norte de Santander Putumayo Antioquia	Guaviare Vaupés Casanare Caquetá Arauca Meta La Guajira	Amazonas Arauca Caquetá Norte de Santander Valle del Cauca Magdalena Putumayo	Vichada Caquetá Guaviare Archipiélago* Casanare Putumayo Valle del Cauca

* Archipiélago: Archipiélago de San Andrés, Providencia y Santa Catalina.

Panel D2: Colombia (males)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
	<i>Low-burden states</i>				
Males, 0-14	Nariño Córdoba Sucre Vaupés Guainía Archipiélago* Amazonas	Cesar La Guajira Sucre Córdoba Archipiélago* Guainía Vaupés	Nariño Bogotá Bolívar Córdoba Sucre Amazonas Guainía	La Guajira Magdalena Sucre Córdoba Archipiélago* Amazonas Guainía	Córdoba Sucre Archipiélago* Guainía Guaviare Vaupés Vichada
Males, 15-34	Córdoba Nariño Bolívar Sucre Archipiélago* Amazonas Vaupés	Sucre Bolívar Nariño Córdoba Guainía Amazonas Archipiélago*	Bolívar Guainía Bogotá Córdoba Amazonas Vaupés Archipiélago*	Sucre Cundinamarca Boyacá Guainía Amazonas Archipiélago* Vaupés	Casanare Amazonas Santander Cundinamarca Boyacá Vaupés Guainía
Males, 35-54	Nariño Bolívar Archipiélago* Amazonas Guainía Vichada Vaupés	Bolívar Nariño Córdoba Amazonas Guainía Archipiélago* Vaupés	Córdoba Bogotá Vichada Guainía Archipiélago* Vaupés Amazonas	Cundinamarca Bogotá Boyacá Amazonas Guainía Vaupés Archipiélago*	Bolívar Bogotá Cundinamarca Santander Boyacá Guainía Vaupés
Males, 55-74	Atlántico Sucre Bolívar Archipiélago* Amazonas Vaupés Vichada	Vichada Chocó Nariño Córdoba Archipiélago* Guainía Vaupés	Amazonas Vaupés Córdoba Bogotá Nariño Vichada Archipiélago*	Bolívar Boyacá Córdoba Bogotá Guainía Archipiélago* Vaupés	Boyacá Bogotá Bolívar Guainía Amazonas Archipiélago* Vaupés
Males, 75+	Casanare Archipiélago* Amazonas Guainía Guaviare Vaupés Vichada	Atlántico Chocó Córdoba Archipiélago* Amazonas Vaupés Vichada	Tolima Chocó Córdoba Archipiélago* Amazonas Guainía Vichada	Sucre Casanare Archipiélago* Guainía Guaviare Vaupés Vichada	Bogotá Magdalena Chocó Atlántico Amazonas Guainía Vaupés

* Archipiélago: Archipiélago de San Andrés, Providencia y Santa Catalina.

Panel D3: Colombia (females)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
	<i>High-burden states</i>				
Females, 0-14	Antioquia Caquetá Vichada Guaviare Risaralda Valle del Cauca Cesar	Antioquia Guaviare Caquetá Meta Putumayo Valle del Cauca Arauca	Arauca Putumayo Guaviare Caquetá Antioquia Vaupés Valle del Cauca	Guaviare Guainía Putumayo Caquetá Valle del Cauca Nariño Arauca	Valle del Cauca Caquetá Arauca Risaralda Amazonas Chocó Nariño
Females, 15-34	Antioquia Arauca Valle del Cauca Putumayo Meta Guaviare Risaralda	Antioquia Guaviare Caquetá Putumayo Casanare Valle del Cauca Meta	Guaviare Caquetá Arauca Putumayo Casanare Meta Antioquia	Guaviare Arauca Caquetá Meta Putumayo Valle del Cauca Risaralda	Valle del Cauca Putumayo Arauca Caquetá Quindío Guaviare Antioquia
Females, 35-54	Antioquia Caquetá Putumayo Casanare Arauca Valle del Cauca Meta	Putumayo Caquetá Antioquia Casanare Arauca Valle del Cauca Meta	Arauca Putumayo Guaviare Caquetá Meta Casanare Norte de Santander	Guaviare Caquetá Putumayo Arauca Valle del Cauca Risaralda Meta	Caquetá Putumayo Vichada Guaviare Meta Valle del Cauca Arauca
Females, 55-74	Guaviare Antioquia Cauca Chocó Risaralda Meta Valle del Cauca	Casanare Archipiélago* Caquetá Meta Putumayo Cauca Arauca	Caquetá Guaviare Arauca Cesar Meta Antioquia Norte de Santander	Caquetá Casanare Guaviare Cauca Putumayo Huila Valle del Cauca	Guainía Guaviare Caquetá Meta Valle del Cauca Cauca Quindío
Females, 75+	Casanare Putumayo Cauca La Guajira Quindío Santander Antioquia	Putumayo Meta Valle del Cauca Cesar Antioquia Cundinamarca Nariño	Casanare Arauca Caquetá Putumayo Huila Norte de Santander Cundinamarca	Huila Quindío Magdalena Santander Tolima Boyacá Bolívar	Vichada Arauca Putumayo Caquetá Valle del Cauca La Guajira Nariño

* Archipiélago: Archipiélago de San Andrés, Providencia y Santa Catalina.

Panel D4: Colombia (females)

	1990-1994	1995-1999	2000-2004	2005-2009	2010-2015
			<i>Low-burden states</i>		
Females, 0-14	Atlántico Córdoba Sucre Archipiélago* Amazonas Guainía Vaupés	La Guajira Bolívar Nariño Chocó Archipiélago* Guainía Vaupés	Nariño La Guajira Sucre Chocó Córdoba Amazonas Guainía	Boyacá Santander Bolívar Archipiélago* Amazonas Vaupés Vichada	Sucre Bolívar Atlántico Archipiélago* Guainía Vaupés Vichada
Females, 15-34	Nariño Bolívar Amazonas Sucre Archipiélago* Guainía Vaupés	Atlántico Vaupés Guainía Amazonas Nariño Archipiélago* Córdoba	Chocó Bolívar Córdoba Atlántico Archipiélago* Amazonas Vaupés	Amazonas Chocó Boyacá Bolívar Sucre Vaupés Archipiélago*	Archipiélago* Cundinamarca Bolívar Boyacá Santander Vaupés Amazonas
Females, 35-54	Sucre Archipiélago* Bolívar Amazonas Guainía Vaupés Vichada	Tolima Córdoba Nariño Bolívar Archipiélago* Amazonas Guainía	Bogotá Atlántico Chocó Archipiélago* Amazonas Guainía Vaupés	Chocó Atlántico Sucre Archipiélago* Amazonas Guainía Vaupés	Cundinamarca Bolívar Santander Boyacá Amazonas Guainía Vaupés
Females, 55-74	Córdoba Putumayo Archipiélago* Amazonas Guainía Vaupés Vichada	Atlántico Sucre Amazonas Guainía Guaviare Vaupés Vichada	Córdoba Putumayo Archipiélago* Amazonas Guainía Vaupés Vichada	Risaralda Sucre Archipiélago* Amazonas Guainía Vaupés Vichada	Santander Chocó Atlántico Archipiélago* Amazonas Vaupés Vichada
Females, 75+	Arauca Archipiélago* Amazonas Guainía Guaviare Vaupés Vichada	Casanare Archipiélago* Amazonas Guainía Guaviare Vaupés Vichada	Tolima Archipiélago* Amazonas Guainía Guaviare Vaupés Vichada	Putumayo Archipiélago* Amazonas Guainía Guaviare Vaupés Vichada	Sucre Casanare Archipiélago* Amazonas Guainía Guaviare Vaupés

* Archipiélago: Archipiélago de San Andrés, Providencia y Santa Catalina.

Figure S.1: Total deaths from firearms, by intent, in the US, Mexico, Brazil, and Colombia, 1990-2015

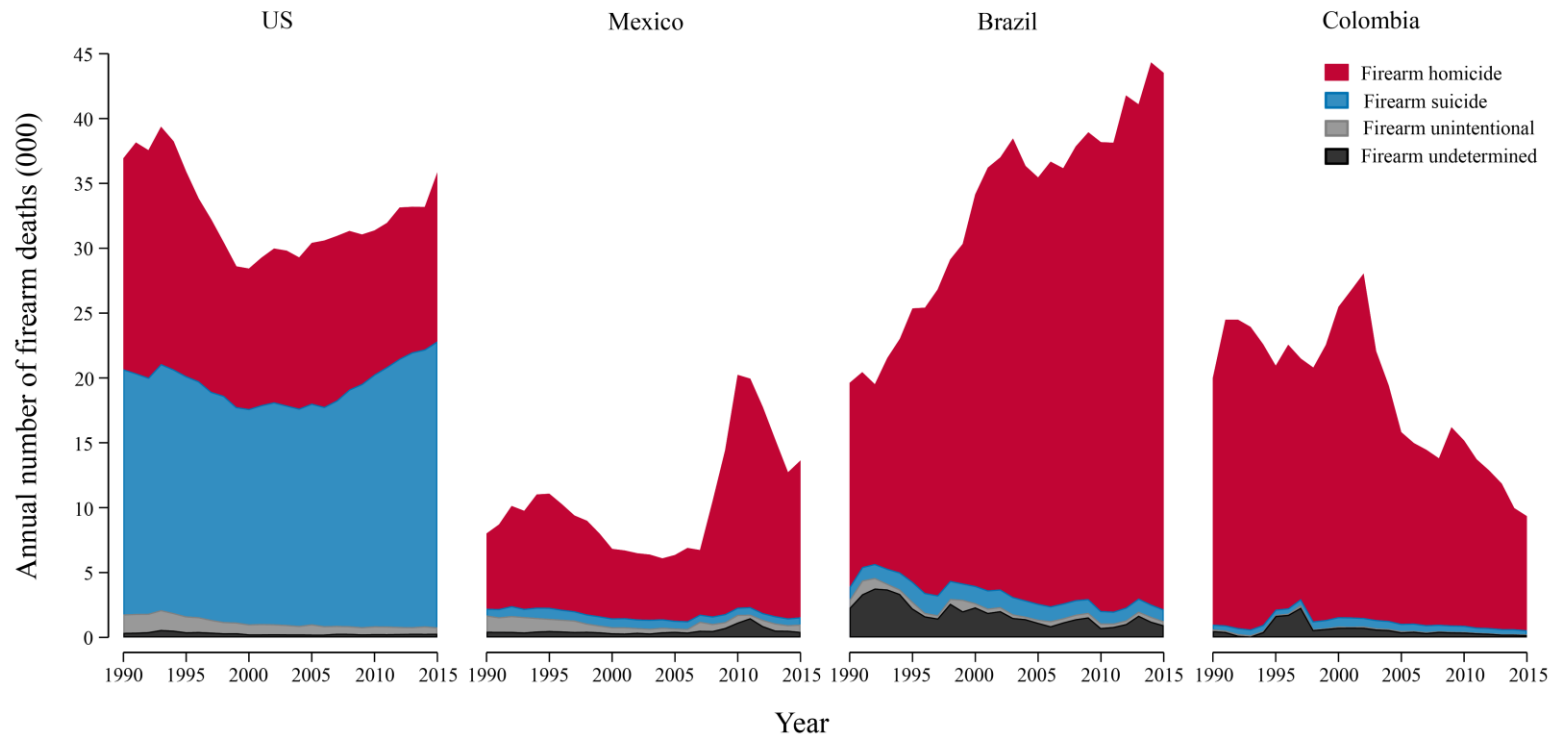


Table S.3: Age-specific firearm death rates (per 100,000) at ages 15-34 in the US, Mexico, Brazil and Colombia by sex and state, 2010-2015

Panel A: United States

State	Age group (years)							
	Males				Females			
	15-19	20-24	25-29	30-34	15-19	20-24	25-29	30-34
Alaska	34.97	58.27	62.09	50.81	9.50	16.00	6.26	6.43
Missouri	31.41	51.92	58.71	51.20	3.19	8.72	8.19	3.76
Pennsylvania	32.96	51.48	41.37	38.02	1.59	6.84	3.58	2.67
Oklahoma	27.22	46.38	43.58	41.75	4.52	7.26	6.95	5.47
Nebraska	31.15	33.96	50.38	37.33	3.24	5.79	8.23	2.84
Nevada	22.33	35.39	54.41	40.37	6.51	9.78	3.21	8.03
Louisiana	29.69	45.01	41.36	31.73	3.99	4.57	5.73	4.29
Michigan	22.69	39.79	39.82	42.77	2.69	6.00	8.17	4.32
Indiana	33.03	45.93	35.19	28.74	3.13	4.84	3.14	10.37
Illinois	33.13	39.49	33.55	26.82	1.79	2.75	2.51	1.49
New Mexico	22.50	32.90	47.22	28.82	4.65	5.04	4.74	7.43
District of Columbia	26.52	43.34	30.62	27.88	0.83	0.96	1.83	1.33
Arizona	18.09	37.33	40.84	32.01	2.39	5.70	5.61	4.76
Ohio	18.08	38.84	37.52	32.47	3.29	3.88	3.27	2.95
North Carolina	21.09	35.05	39.39	30.91	2.85	4.96	4.22	6.26
Wisconsin	21.53	39.81	38.00	26.75	2.45	5.43	5.58	2.46
South Carolina	22.54	39.09	39.04	25.31	3.03	5.66	4.11	4.35
Montana	32.93	17.20	45.88	24.91	8.29	13.84	7.48	1.37
Kansas	26.67	38.11	34.31	20.55	1.85	6.66	6.40	5.50
West Virginia	12.46	28.15	28.79	49.55	1.56	2.05	1.23	3.33
California	22.36	36.02	29.31	28.00	2.82	3.63	3.33	3.50
Tennessee	23.40	32.90	32.77	26.43	1.59	4.20	3.87	4.29
Arkansas	11.78	40.89	31.35	30.50	2.07	3.43	5.36	3.23
Kentucky	14.38	32.81	28.38	33.90	2.27	3.37	14.42	4.80
Alabama	18.16	32.07	28.10	30.44	2.17	4.96	4.09	3.48
Colorado	12.41	34.24	33.38	28.24	2.81	9.36	3.09	3.92
Florida	16.70	32.96	26.87	29.05	2.39	3.35	3.35	4.93
Rhode Island	6.07	30.79	38.44	27.12	1.06	2.54	0.87	2.19
Mississippi	18.99	25.80	30.64	25.27	6.70	2.05	3.62	4.31
Oregon	18.39	26.12	24.34	30.28	0.65	3.09	1.25	2.46
Wyoming	8.41	55.60	18.96	15.99	7.12	15.18	19.70	1.02
Iowa	8.25	24.08	42.01	23.96	3.22	1.18	1.10	1.50
New Jersey	13.45	34.18	30.24	19.82	1.20	1.74	1.94	0.81
Georgia	15.44	30.23	31.11	19.66	1.79	3.28	3.44	6.94
Texas	14.67	29.17	26.91	25.51	2.15	3.54	3.83	3.28
Utah	10.81	38.73	21.86	24.72	0.54	2.95	2.55	9.91
Delaware	15.88	28.10	34.25	17.09	1.16	2.18	4.20	1.63
Maryland	10.91	31.99	31.94	18.61	1.04	2.18	1.72	2.01
Washington	21.49	28.14	22.59	19.24	3.19	6.42	5.44	2.58
North Dakota	12.37	36.34	11.36	21.34	2.27	0.50	0.64	0.16
Minnesota	19.46	26.32	17.74	17.37	3.33	7.74	3.13	0.84
Virginia	15.27	23.68	22.54	18.58	1.15	3.20	2.81	6.36
South Dakota	11.32	27.23	9.97	29.04	0.00	5.09	9.73	0.59

State	Age group (years)							
	Males				Females			
	15-19	20-24	25-29	30-34	15-19	20-24	25-29	30-34
Connecticut	9.38	23.43	21.35	18.39	0.47	1.53	2.07	0.91
Massachusetts	9.79	21.47	17.01	18.37	0.74	2.43	1.69	1.07
Idaho	17.63	18.29	21.26	7.02	1.04	1.81	5.61	15.42
New York	11.38	17.84	15.52	13.96	0.70	1.22	0.99	2.44
Maine	9.86	16.88	13.46	7.32	0.09	0.65	0.65	10.57
Vermont	2.47	9.28	21.95	3.26	0.50	0.32	11.00	0.60
New Hampshire	3.73	5.53	16.87	6.76	0.00	0.51	0.70	2.73
Hawaii	4.41	3.16	3.60	3.66	0.00	0.82	0.22	0.93

Note: States appear in order of highest to lowest firearm death rate for males ages 15-34. The highest death rate for each state and sex appears in bold font.

Panel B: Mexico

State	Age group (years)							
	Males				Females			
	15-19	20-24	25-29	30-34	15-19	20-24	25-29	30-34
Chihuahua	127.22	256.05	304.88	277.12	13.46	20.89	22.94	22.27
Guerrero	74.91	150.97	189.46	194.67	10.42	9.79	10.20	11.61
Sinaloa	69.69	172.64	183.97	183.17	5.78	9.12	7.08	6.25
Durango	43.14	90.71	107.89	113.80	5.97	6.17	4.53	6.34
Tamaulipas	49.92	86.29	88.30	72.59	5.42	6.85	5.17	4.24
Nayarit	32.64	71.42	86.26	88.87	3.45	5.96	5.27	3.00
Coahuila	36.98	70.80	67.23	58.13	4.80	6.40	5.99	3.96
Colima	20.82	48.39	76.71	82.33	3.23	7.36	5.49	4.69
Morelos	29.55	57.47	64.17	68.64	4.81	5.33	3.83	4.46
Michoacán	22.17	52.08	61.96	71.09	2.46	3.28	4.02	3.17
Nuevo León	40.13	56.00	55.56	48.59	4.69	4.81	4.58	3.98
Baja California	15.99	47.04	63.31	72.60	2.15	2.88	5.30	4.35
Zacatecas	35.31	54.40	57.49	44.11	7.52	6.14	2.82	3.61
Sonora	16.20	42.11	59.60	72.26	2.89	1.68	3.27	3.68
Jalisco	18.93	35.96	45.43	47.46	2.18	2.58	2.49	2.04
México	17.02	37.14	42.63	42.44	2.06	2.83	3.14	3.05
Oaxaca	13.31	28.34	37.33	49.46	2.08	2.18	3.09	2.69
Distrito Federal	15.85	32.33	33.13	28.62	1.46	1.81	2.79	1.79
Guanajuato	14.45	25.25	33.04	35.38	1.33	2.51	1.80	1.44
Veracruz	14.41	27.10	33.07	32.15	1.70	2.19	2.33	2.51
San Luis Potosí	15.32	28.34	28.23	28.20	2.14	3.19	2.12	1.48
Baja California Sur	7.11	20.06	18.64	24.98	1.06	1.04	3.63	2.13
Tabasco	6.84	17.42	19.08	23.67	0.60	1.38	1.44	1.69
Puebla	6.66	12.94	16.19	16.60	0.66	1.12	0.90	1.61
Hidalgo	4.68	9.59	15.57	17.33	1.01	1.20	1.42	1.19
Chiapas	4.51	9.69	13.99	16.40	0.49	0.95	1.21	1.10
Quintana Roo	5.34	12.07	9.79	11.29	0.50	1.68	1.41	1.30
Aguascalientes	4.62	9.85	9.43	13.38	0.56	1.19	0.98	0.33
Querétaro	5.52	7.52	11.83	8.24	0.53	0.72	0.56	0.80
Campeche	3.18	7.45	6.92	14.34	0.00	1.22	0.85	1.35
Tlaxcala	3.87	4.60	9.15	7.33	0.83	0.87	0.93	0.64
Yucatán	1.91	1.77	2.33	3.18	0.36	0.00	0.19	0.79

Note: States appear in order of highest to lowest firearm death rate for males ages 15-34. The highest death rate for each state and sex appears in bold font.

Panel C: Brazil

State	Age group (years)							
	Males				Females			
	15-19	20-24	25-29	30-34	15-19	20-24	25-29	30-34
Alagoas	244.31	282.35	211.22	162.35	9.15	11.01	7.88	10.36
Espírito Santo	207.79	174.00	120.44	85.21	14.20	10.46	8.65	8.63
Bahia	150.64	178.67	125.29	99.50	7.58	7.14	5.37	5.22
Ceará	154.11	166.68	126.10	99.65	6.48	5.84	5.74	5.92
Sergipe	123.09	151.96	136.20	117.02	5.64	5.40	4.53	6.18
Paraíba	132.84	158.07	127.97	102.67	9.18	8.13	8.57	8.27
Rio Grande do Norte	141.70	152.55	115.14	92.59	6.98	5.66	4.32	5.33
Pernambuco	110.09	145.71	114.02	89.23	5.70	6.30	5.83	4.29
Goiás	116.74	146.11	108.38	82.08	7.88	7.27	8.02	7.11
Pará	102.09	135.16	108.39	90.73	4.79	5.70	5.78	5.27
Distrito Federal	140.24	121.02	79.65	62.38	6.78	7.68	3.25	3.58
Paraná	84.27	112.80	89.57	69.29	5.91	5.78	5.27	4.93
Rio de Janeiro	91.97	114.85	82.12	66.29	4.16	4.14	4.20	3.29
Amazonas	70.01	107.97	93.01	70.25	3.06	3.61	3.06	3.61
Mato Grosso	71.22	98.20	80.09	68.89	4.58	4.60	2.91	3.70
Maranhão	53.02	82.65	85.10	67.21	1.98	2.84	3.71	3.21
Rio Grande do Sul	60.16	82.29	71.06	67.22	4.54	4.98	4.63	5.13
Rondônia	47.12	75.25	75.11	66.85	4.97	4.14	5.44	5.70
Minas Gerais	72.80	82.57	59.30	48.51	4.90	4.61	3.68	3.88
Amapá	69.64	74.98	55.91	42.67	1.75	3.16	3.24	2.16
Mato Grosso do Sul	44.90	61.20	47.31	46.70	4.58	3.15	3.78	2.06
Piauí	41.39	45.63	52.62	37.88	2.56	2.35	1.87	2.44
Tocantins	37.10	46.08	46.50	37.20	2.65	4.43	3.81	4.80
Acre	34.80	53.66	42.30	34.65	2.08	1.84	3.15	1.51
São Paulo	31.99	36.31	31.39	28.31	1.85	1.67	1.78	1.75
Santa Catarina	28.44	33.80	28.13	25.86	2.71	1.63	2.35	2.34
Roraima	19.80	29.03	29.51	23.62	1.99	3.54	3.40	4.80

Note: States appear in order of highest to lowest firearm death rate for males ages 15-34. The highest death rate for each state and sex appears in bold font.

Panel D: Colombia

State	Age group (years)							
	Males				Females			
	15-19	20-24	25-29	30-34	15-19	20-24	25-29	30-34
Valle del Cauca	227.76	288.53	255.12	222.24	12.83	16.80	14.28	11.72
Arauca	92.53	221.96	212.90	208.63	8.91	18.18	13.16	13.09
Caquetá	59.38	161.13	201.29	201.82	7.86	14.81	12.04	12.09
Antioquia	103.37	173.67	173.87	149.06	9.48	10.68	10.72	8.28
Quindío	112.00	142.29	158.76	170.67	11.55	11.46	7.18	13.10
Putumayo	55.96	161.60	205.58	144.50	8.19	12.78	17.59	16.90
Risaralda	85.19	127.14	151.99	146.07	6.96	7.19	8.12	7.26
Guaviare	43.87	102.58	185.11	174.23	5.51	19.42	9.39	6.22
Norte de Santander	58.19	135.08	136.44	145.85	5.92	9.75	7.49	9.20
Cauca	75.49	137.39	135.71	126.90	6.58	9.93	9.32	8.38
Meta	55.40	108.22	128.00	124.12	7.40	6.74	12.95	8.24
Archipiélago*	67.04	108.76	106.33	100.52	0.00	5.27	0.00	6.54
Nariño	52.76	92.71	103.01	95.98	4.07	7.74	8.31	5.96
Córdoba	23.91	77.44	118.11	117.04	5.14	6.59	6.35	4.82
Chocó	58.66	88.65	90.75	95.45	5.48	3.25	7.98	4.85
Magdalena	31.74	82.55	101.54	97.85	2.18	3.62	6.39	5.53
Caldas	59.69	75.02	79.16	92.56	3.99	2.35	5.83	5.73
La Guajira	34.56	71.91	89.64	98.03	2.39	5.27	4.62	2.10
Tolima	38.37	62.02	71.11	88.47	2.08	4.77	6.42	6.00
Cesar	31.68	69.36	73.83	83.66	3.58	4.81	3.78	8.18
Vichada	46.22	70.26	67.13	52.14	4.50	0.00	0.00	11.10
Atlántico	31.70	62.70	71.11	68.55	2.06	3.40	3.93	3.60
Huila	41.53	55.73	60.87	63.16	2.40	3.33	3.13	5.63
Bogotá	34.95	53.57	53.54	44.52	3.74	4.27	4.19	2.95
Bolívar	30.63	54.92	50.00	49.60	2.04	2.96	3.53	2.32
Sucre	16.25	44.51	52.22	62.02	2.80	4.83	2.68	4.33
Casanare	28.44	42.72	40.62	55.08	1.91	4.25	9.81	2.82
Amazonas	19.13	20.90	58.80	56.82	0.00	0.00	0.00	0.00
Santander	28.44	43.89	36.00	33.84	1.28	3.04	2.49	2.44
Cundinamarca	27.40	35.61	33.53	37.77	3.24	2.13	2.30	3.41
Boyacá	10.38	21.21	21.79	22.12	1.78	3.25	1.99	2.46
Vaupés	13.60	29.93	9.76	0.00	0.00	7.71	0.00	0.00
Guainía	6.79	14.99	10.25	0.00	0.00	0.00	0.00	16.40

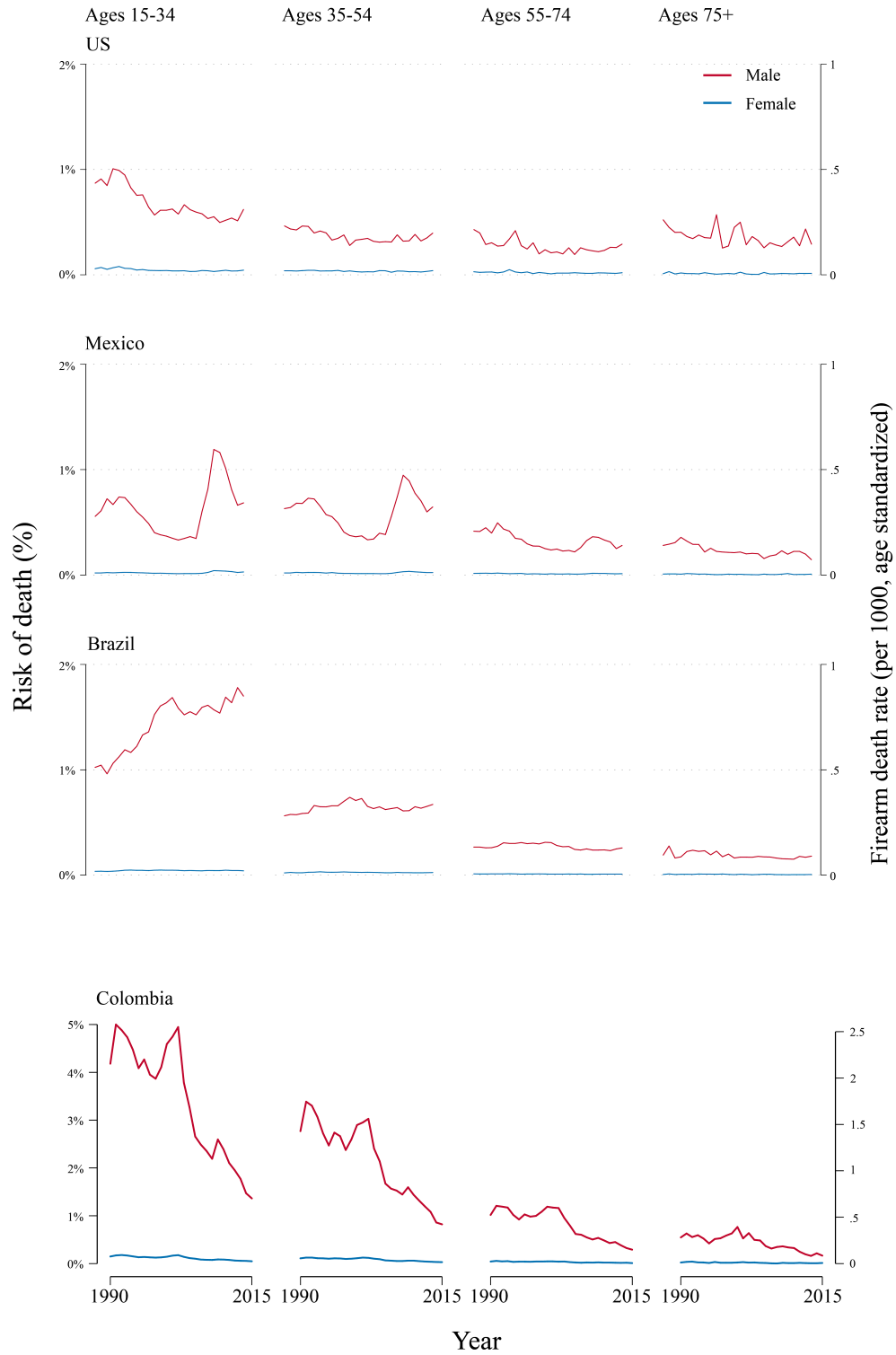
Note: States appear in order of highest to lowest firearm death rate for males ages 15-34. The highest death rate for each state and sex appears in bold font.

* Archipiélago: Archipiélago de San Andrés, Providencia y Santa Catalina.

Table S.4: Risk of dying from firearm homicide and from all causes among males at ages 25-34 years by education, nationally, and in selected subpopulations in the US, Mexico, Brazil, and Colombia, 2000-2015

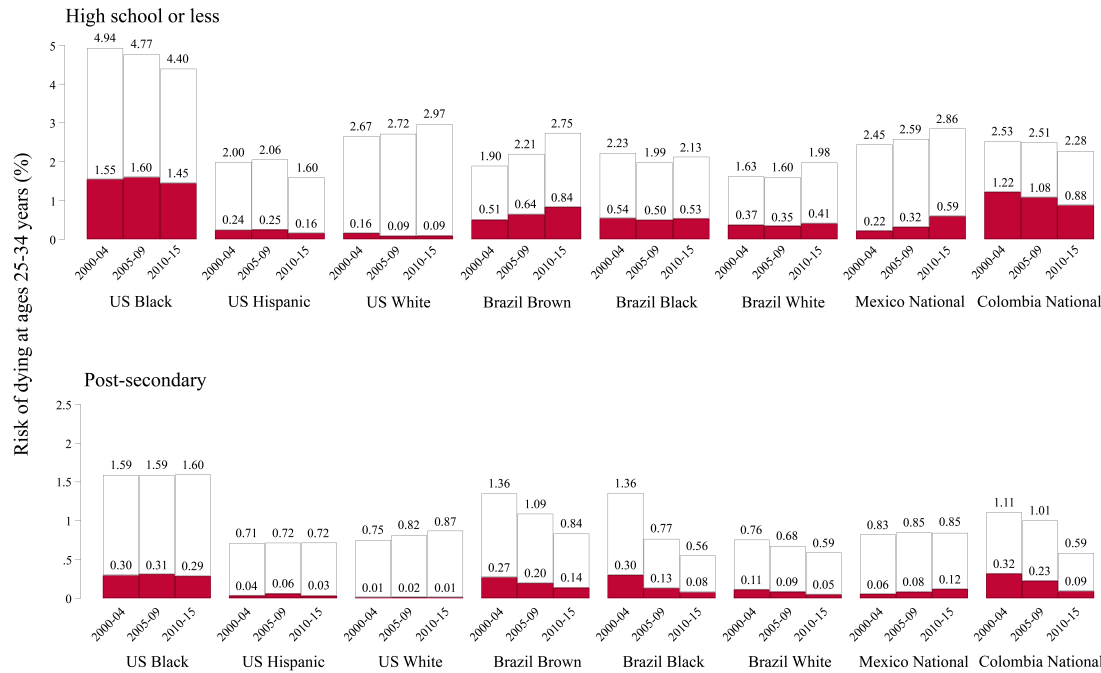
	Education	Firearm risk (99% CI)	Total risk (99% CI)
National			
US	High school or less	0.41 (0.40–0.42)	2.79 (2.78–2.80)
	Post-secondary	0.09 (0.08–0.10)	0.98 (0.97–0.99)
Mexico	High school or less	0.39 (0.38–0.40)	2.65 (2.64–2.66)
	Post-secondary	0.09 (0.08–0.10)	0.84 (0.83–0.86)
Brazil	High school or less	0.32 (0.32–0.33)	1.59 (1.59–1.60)
	Post-secondary	0.09 (0.07–0.10)	0.67 (0.65–0.68)
Colombia	High school or less	1.05 (1.03–1.06)	2.43 (2.42–2.44)
	Post-secondary	0.21 (0.17–0.24)	0.88 (0.85–0.91)
Subgroup			
US Black	High school or less	1.52 (1.50–1.54)	4.68 (4.66–4.70)
	Post-secondary	0.30 (0.28–0.32)	1.59 (1.57–1.62)
US Hispanic	High school or less	0.21 (0.20–0.22)	1.87 (1.85–1.88)
	Post-secondary	0.04 (0.02–0.06)	0.72 (0.70–0.74)
US White	High school or less	0.11 (0.10–0.12)	2.80 (2.79–2.81)
	Post-secondary	0.01 (0.01–0.02)	0.82 (0.81–0.83)
Brazil Brown	High school or less	0.67 (0.66–0.68)	2.31 (2.31–2.32)
	Post-secondary	0.20 (0.17–0.23)	1.08 (1.05–1.11)
Brazil Black	High school or less	0.53 (0.51–0.54)	2.12 (2.10–2.13)
	Post-secondary	0.16 (0.09–0.23)	0.88 (0.81–0.94)
Brazil White	High school or less	0.38 (0.37–0.39)	1.75 (1.74–1.76)
	Post-secondary	0.08 (0.06–0.10)	0.67 (0.66–0.69)

Figure S.2: Firearm death rates and risks of death in the US, Mexico, Brazil, and Colombia, by sex and age, 1990-2015



Note: Different scales of risk are used for Colombia versus the other three countries.

Figure S.3: Trends in the risk of dying from firearm homicide (shaded) and from any cause (white) among males at ages 25-34 years by education and selected subgroups in the US, Mexico, Brazil, and Colombia, 2000-2015

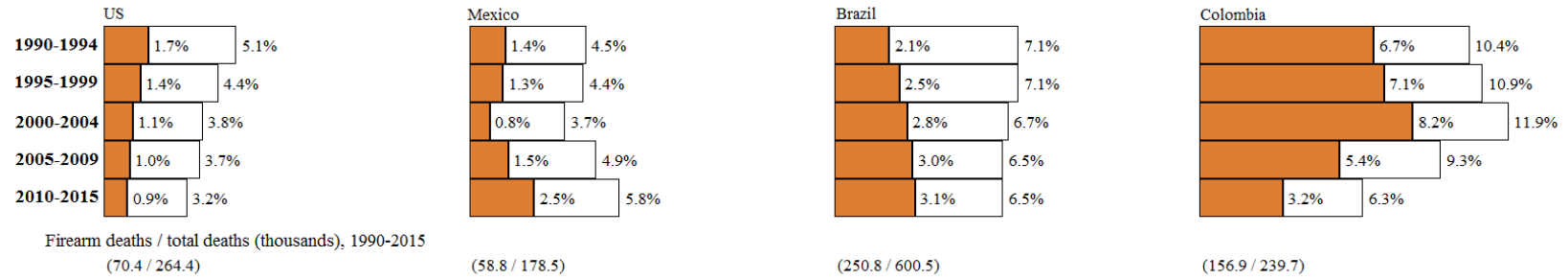


	No. of firearm homicide deaths	% of total deaths from all causes
High school or less		
US Black	24 569	25.6
US Hispanic	8328	11.4
US White	5448	2.0
Brazil Brown	66 866	28.2
Brazil Black	10 453	24.2
Brazil White	33 428	19.4
Mexico National	38 157	13.5
Colombia National	37 967	40.2
Post-secondary		
US Black	4475	4.7
US Hispanic	797	1.1
US White	1690	0.6
Brazil Brown	1651	0.7
Brazil Black	223	0.5
Brazil White	2016	1.2
Mexico National	2734	1.0
Colombia National	1435	1.5

Note: Different scales of risk are used for the educational categories.

Figure S.4: Risk of a 15-year-old male dying from firearms (shaded) and from any cause (white) at ages 15-34 years, in high-burden states (A) and by racial group in the US and Brazil (B)

A. High-burden states



B. Racial groups

