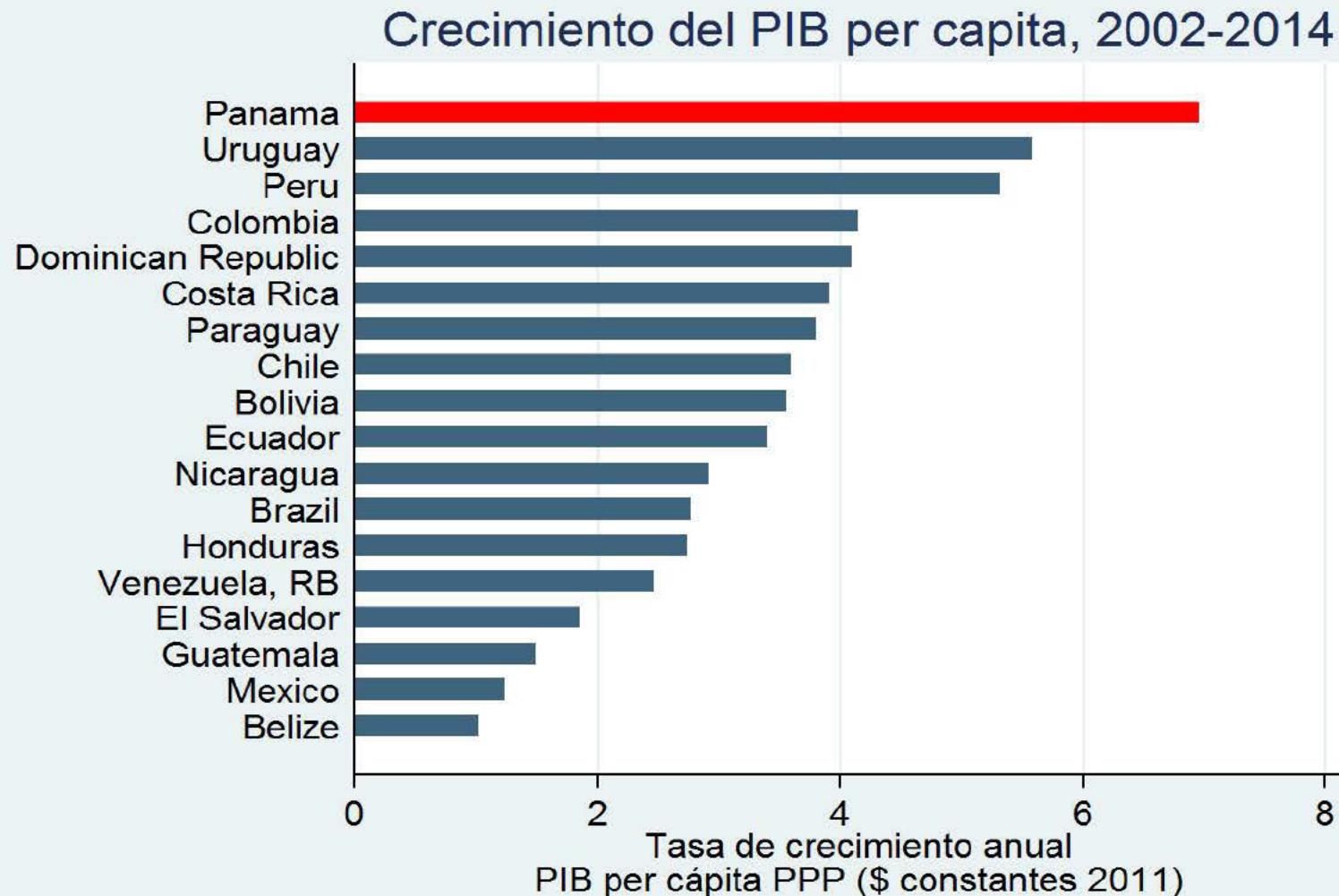


Panamá después de la ampliación del Canal

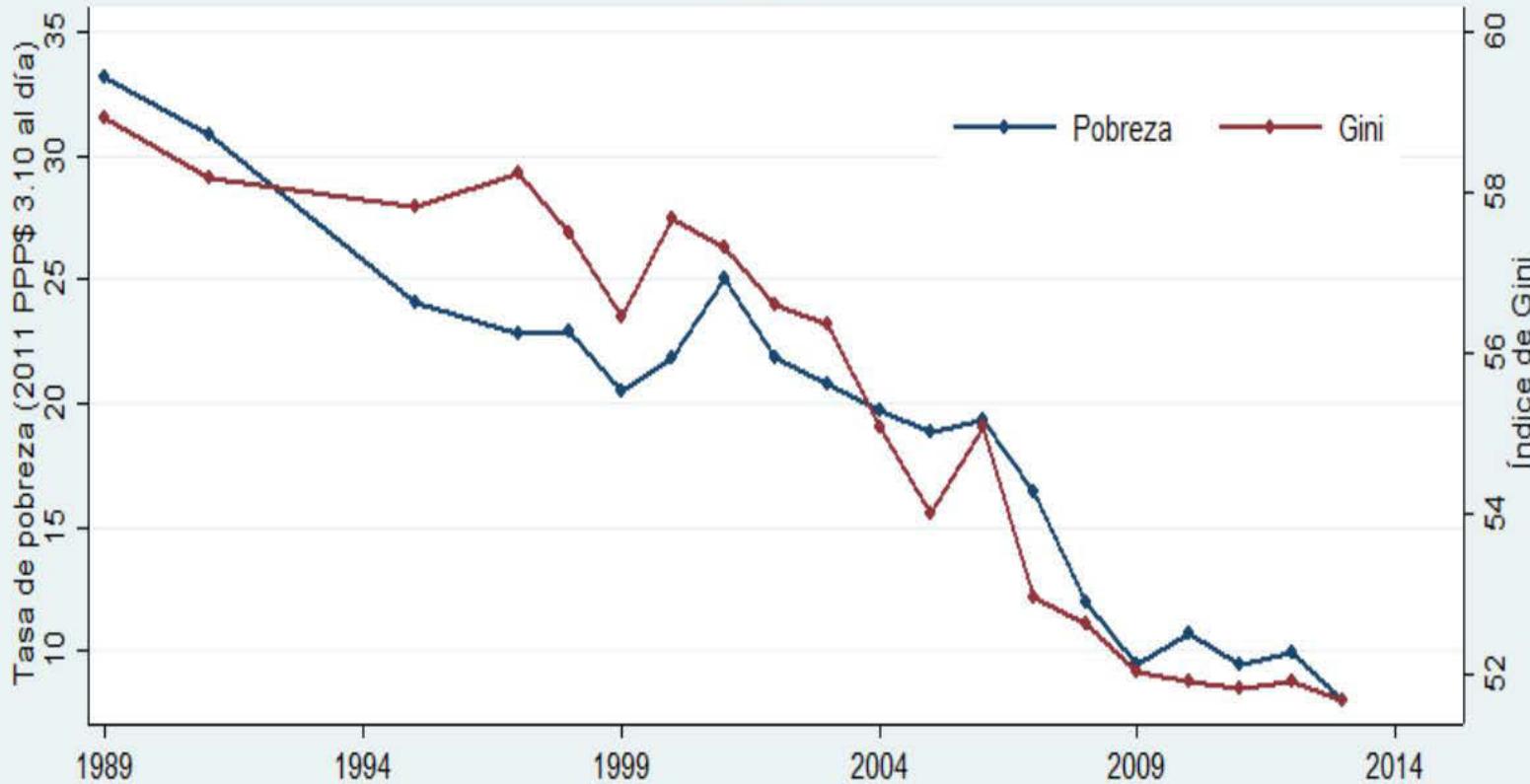
Ricardo Hausmann

Abril 22, 2016



El crecimiento ha reducido la pobreza y la desigualdad

Pobreza y desigualdad, 1989-2013
Panama

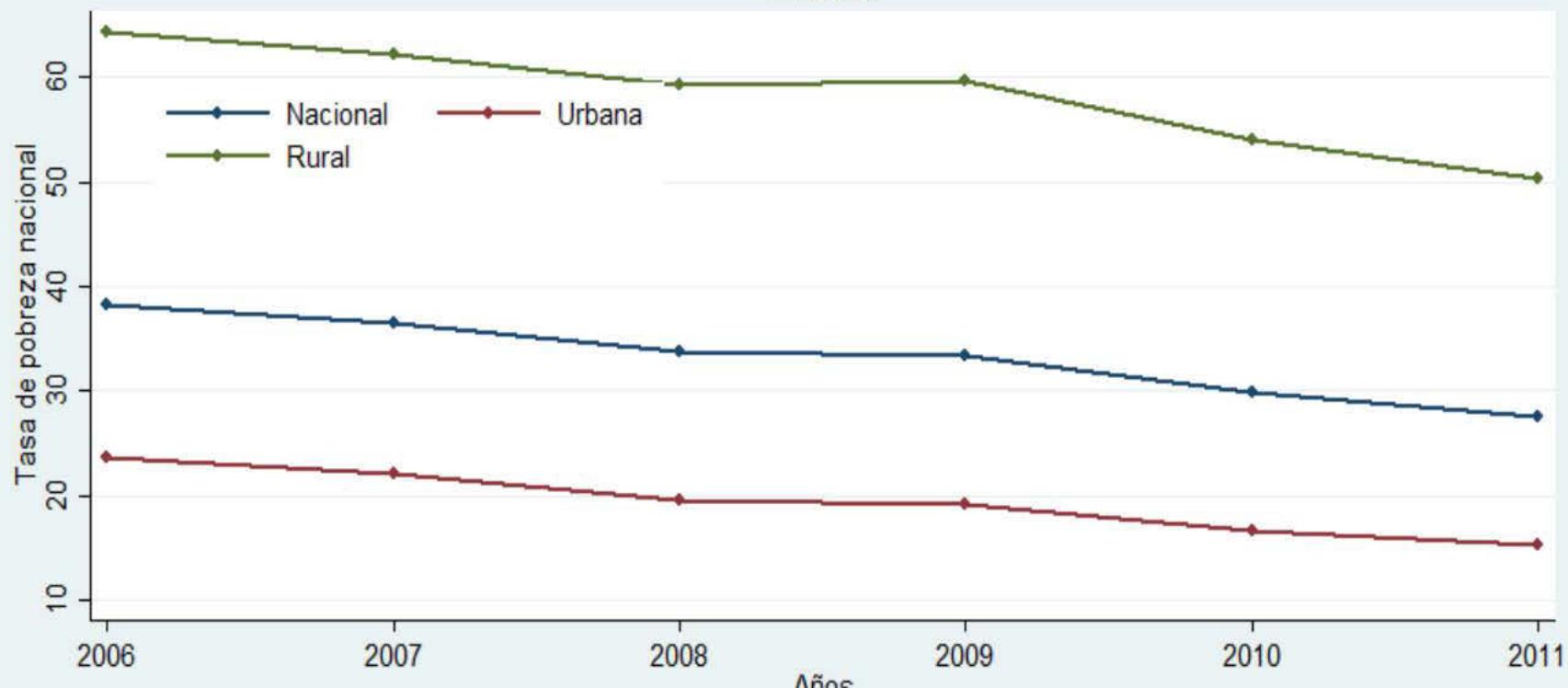


Fuente: World Development Indicators

La pobreza rural es más de tres veces la pobreza urbana

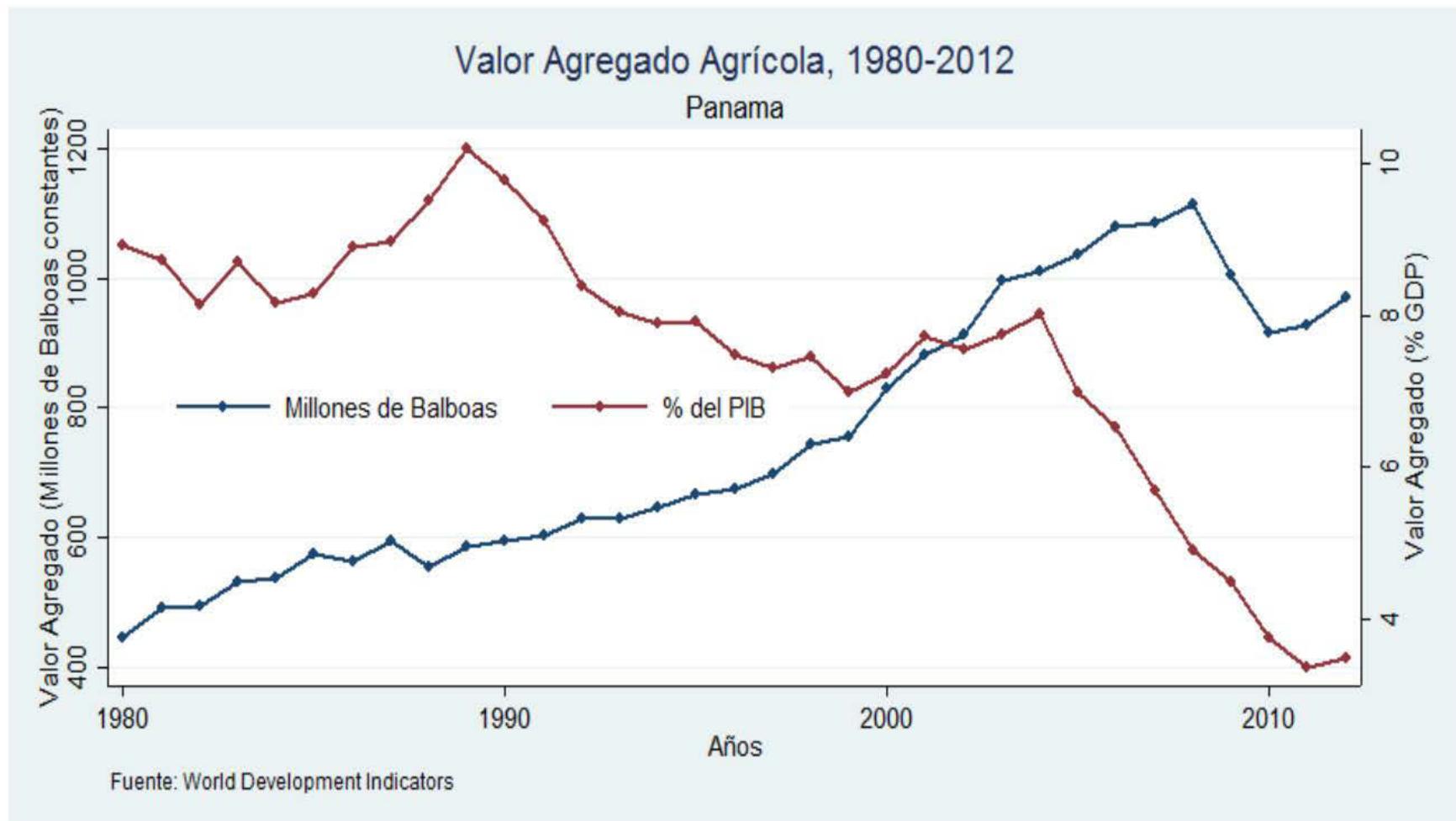
Pobreza nacional, urbana y rural, 2006-2011

Panama

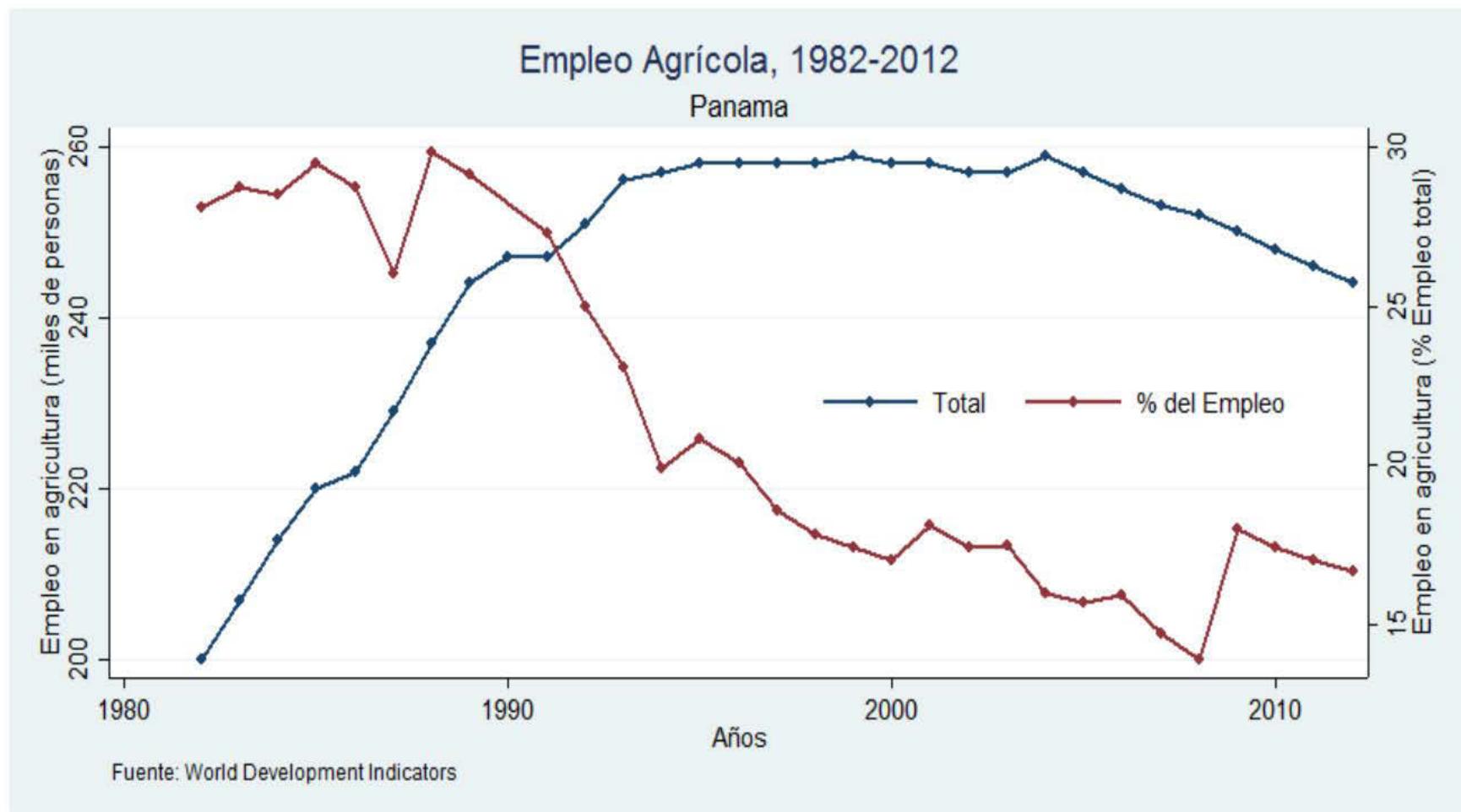


Fuente: World Development Indicators

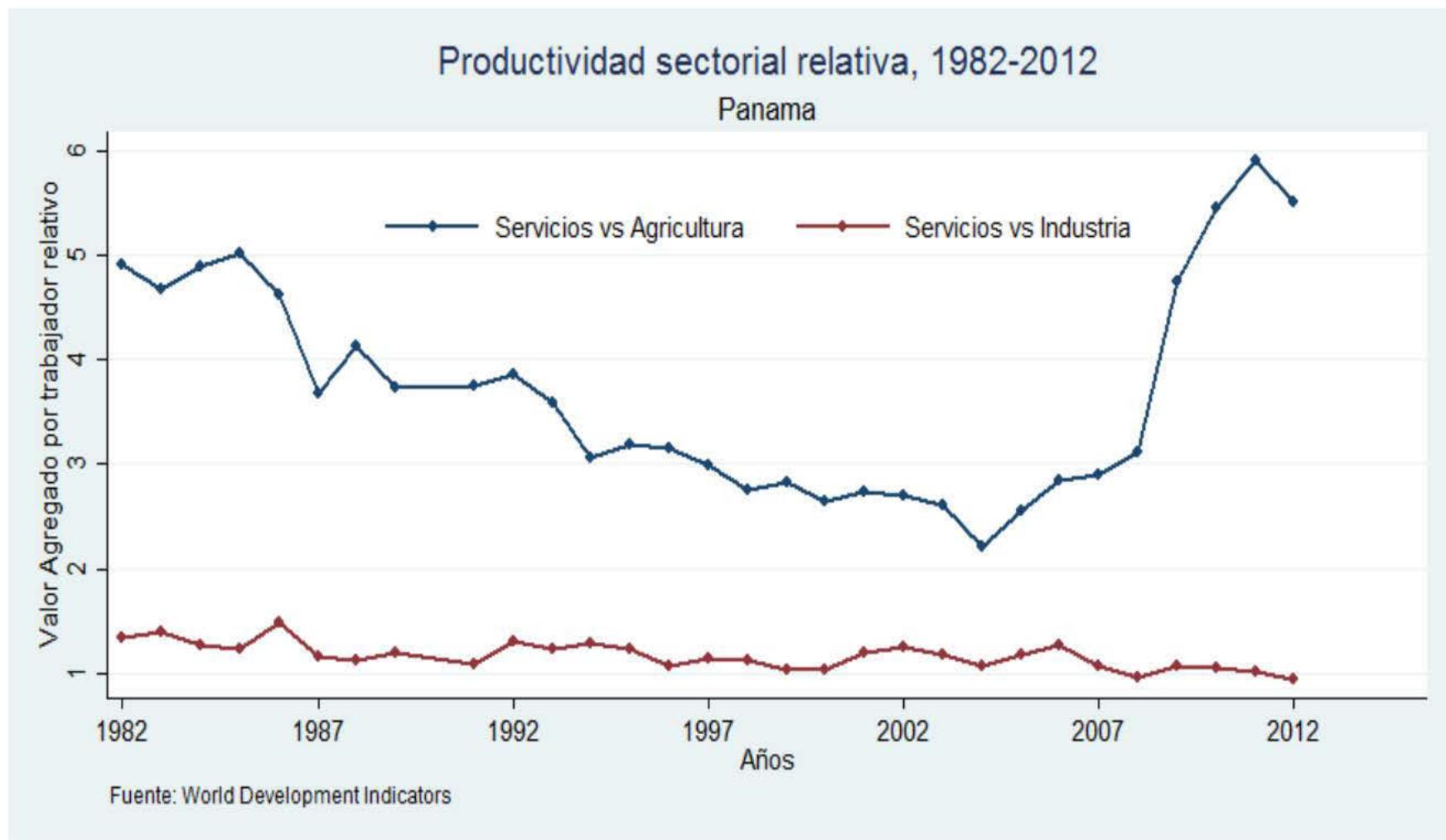
Agricultura ha venido perdiendo terreno en la composición del PIB



El número de trabajadores agrícolas ha caído a un ritmo mucho menor



En consecuencia, la productividad del sector servicios ha pasado de ser 2X a ser 6X la productividad en el sector agrícola





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AN
INQUIRY
INTO THE
NATURE AND CAUSES
OF THE
WEALTH OF NATIONS.

By ADAM SMITH, L.L.D. F.R.S.

WITH
A LIFE OF THE AUTHOR.

ALSO,

A VIEW OF THE DOCTRINE OF SMITH, COMPARED WITH THAT OF THE
FRENCH ECONOMISTS; WITH A METHOD OF FACILITATING THE
STUDY OF HIS WORKS; FROM THE FRENCH OF M. GARNIER.

IN THREE VOLUMES.

VOL. I.

LONDON:

PRINTED FOR J. MAYNARD, PANTON STREET, HAY-MARKET; AND F. ZINKE, 448, STRAND.

1811.

Malawi

\$226 per capita



Haiti

\$819 per capita





Morocco

\$3,108 per capita

Poland

\$13,431 per capita

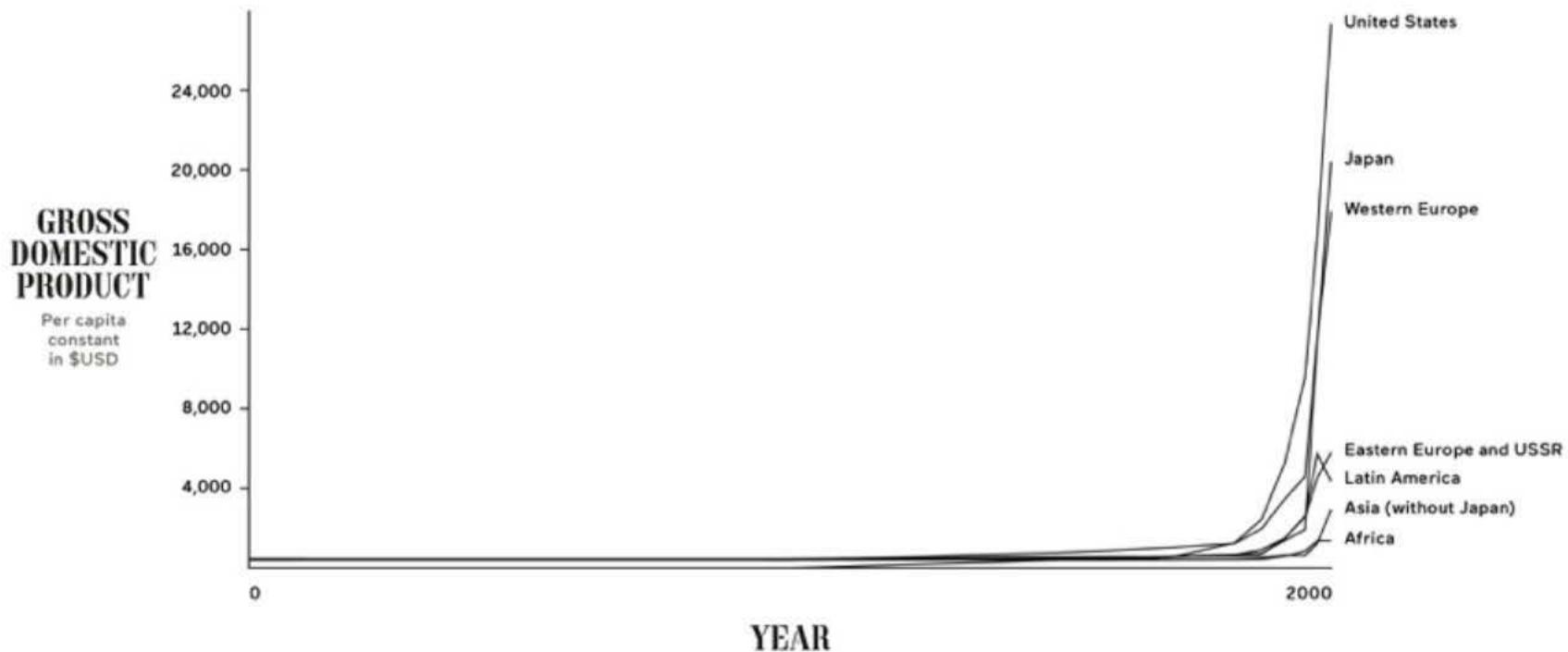


Singapore

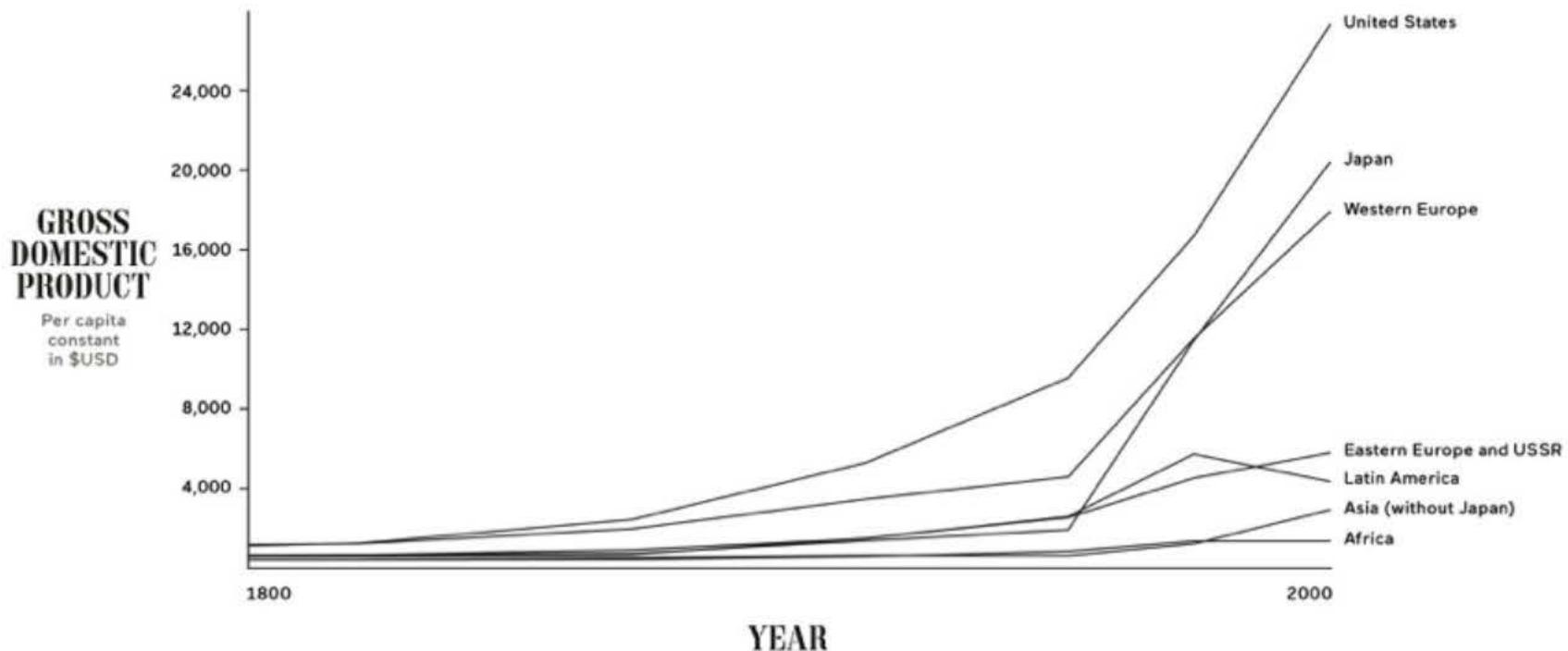
\$55,182 per capita



The Great Acceleration

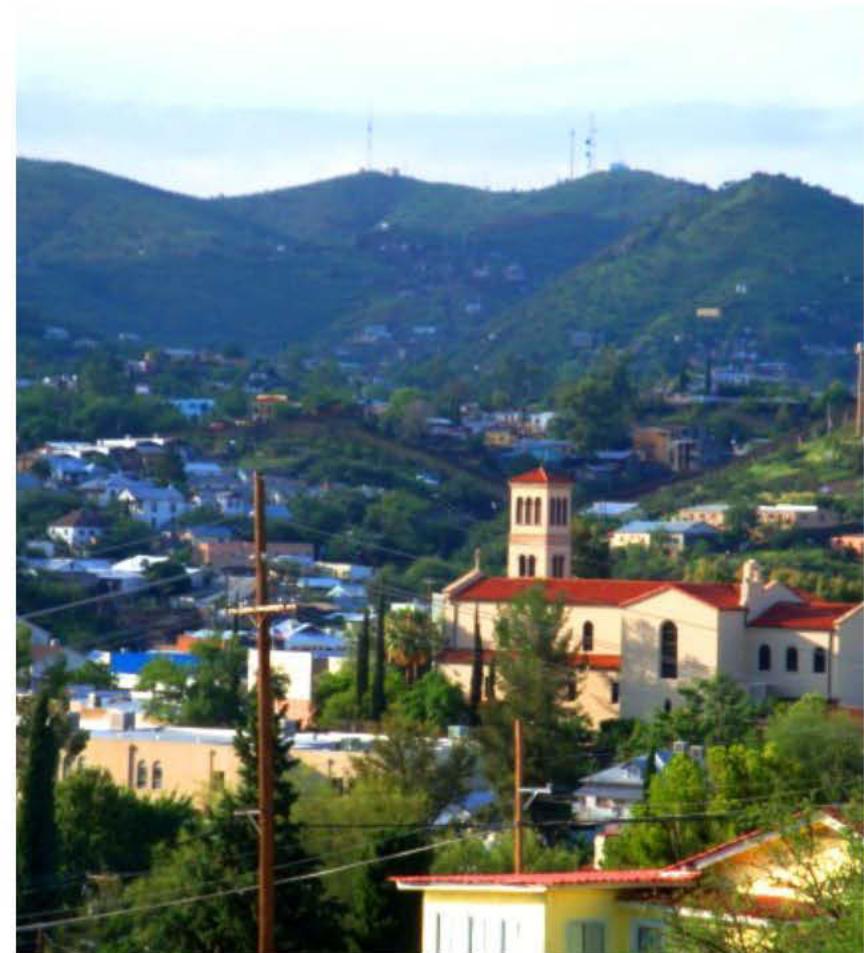
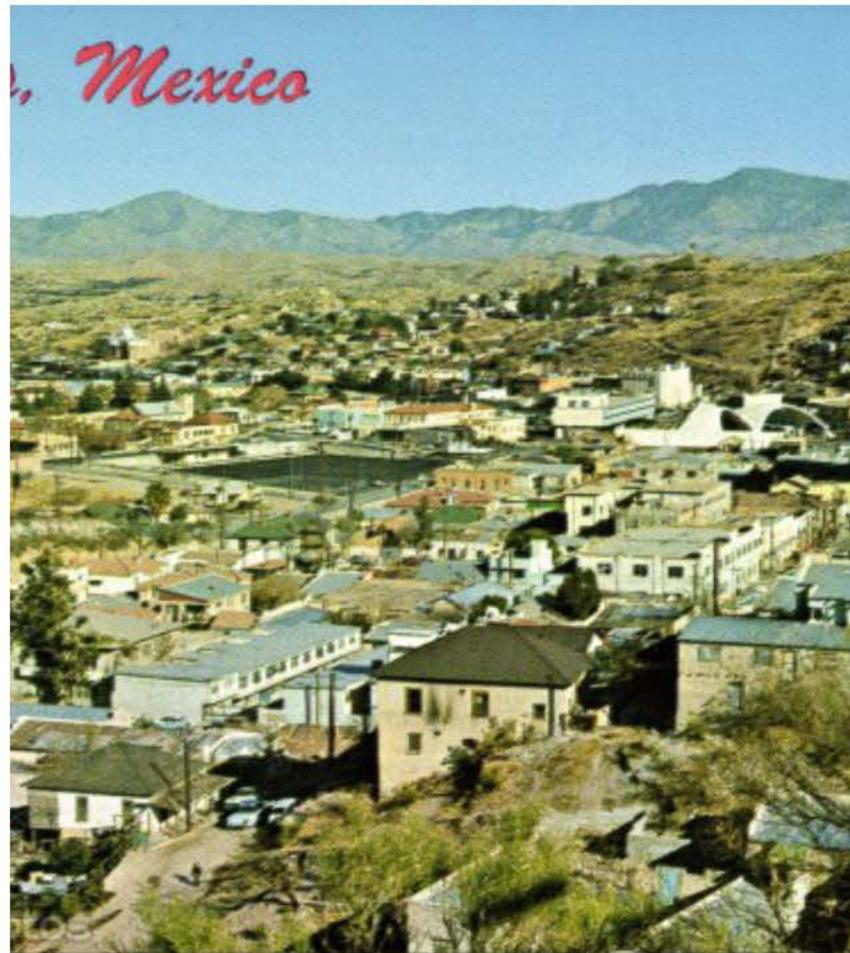


The Great Divergence





The two Nogales



Guerrero

\$5,281 per capita



Sinaloa

\$10,945 per capita



Guanjuato

\$20,827 per capita



Nuevo Leon

\$42,281 per capita



Darien US\$1,224



© Eric Mohl
Trans-Americas Journey
www.trans-americas.com

ABRI, 2016

Veragua US\$2,205





Chiriquí US\$3,412



Panama US\$8,647

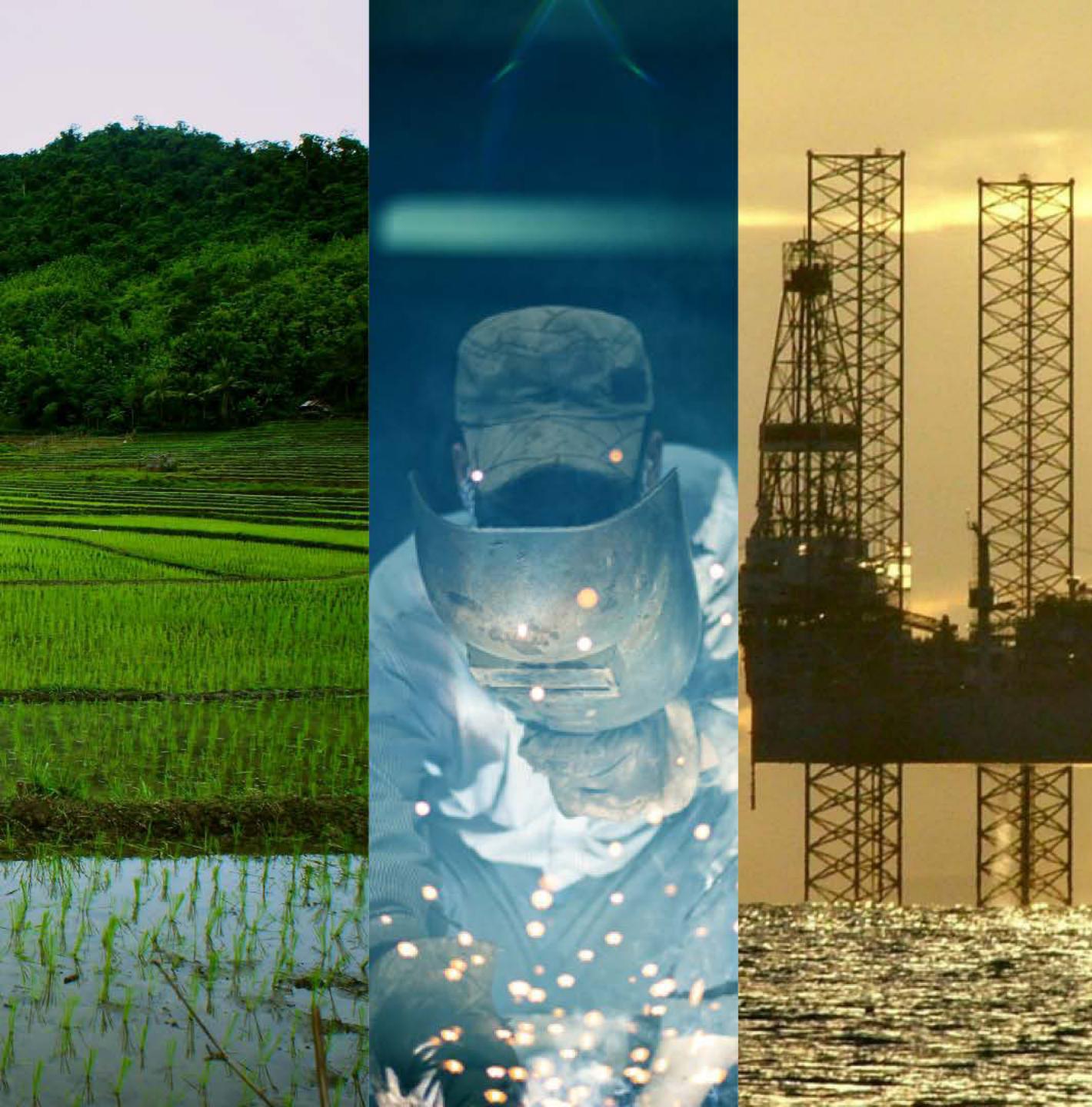










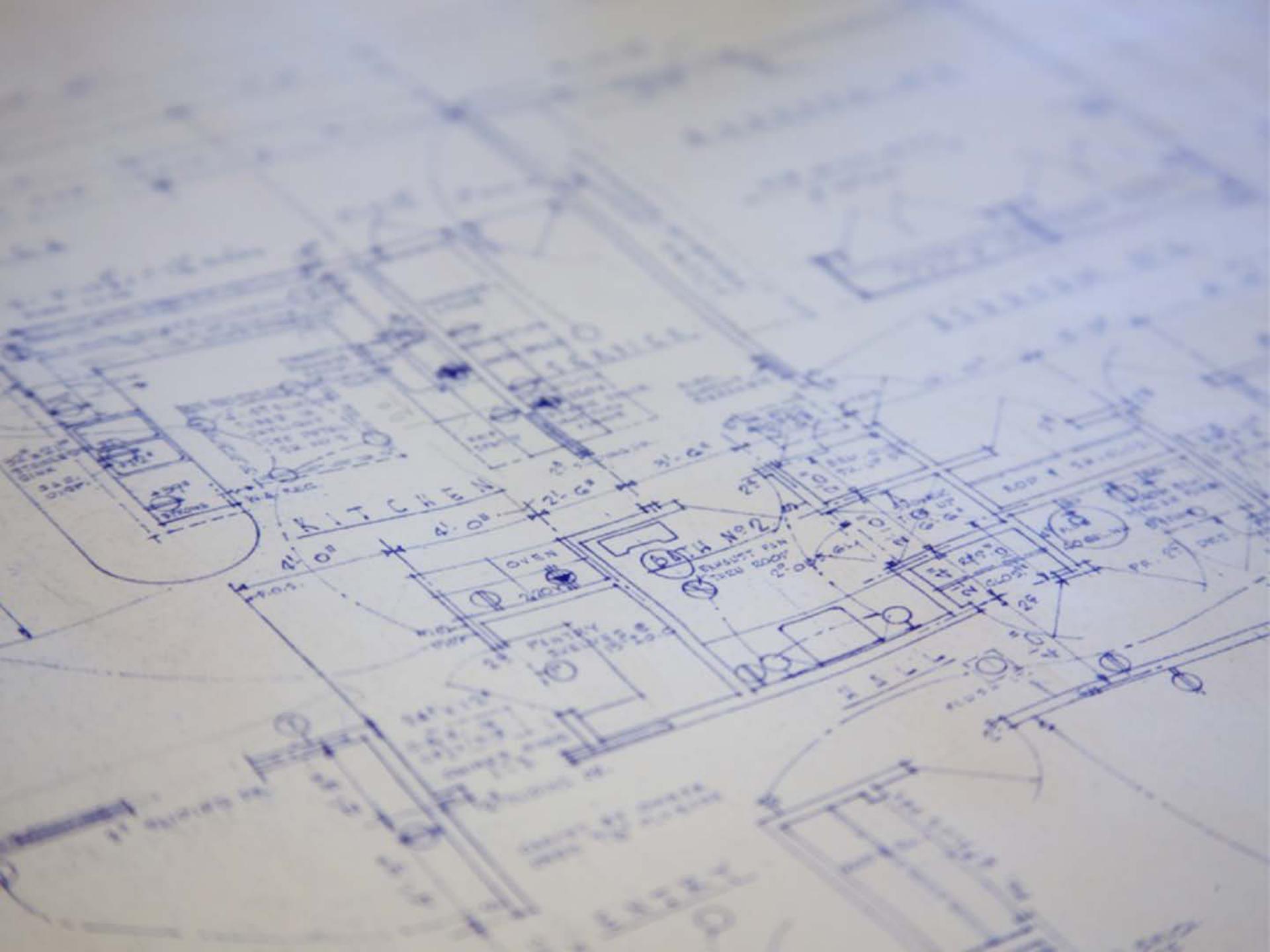














HAN JIN



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Lift (force)

From Wikipedia, the free encyclopedia

For other uses, see [Lift \(disambiguation\)](#).

A fluid flowing past the surface of a body exerts a [force](#) on it. Lift is the component of this force that is perpendicular to the oncoming flow direction.^[1] It contrasts with the [drag force](#), which is the component of the surface force parallel to the flow direction. If the fluid is air, the force is called an [aerodynamic force](#). In water, it is called a [hydrodynamic force](#).

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1 Overview

2 Simplified physical explanations of lift on an airfoil

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2.1.1 Limitations of deflection/turning

2.2 Increased flow speed and Bernoulli's principle

2.2.1 Conservation of mass

2.2.2 Limitations of explanations based on Bernoulli's principle

3 Basic attributes of lift

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3.2 Angle of attack

3.3 Airfoil shape

3.4 Air speed and density

3.5 Lift coefficient

3.6 Pressure integration

4 A more comprehensive physical explanation

4.1 Lift involves action and reaction at the airfoil surface and is felt as a pressure difference

4.2 The airfoil affects the flow over a wide area around it

4.3 The pressure differences and the changes in flow speed and direction support each other in a mutual interaction

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6 Mathematical theories of lift

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6.2 Reynolds-Averaged Navier-Stokes (RANS) equations

6.3 Inviscid-flow equations (Euler or potential)

6.4 Linearized potential flow

6.5 Circulation and the Kutta-Joukowski theorem

6.6 Momentum balance in lifting flows

7 Lift of three-dimensional wings

8 Viscous effects: Profile drag and stalling



Boeing 747-8F landing



Que hace uno cuando le duele una muela?



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Endodontic therapy

From Wikipedia, the free encyclopedia

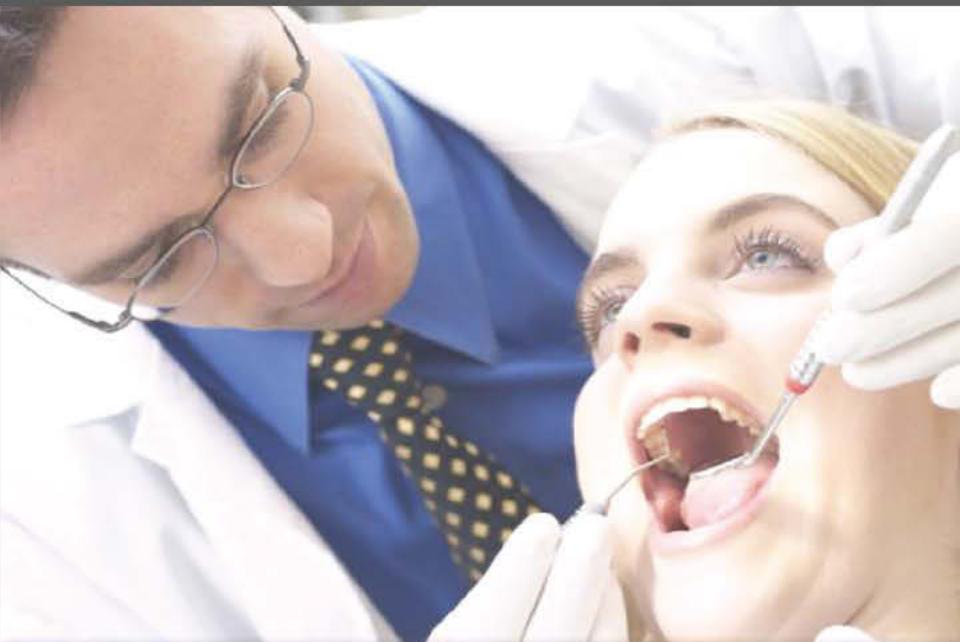
Endodontic therapy is a sequence of treatment for the pulp of a tooth which results in the elimination of infection and protection of the decontaminated tooth from future microbial invasion. This set of procedures is commonly referred to as a "root canal." Root canals and their associated pulp chamber are the physical hollows within a tooth that are naturally inhabited by nerve tissue, blood vessels and other cellular entities. Endodontic therapy involves the removal of these structures, the subsequent cleaning, shaping, and decontamination of the hollows with tiny files and irrigating solutions, and the obturation (filling) of the decontaminated canals with an inert filling such as gutta percha and typically a eugenol-based cement.

After endodontic surgery the tooth will "die," and if an infection is spread at apex, root end surgery is required.

Although the procedure is relatively painless when done properly^[citation needed], the root canal remains a stereotypically fearsome dental operation, and, in the United States, a common response to an unpleasant proposal is, "I'd rather have a root canal."

Contents [edit]

- 1 Root canal treatment
- 2 Innovation
- 3 Procedural accidents
- 4 Success and prognosis
- 5 Systemic issues
- 6 Alternatives to root canal treatment
- 7 See also
- 8 References
- 9 External links



Busca una solución
en Internet?

...o busca un
dentista?

















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プレゼント!
ご購入料金はお早めに!
クリスタルはストラップが付くなり
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マルチメディアの新規登録

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専門店 Yodobashi Camera

Nikon
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Nikon
D70s

Nikon

ヨドバシカメラ
D70s
デジタル一眼レフカメラ
¥183,800
EX-ELCET

Yodobashi Camera

THE COMPANIES

U.S.

- Boeing
- Spirit
- Vought
- GE
- Goodrich

CANADA

- Boeing
- Messier-Dowty

AUSTRALIA

- Boeing

JAPAN

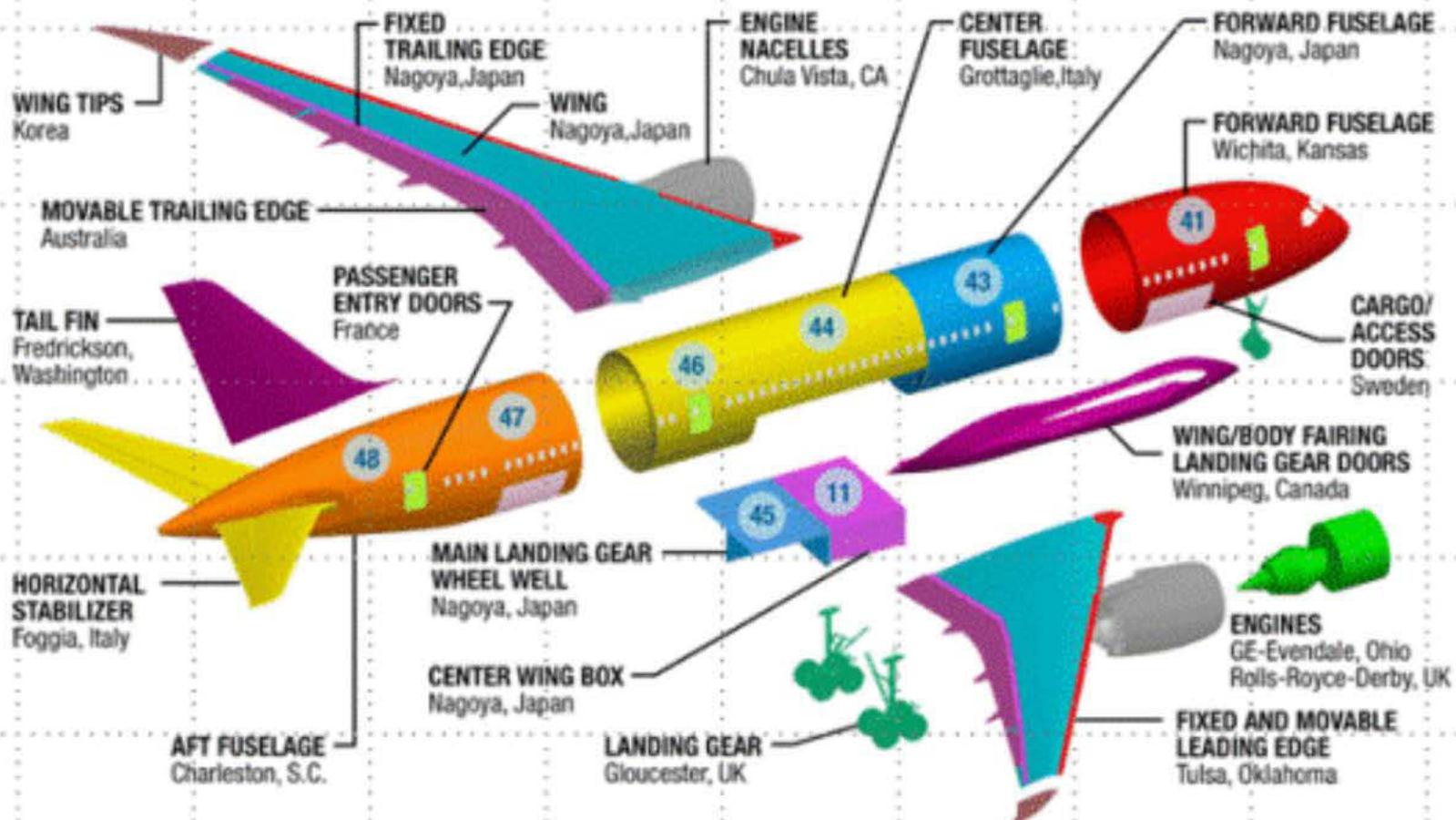
- Kawasaki
- Mitsubishi
- Fuji

KOREA

- KAL-ASD

EUROPE

- Messier-Dowty
- Rolls-Royce
- Latecoere
- Alenia
- Saab







La Teoría de Scrabble del Desarrollo Económico





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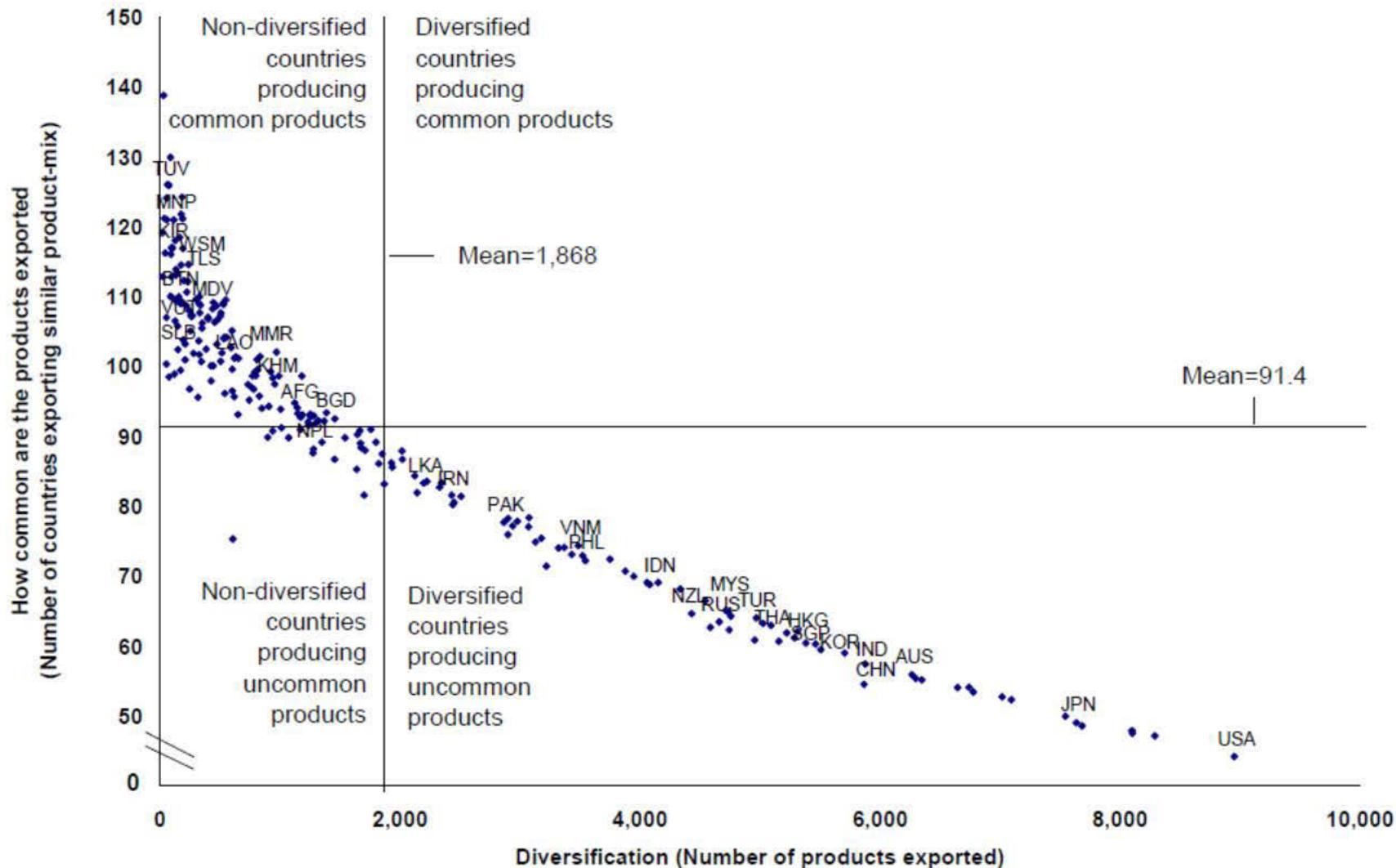


cilantros	clangors	ratlings	agnosic	carlots	closing	garcons
contrails	clarinos	roasting	agonist	carotin	coaling	garlics
gnostical	clarions	saltoing	alnicos	carting	coating	gastric
nostalgic	clarting	scarting	alongst	cartons	coltans	gastrin
triclosan	coasting	sclating	angicos	casting	colting	girasol
agnostic	coatings	slarting	anglist	cations	contras	gitanos
antilogs	congrats	solacing	antilog	catling	cornist	glorias
calorist	contrail	solating	arcings	catlins	cortina	gnostic
cantoris	cortinas	starling	argotic	cistron	cortins	gratins
carlings	cotingas	tonsilar	arooints	citolas	costing	ignaros
caroling	locating	tracings	atonics	citrals	cotinga	lacings
carotins	oracling	trigonal	caligos	citrons	crating	lasting
castling	organics	actings	cantors	clangor	cratons	latigos
catlings	organist	actions	carling	clarino	crotals	latinos
cilantro	rangolis	agistor	carlins	clarion	gallots	latrons



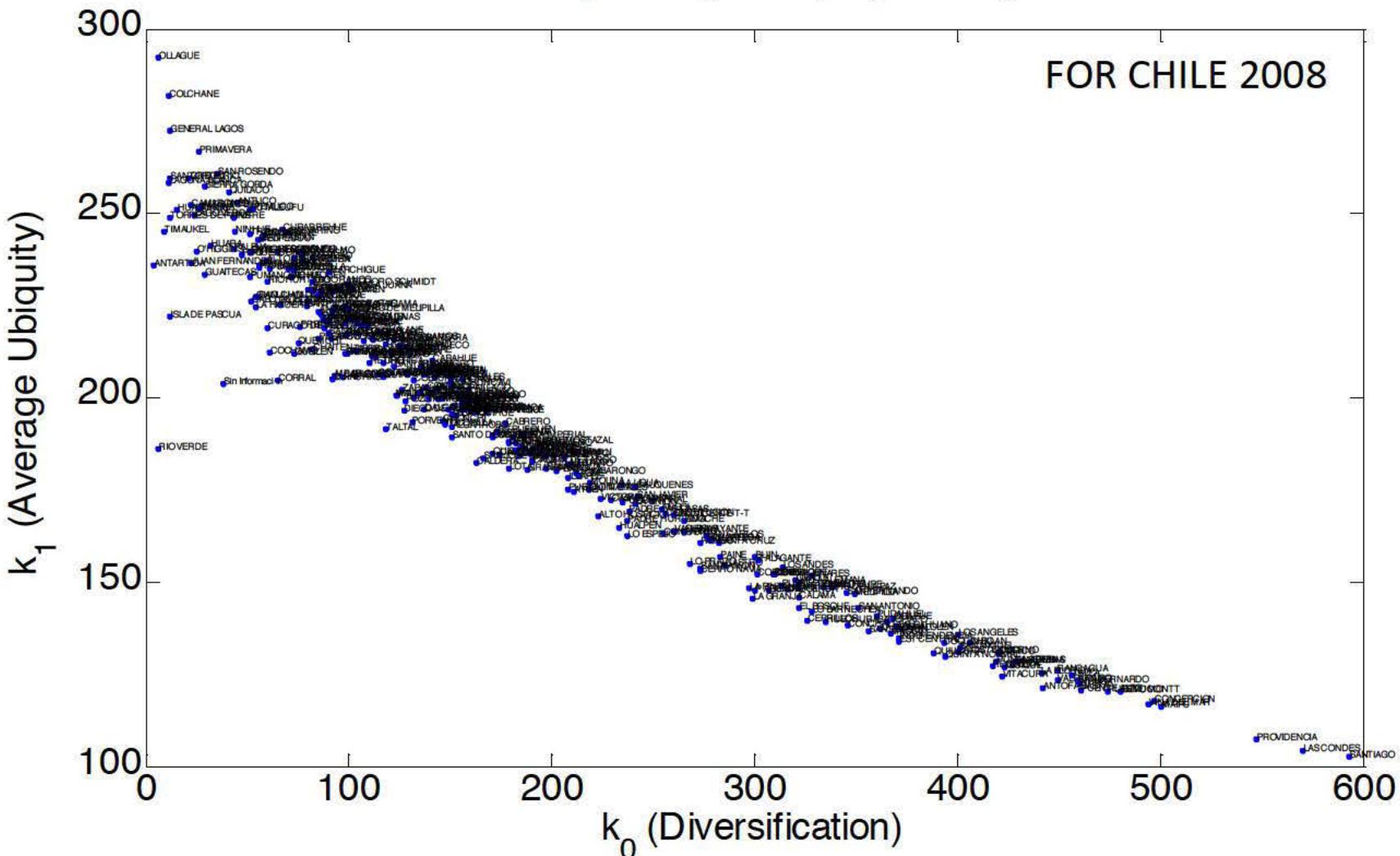


Ubicuidad vs. diversificación

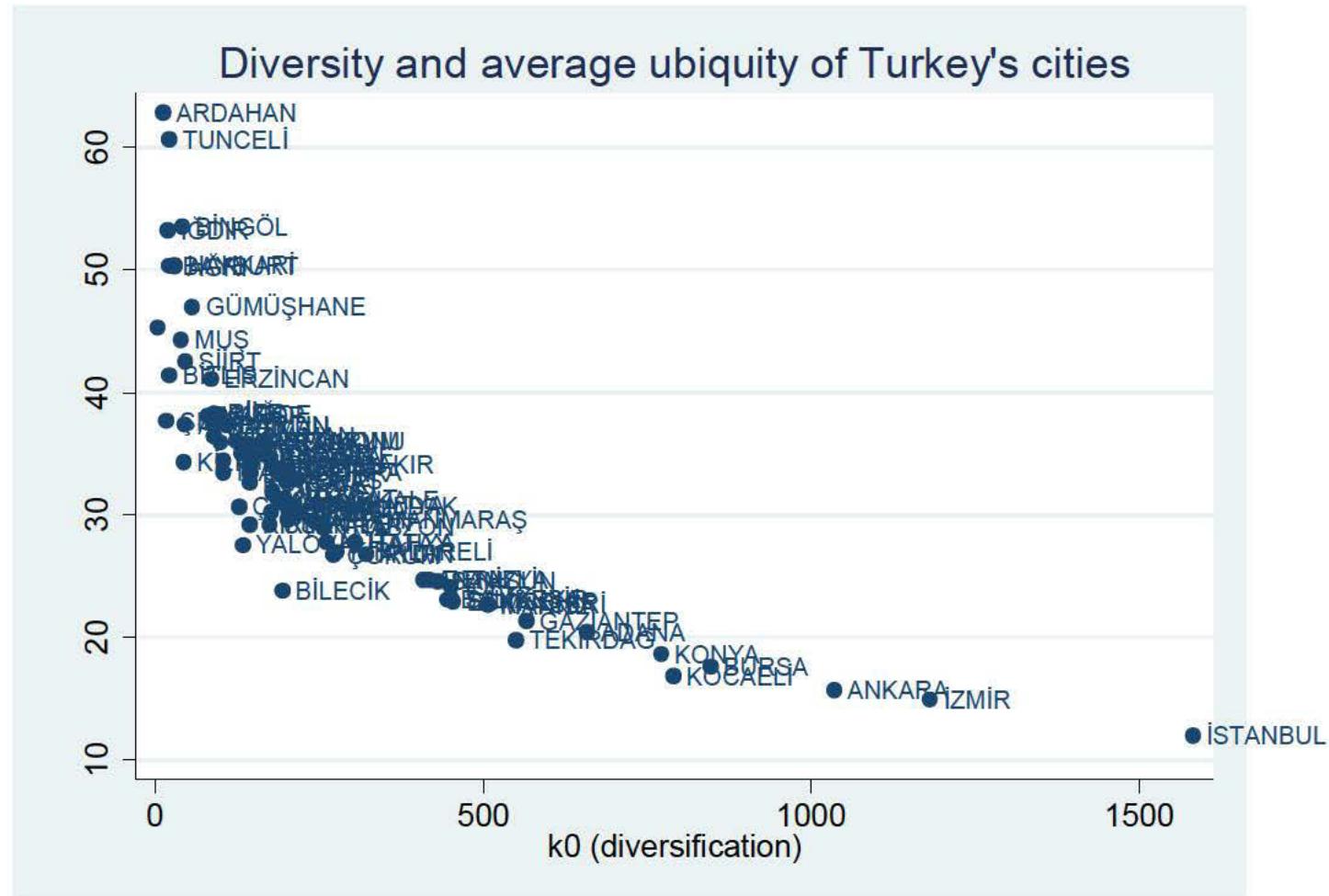


Municipalidades de Chile

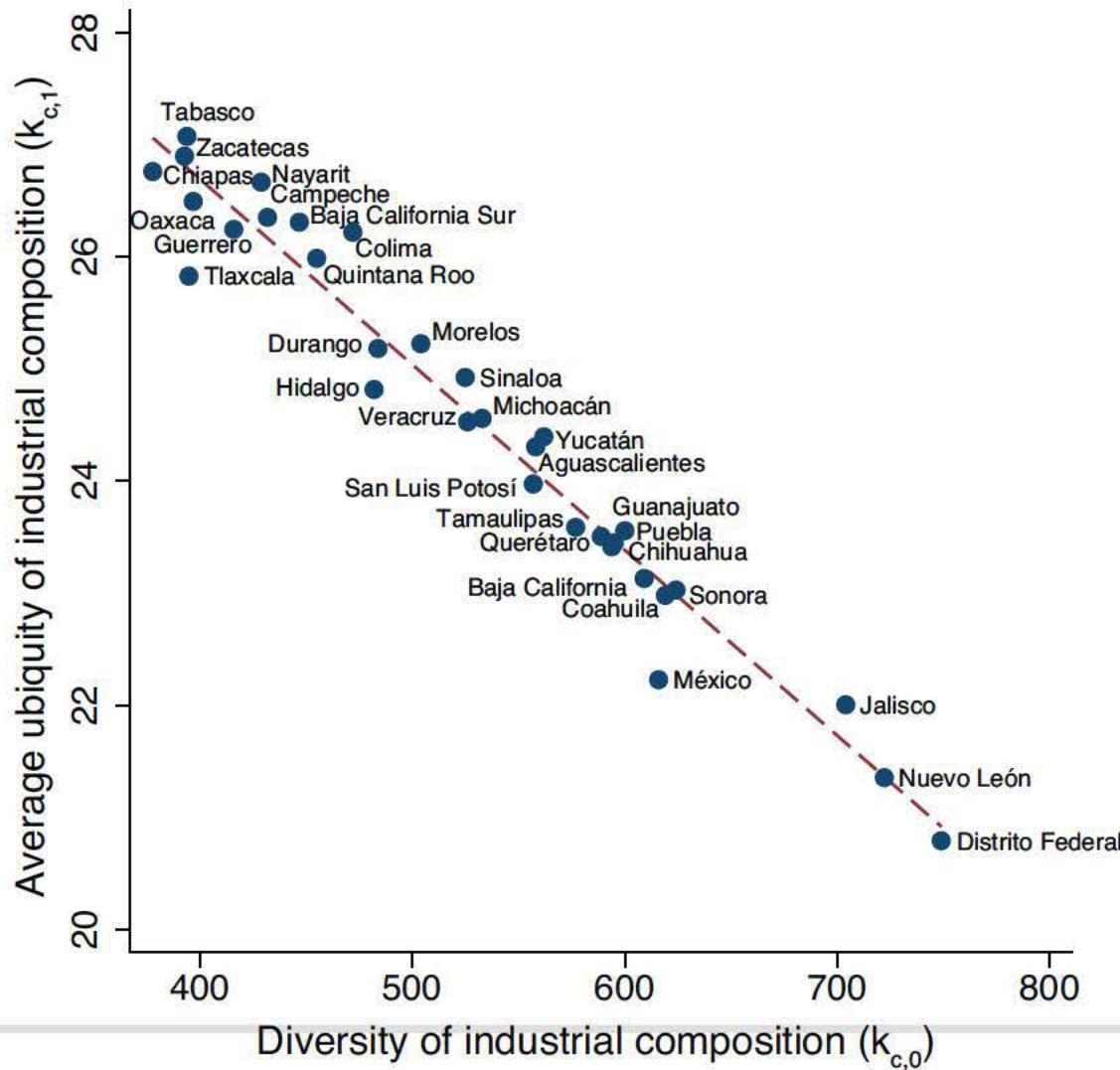
Diversity-Average Ubiquity Municipalities



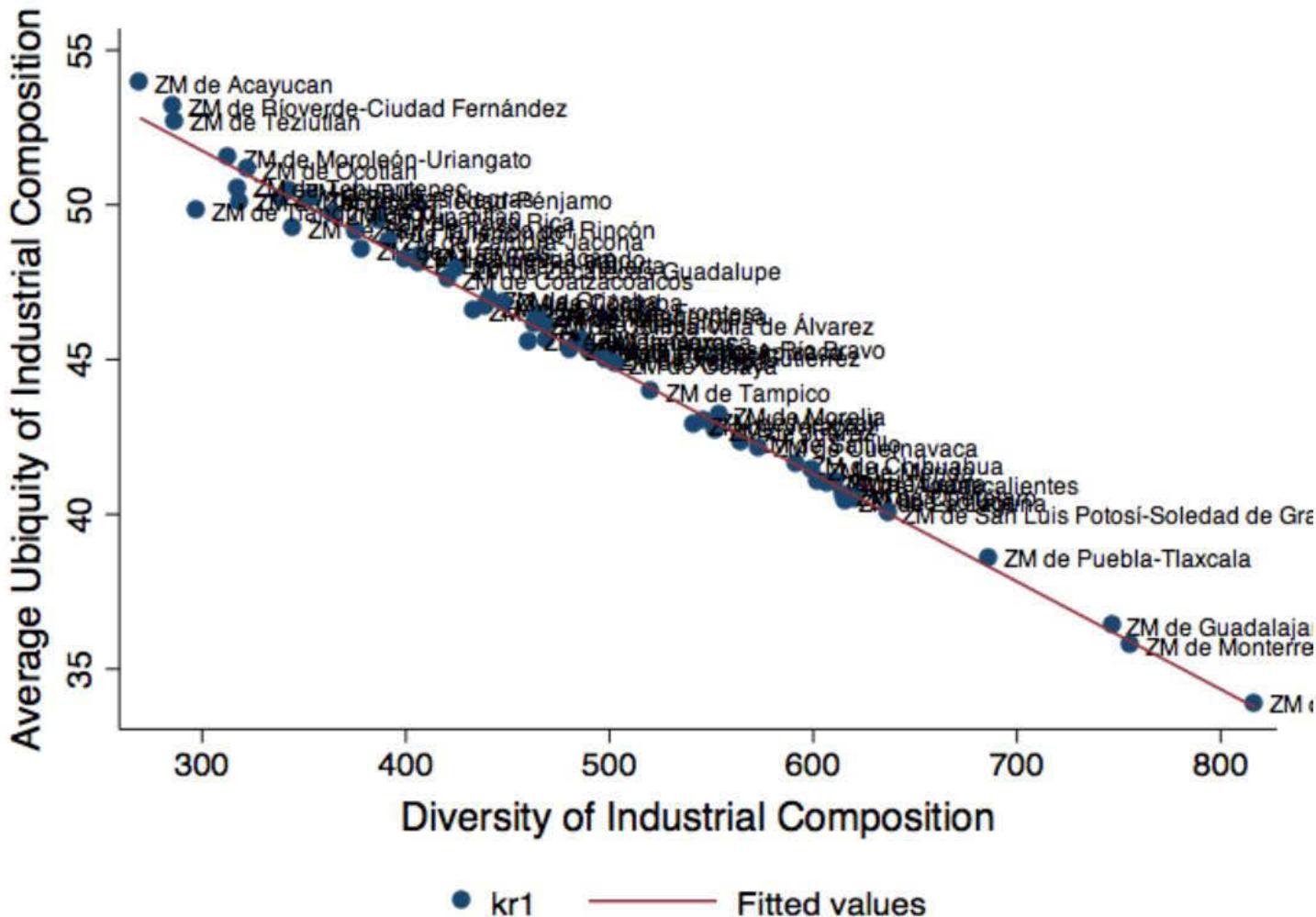
Turquía



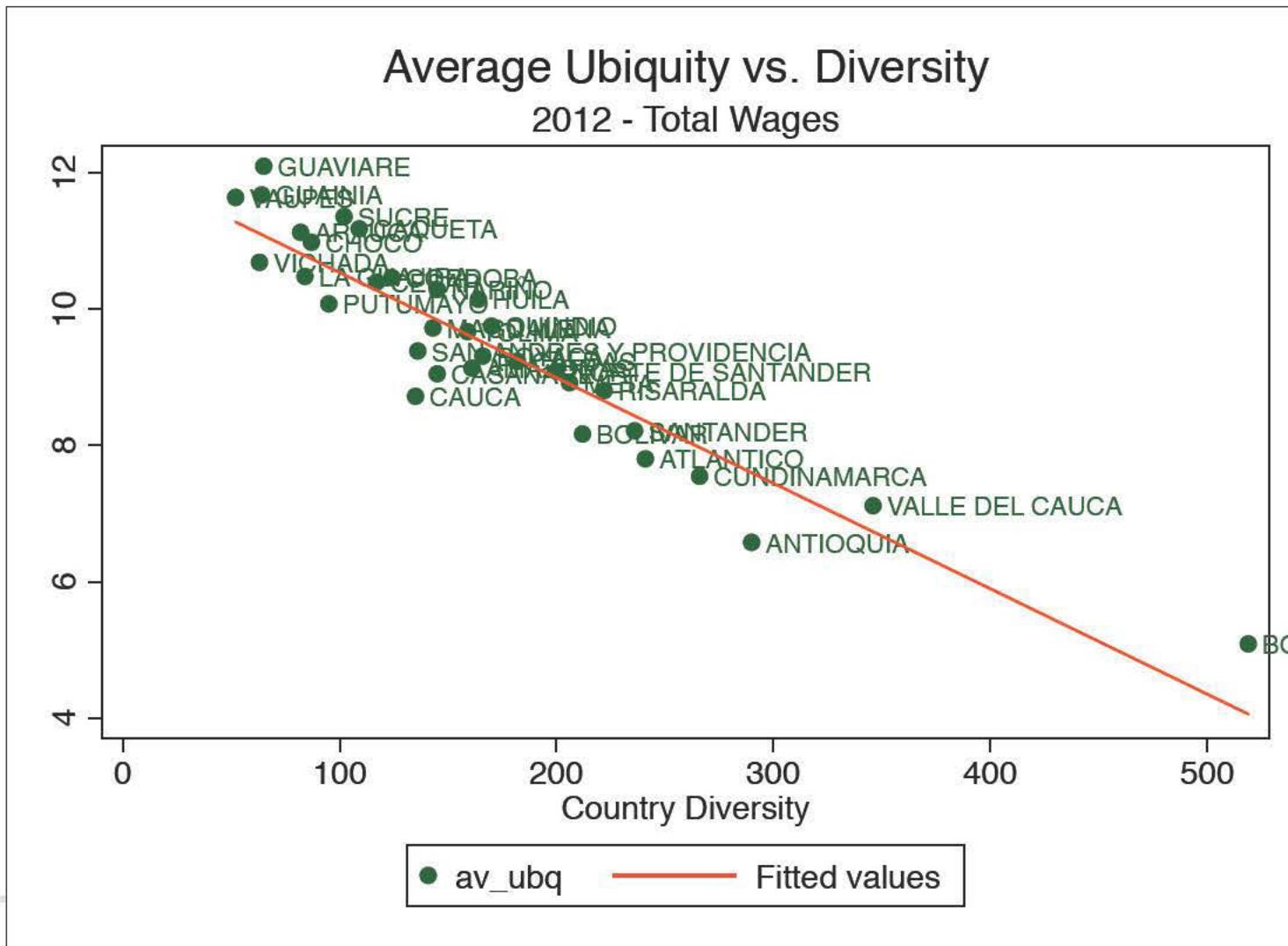
Estados Mexicanos



Ciudades Mexicanas

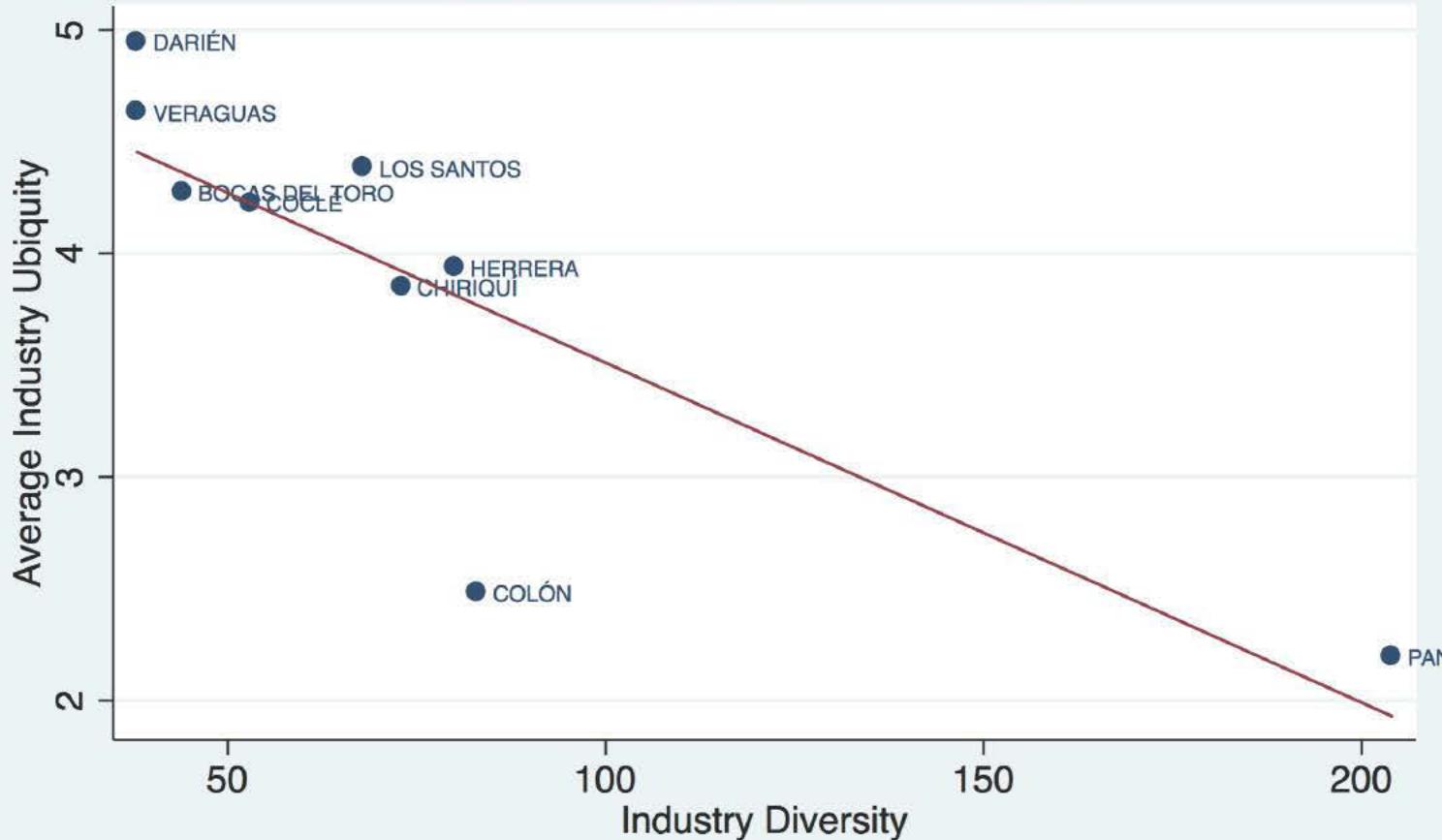


Departamentos de Colombia



Provincias de Panamá

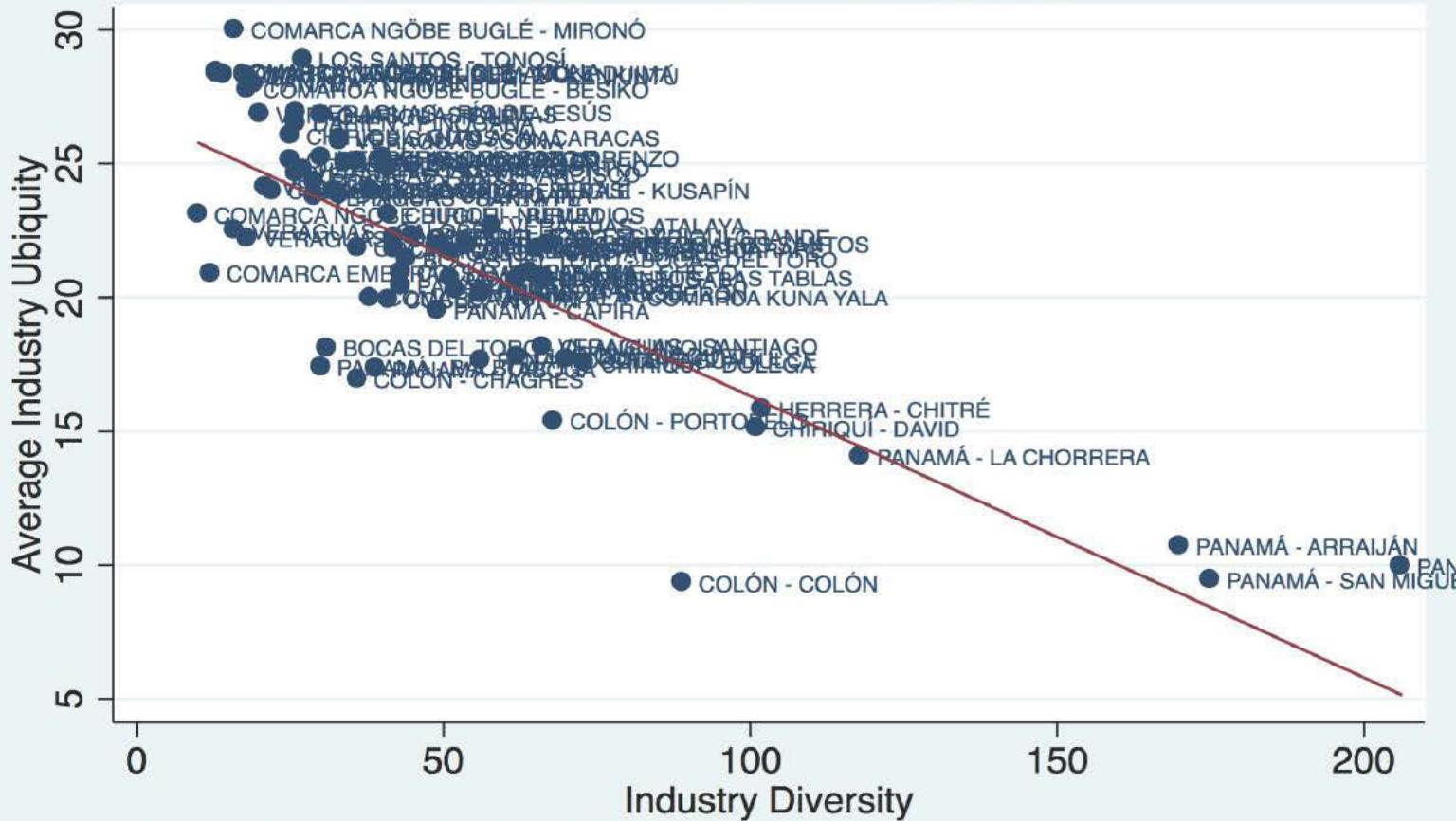
Diversity vs. Av. Industry Ubiquity
Panamanian Provinces, Year 2010



Sources: INEC and Own Calculations

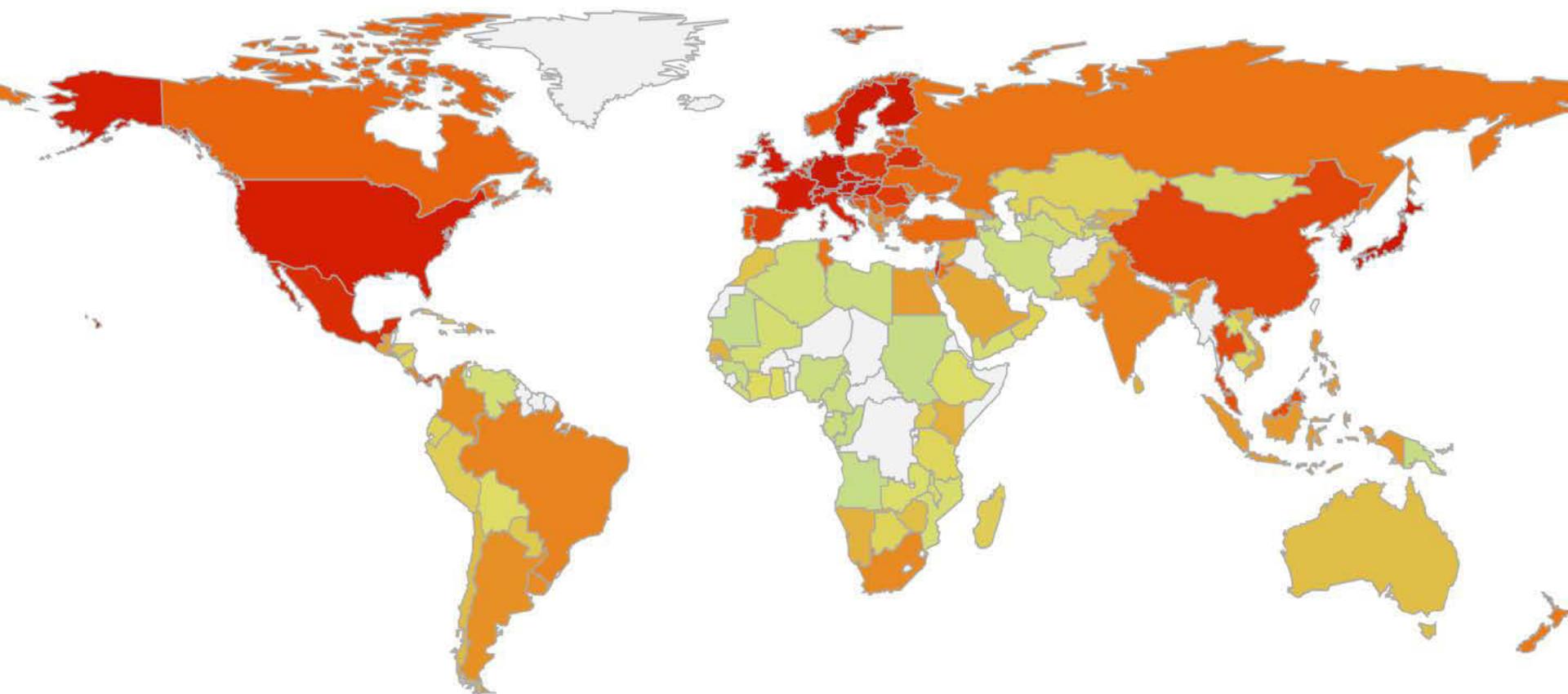
Distritos de Panamá

Diversity vs. Av. Industry Ubiquity Panamenian Districts, Year 2010



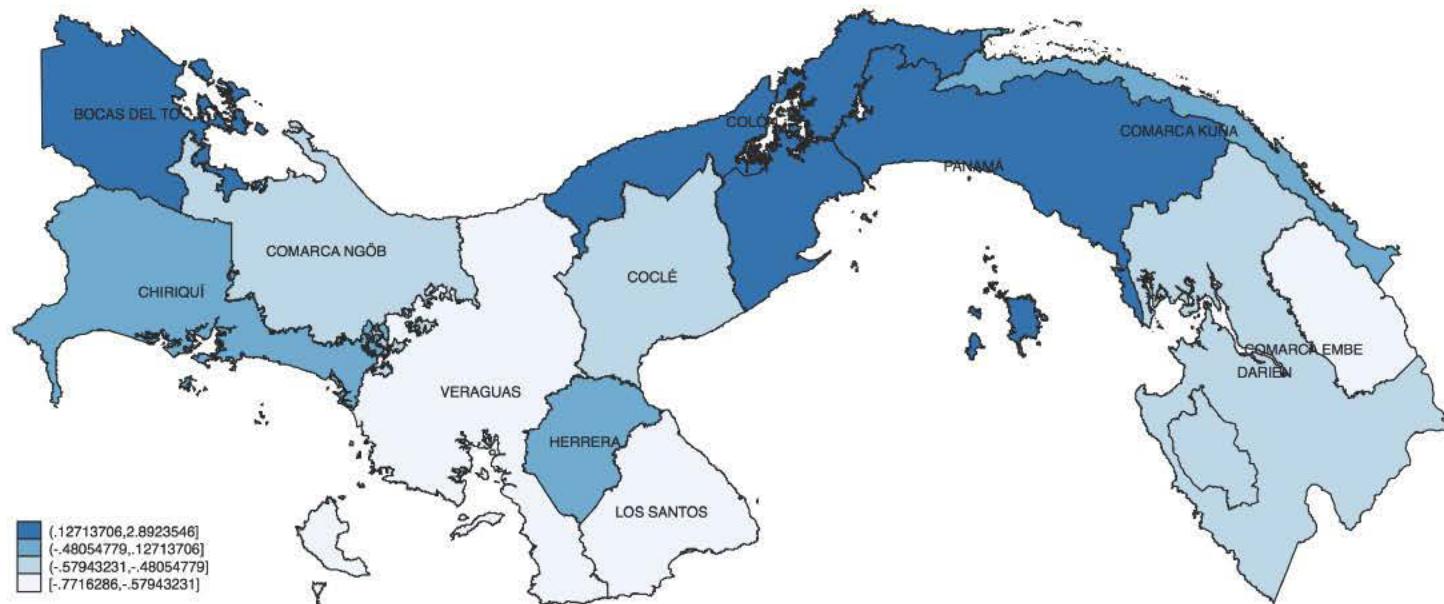
Sources: INEC and Own Calculations

Economic Complexity Index



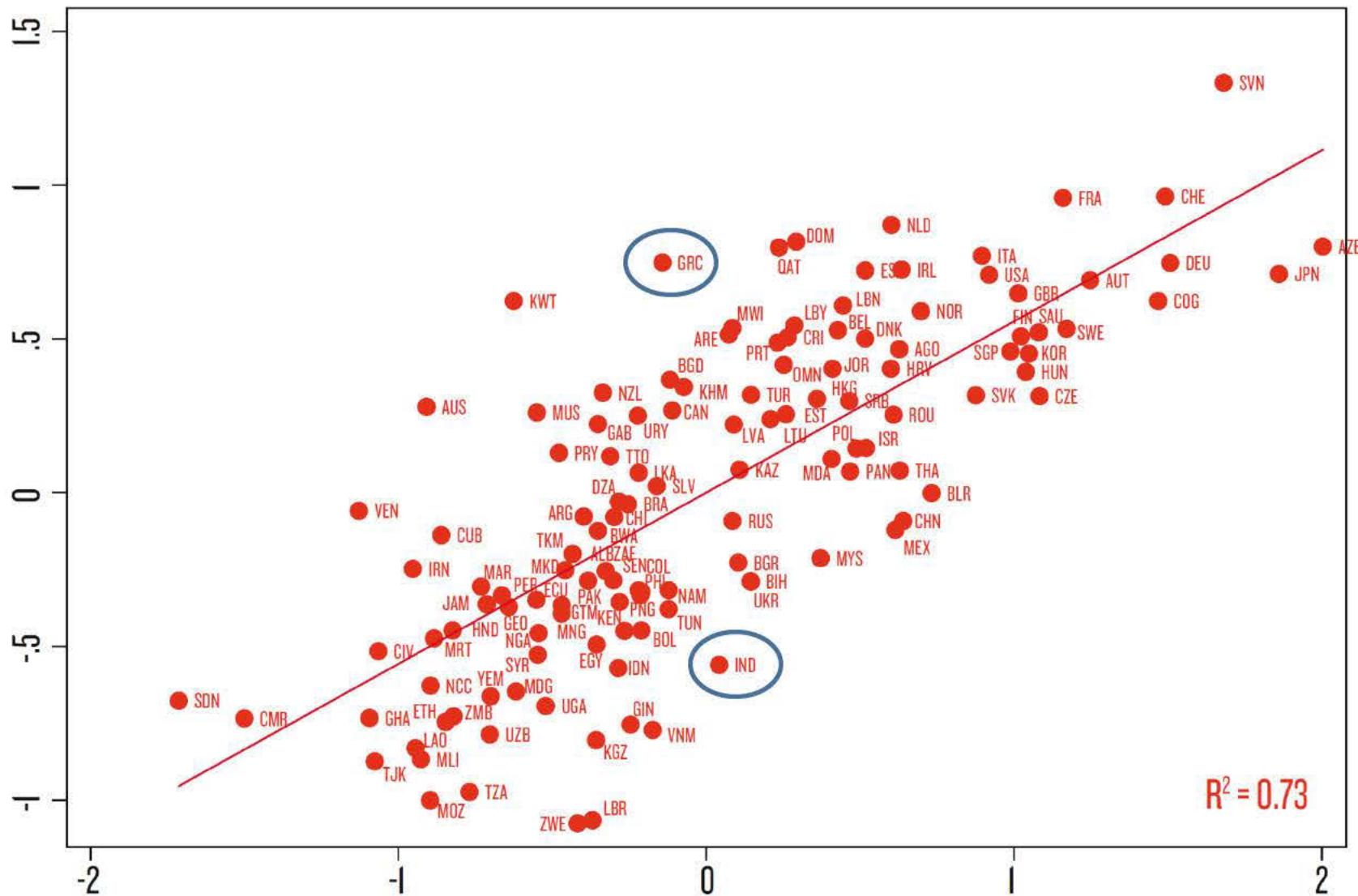
Economic Complexity Index

Economic Complexity Index per Province
Year 2010



Source: 2010 Population Census and Own Calculations

Income per capita controlling for initial income and proportion
of natural resource exports per capita in logs [2008]



Economic Complexity Index controlling for initial income and proportion
of natural resource exports per capita in logs [2008]

Como acumular letras?



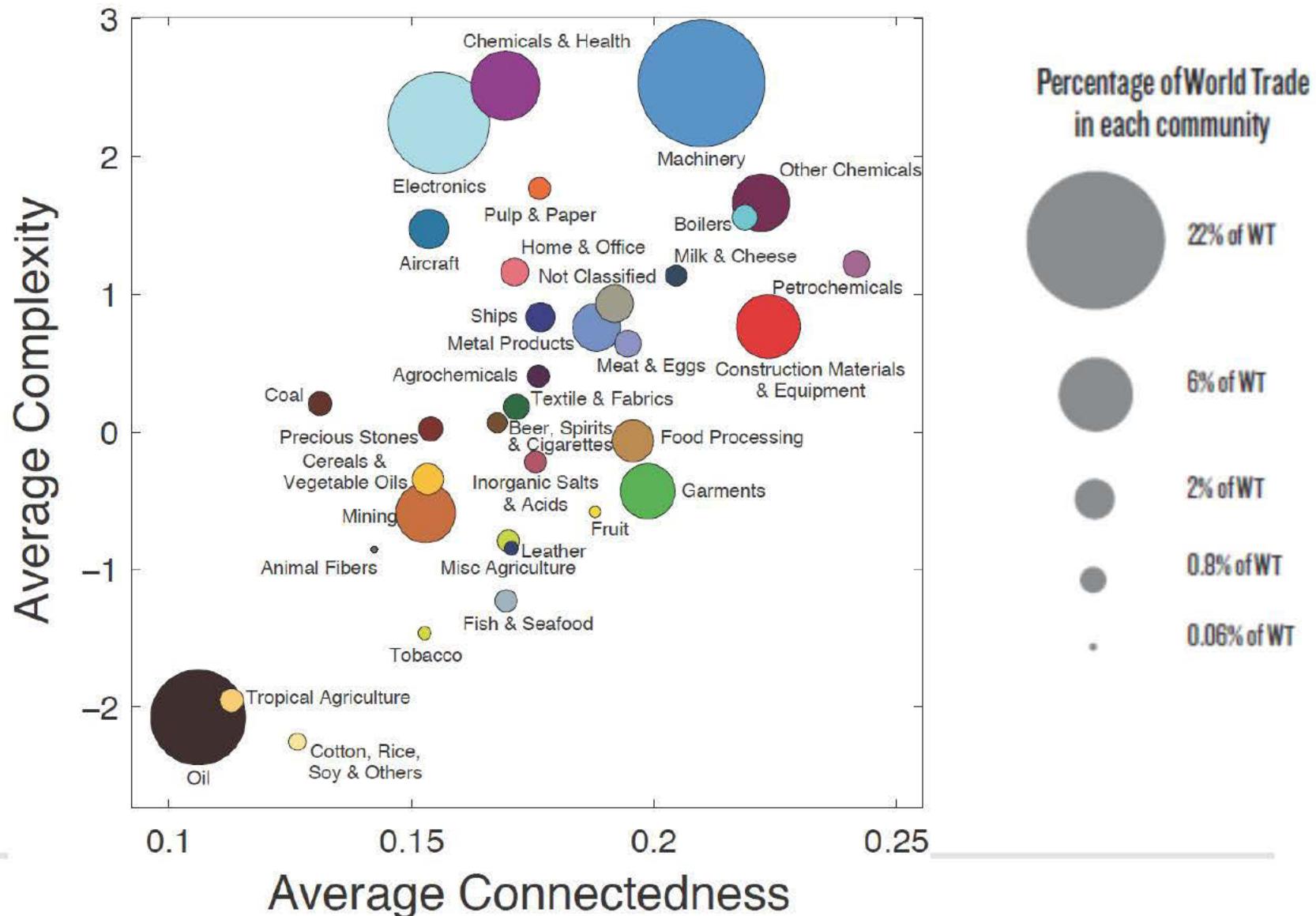


El mapa del bosque



Community characteristics: Complexity,

Connectedness and Market Size

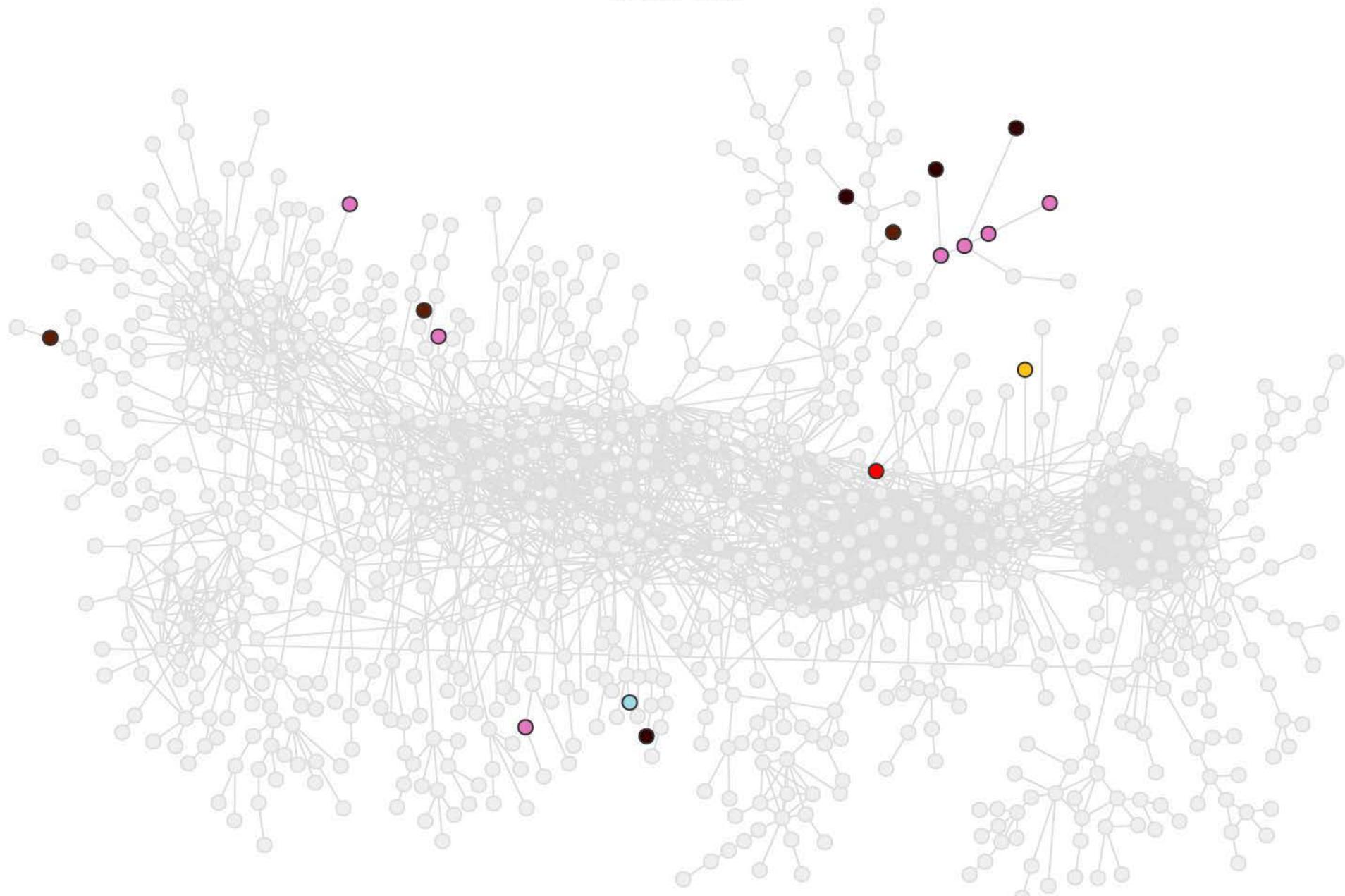


Donde están los monos?

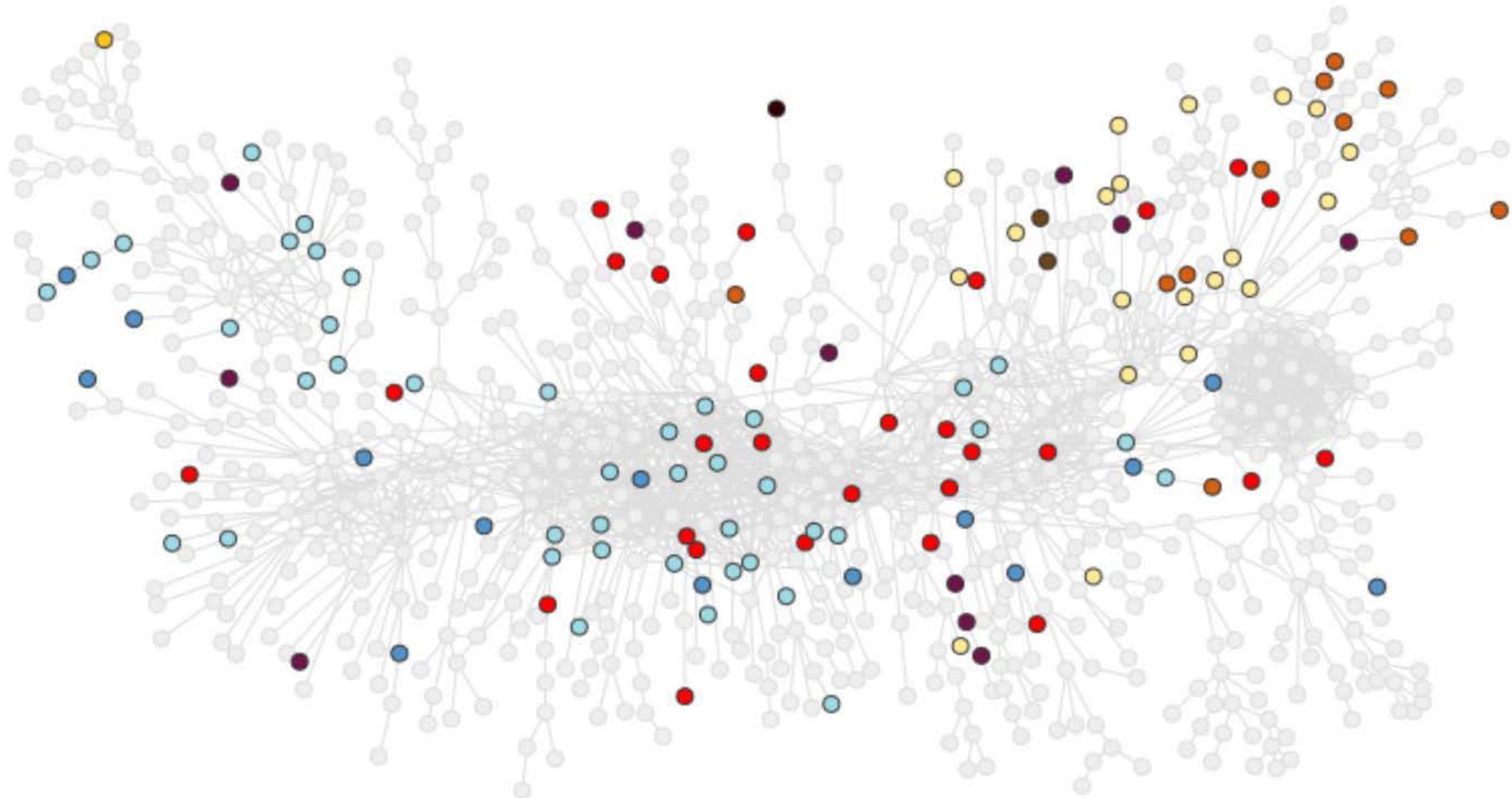


Venezuela 2013

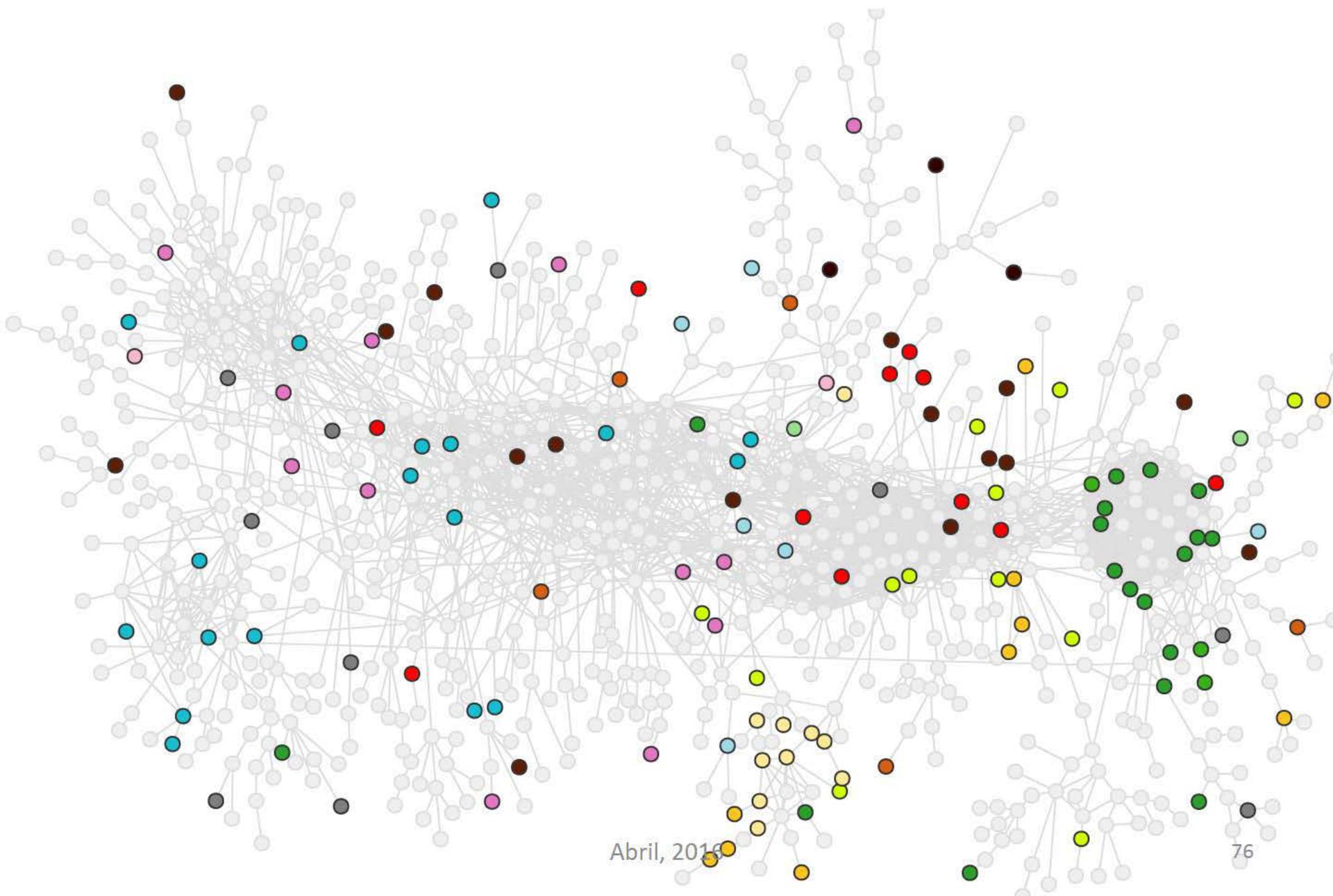
\$66.5B USD



\$361B USD
Mexico 2013



Panama 2014

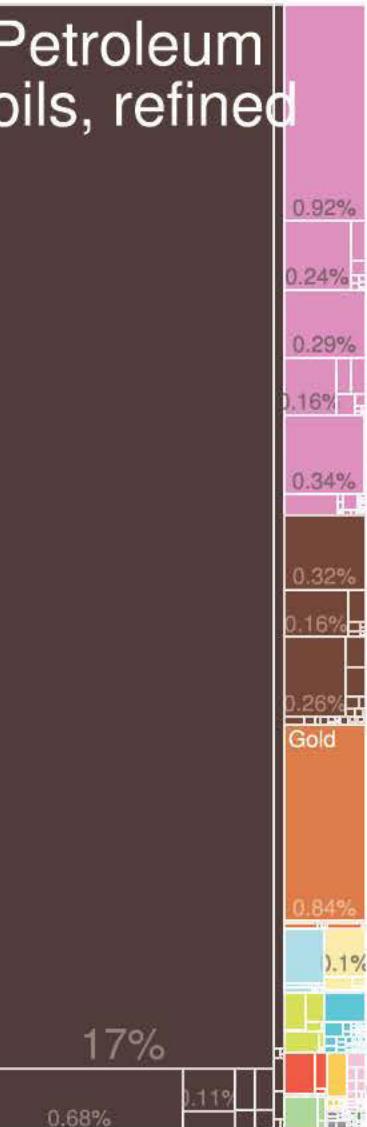


Venezuela 2014

\$66.6B USD

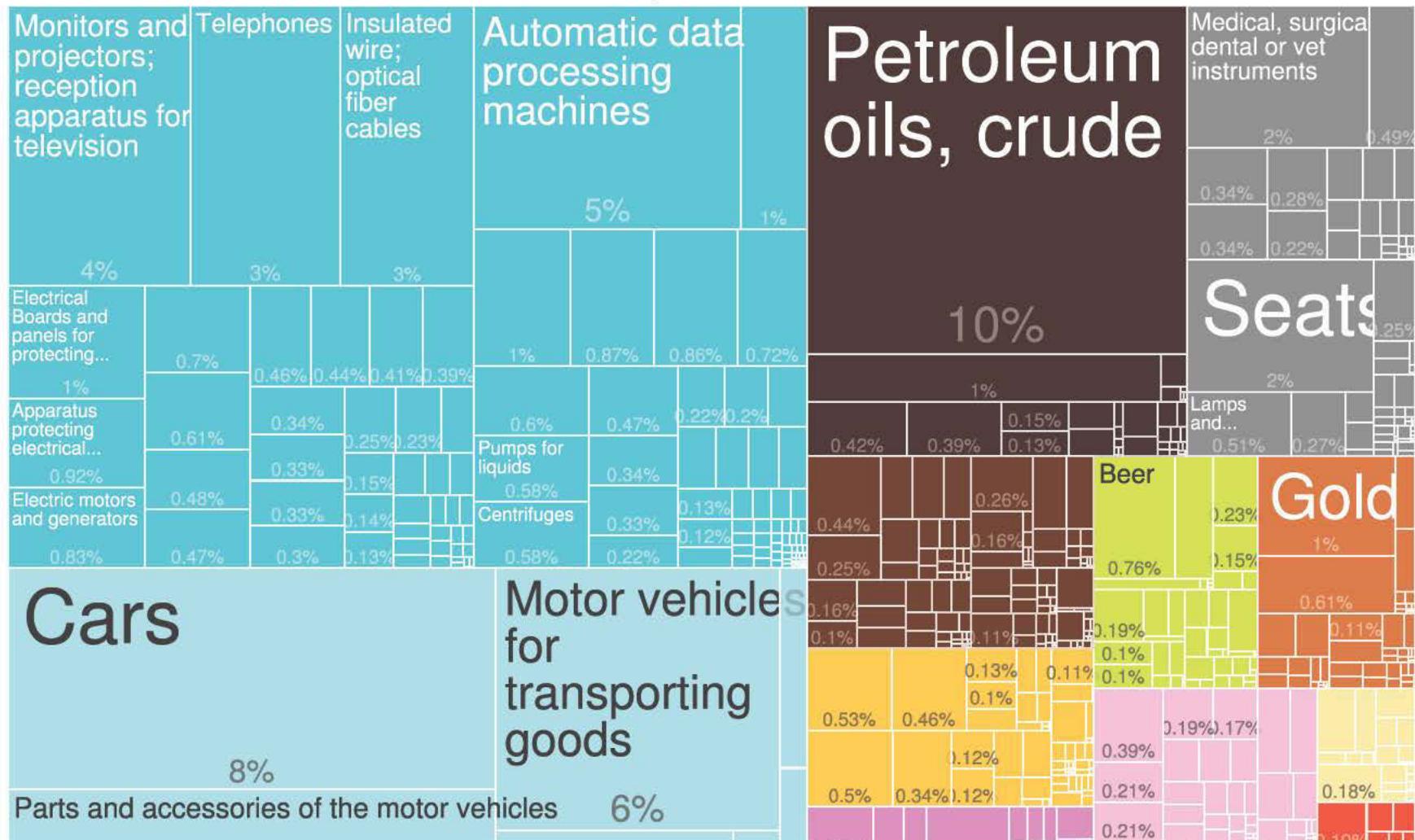
Petroleum oils, crude

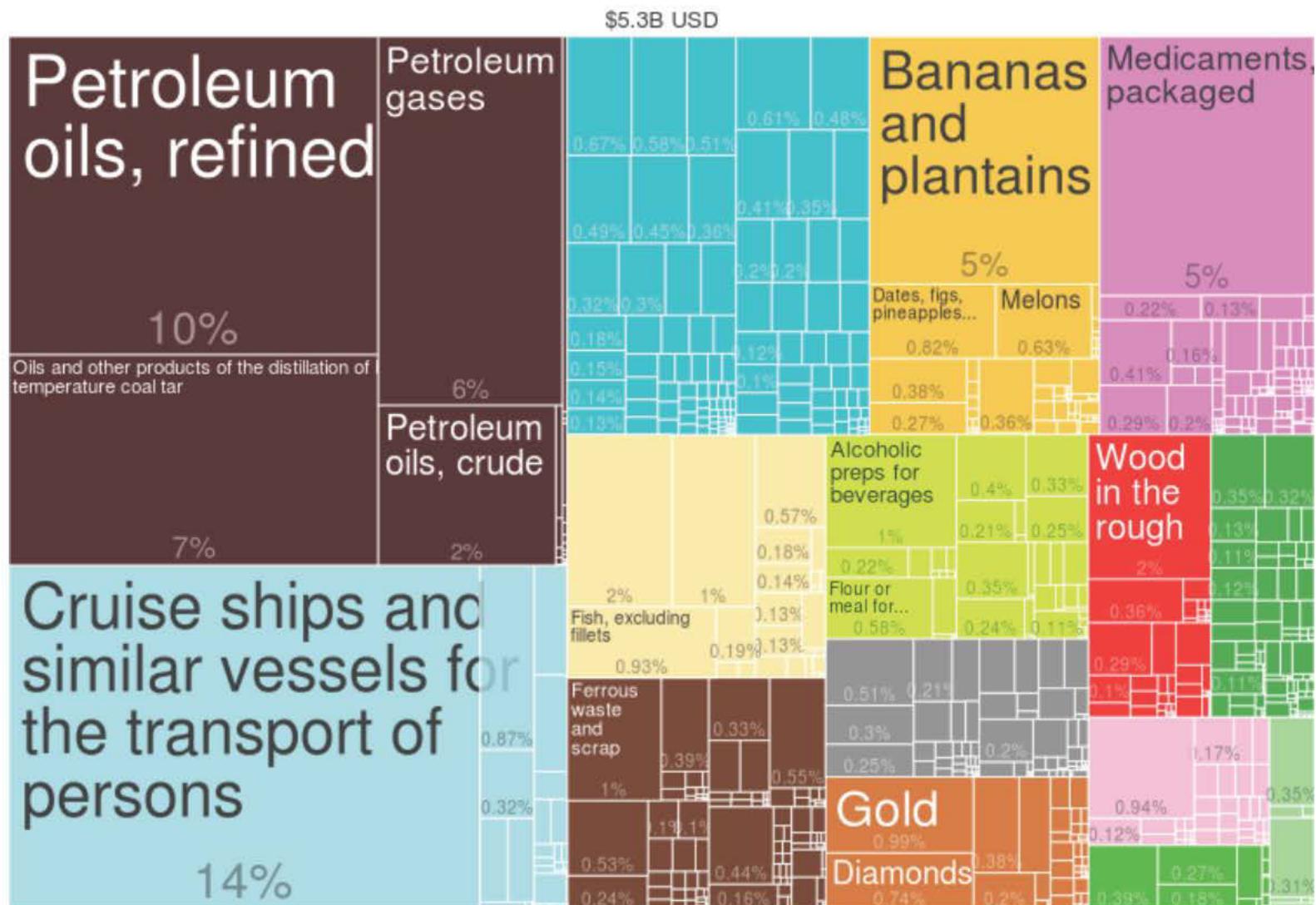
Petroleum oils, refined



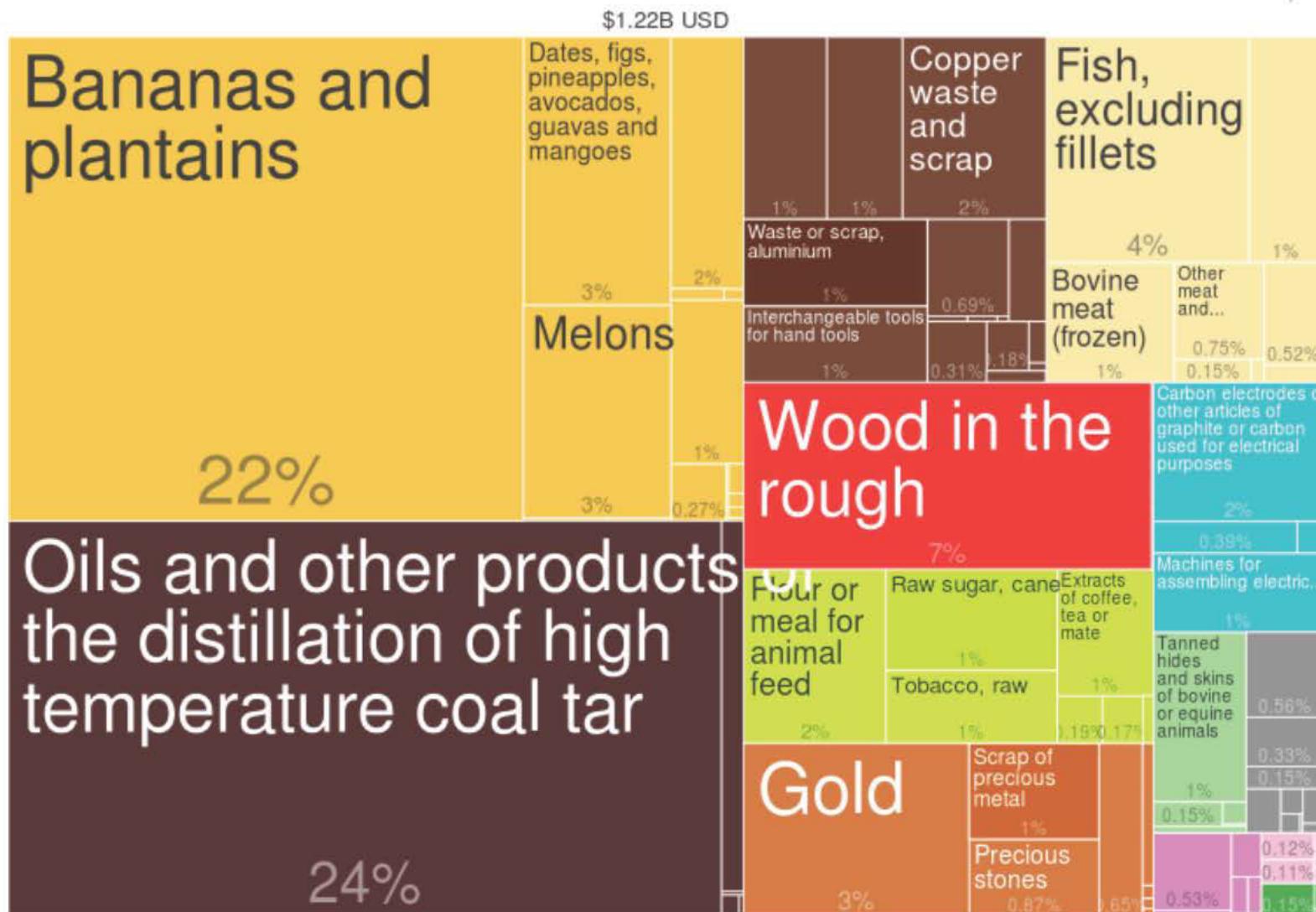
77%

Mexico 2014

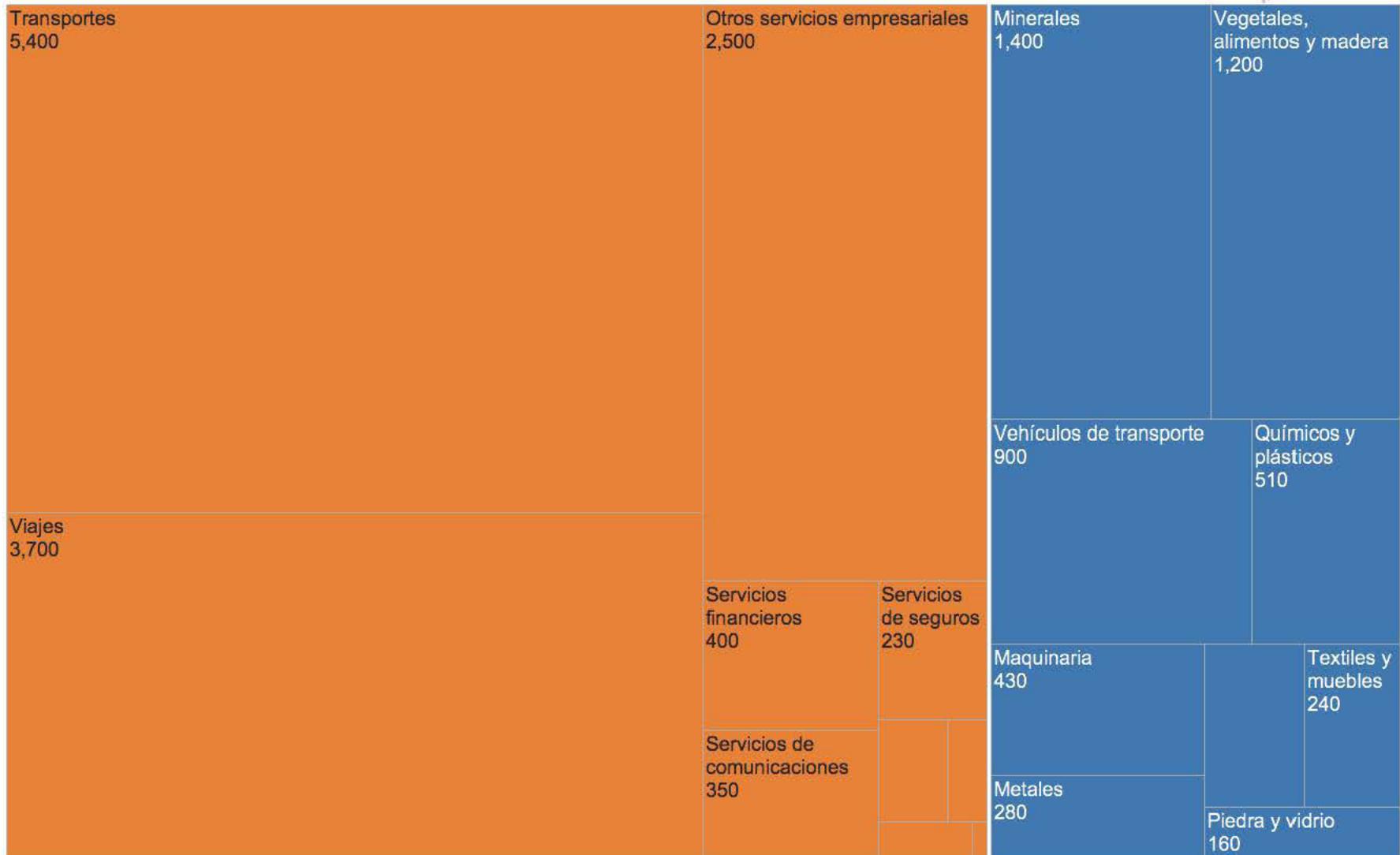




Panama exportaciones netas por rubro



Panama: exportaciones de bienes y servicios



Panamá-Pacífico



WARTSI

3M

3PL Panama
AB Network
Advanced Biocontrollers
AFTA - Insurance Services
Agencia de Aduanas Sellhorn
Aggreko
Airpro Componentes
Albacrome Panama
Alliance Transport Logistics
APC (Asociacion Panameña de Crédito)
Arsenal Industries
Arturo Araúz
Associated Steamship Agents
Atlas Copco
Avetti Global Services
Avon
Banco General
Banistmo
Barwil Agencies
BASF
Biomin Panama
Biosin Rexroth Group
Boyd Steamship Corporation
C.B. Fenton & Company
C. Ferrie & Co
Cable & Wireless Panama
Cabo Drilling
Cafe Maritanos
Canal Supplies
Canal Transit Services
Canarias Logistica
CargoTec USA
Casco Safety
Caterpillar
Citibank
Cochlear Latino America
Colvecom Softel
Compañía de Seguridad y Protección Isthmeña

Composite Pacifico

Consultia IT Panama
Consultores Urbanos Panama
Covidien
Credicorp Bank
CTC Administradora
Cummins
Earthwater Technologies Inc.
Ecotécnica Agroindustrial
Edificar Panama
EGSA
El Asador
Escarh de Panama
Escuela Francesa Paul Gaugin
Eurotools Latinoamérica
Farmacias Arrocha
FCC Industrial
Flavor Infusion Internacional
Forkliftcenter Americas
Fruteria Deli
Garal Bravetek
Gateway Transit Limited, Inc.
GEA Central America
Generali
Gianfranco Agency
Global Cold Chain System
Corporation
Global Green Logistics
Grainger
Green Ivory International
Grupo STT
Grupo Unidos Por El Canal
Harbour Shipping Corporation
Herrenknecht Tunneling
Hidropana
Hi Tek Marine
Human Consultants Corp.
Howard Kids Academy
Human Diagnostics
Hydroflo
Intech Marine Panama

Ingenieria y Consultoria PP

IntelData Technologies
Intercontinental Logistics
IP Leather
IT Lab Panama
Katy Quintana de Patterson
King Ocean Internacional de Panama
KIO Networks
Knightsbridge Schools International
KPMG
Latam Activos y Gestión
Latin Bikes
London & Regional Panama
Magen David Academy
Mailboxes Etc.
Manantial Química
Mapix International
Metro Service Logistics
Multimodal Marine
NAAS Panama
Neurologistics, Inc.
NIPRO Medical
Norton Lilly International
Novey
Nuctech
NYCO
OnBoard Logistics
One Stop Shop
Orica Caribe
Osmo Coronado
Pacific Hardware
Pacific Procurement Services
Pan & Canela
Panama Aerospace Engineering
PanamaAmerican Airports
Panama Canal Port Service
Panama Customs Brokers
Panama Pacific Logistic
Panamedica Medical Center &

PharmacyPanCo, S.A.

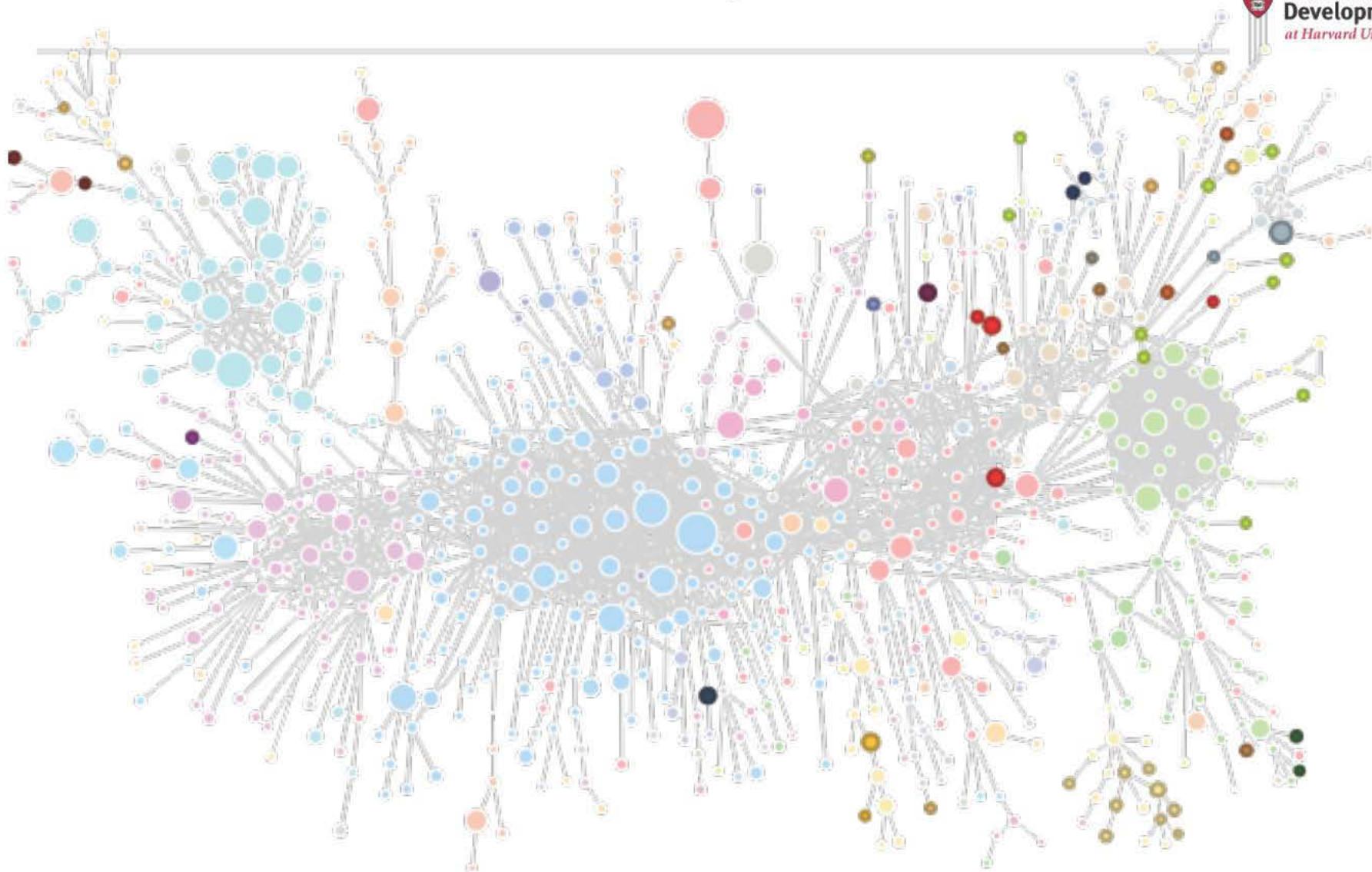
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Penn Accounting and Computer Services Corporation
PIPSA
PowerCLUB
Proyectos y Explosivos
Riba Smith
Rozo & Co.
Quality Freight
Quinx Development
Scotiabank
Sirenis Premium Travelers
Skymaxx Corporation
Subway
Suimport Logistics
Supreme Group Panama
Sushi House
Synergy Global Business Panama
Telered
TLA
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W.R. Grace
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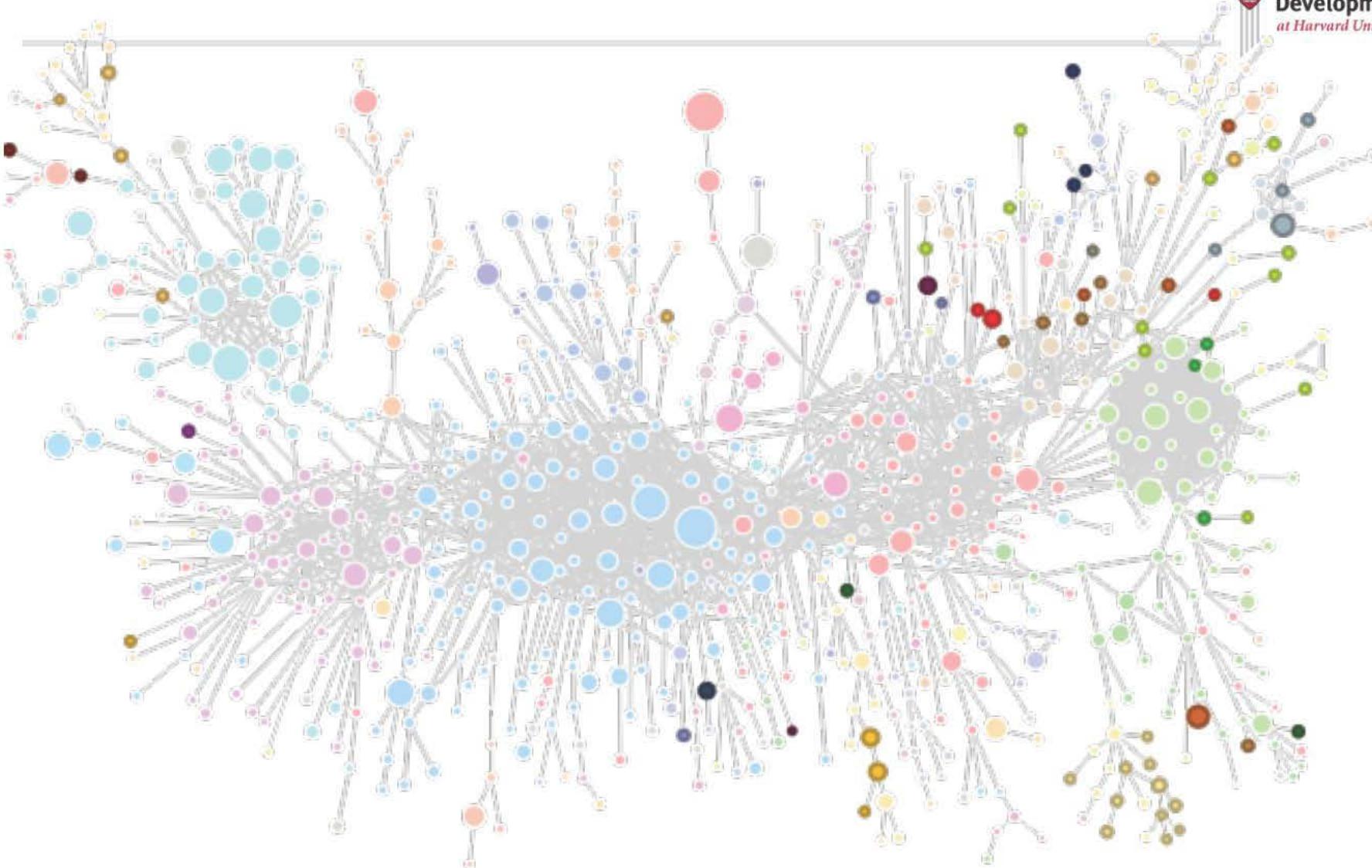
Como saltan los monos?



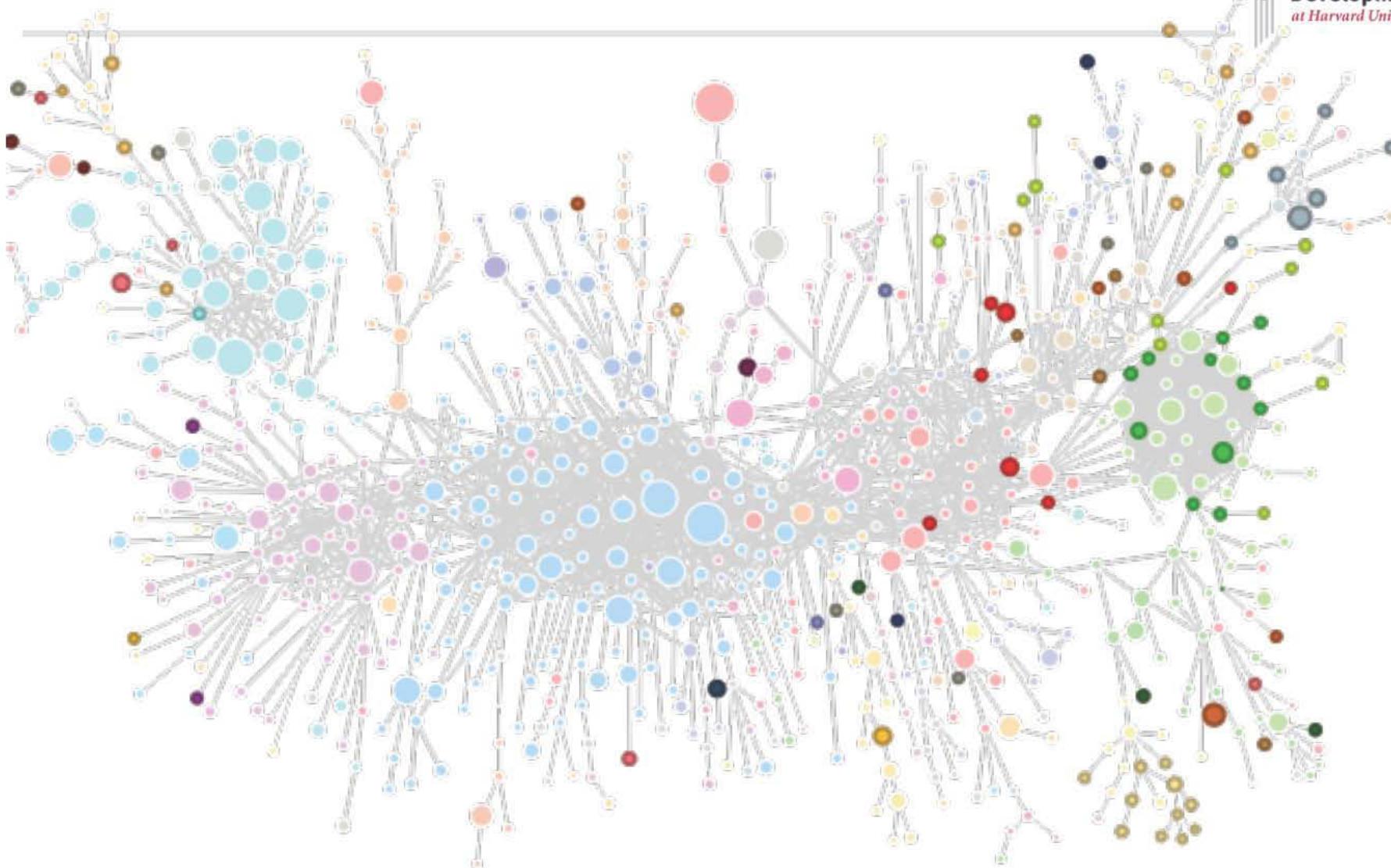
Thailand in the Product Space



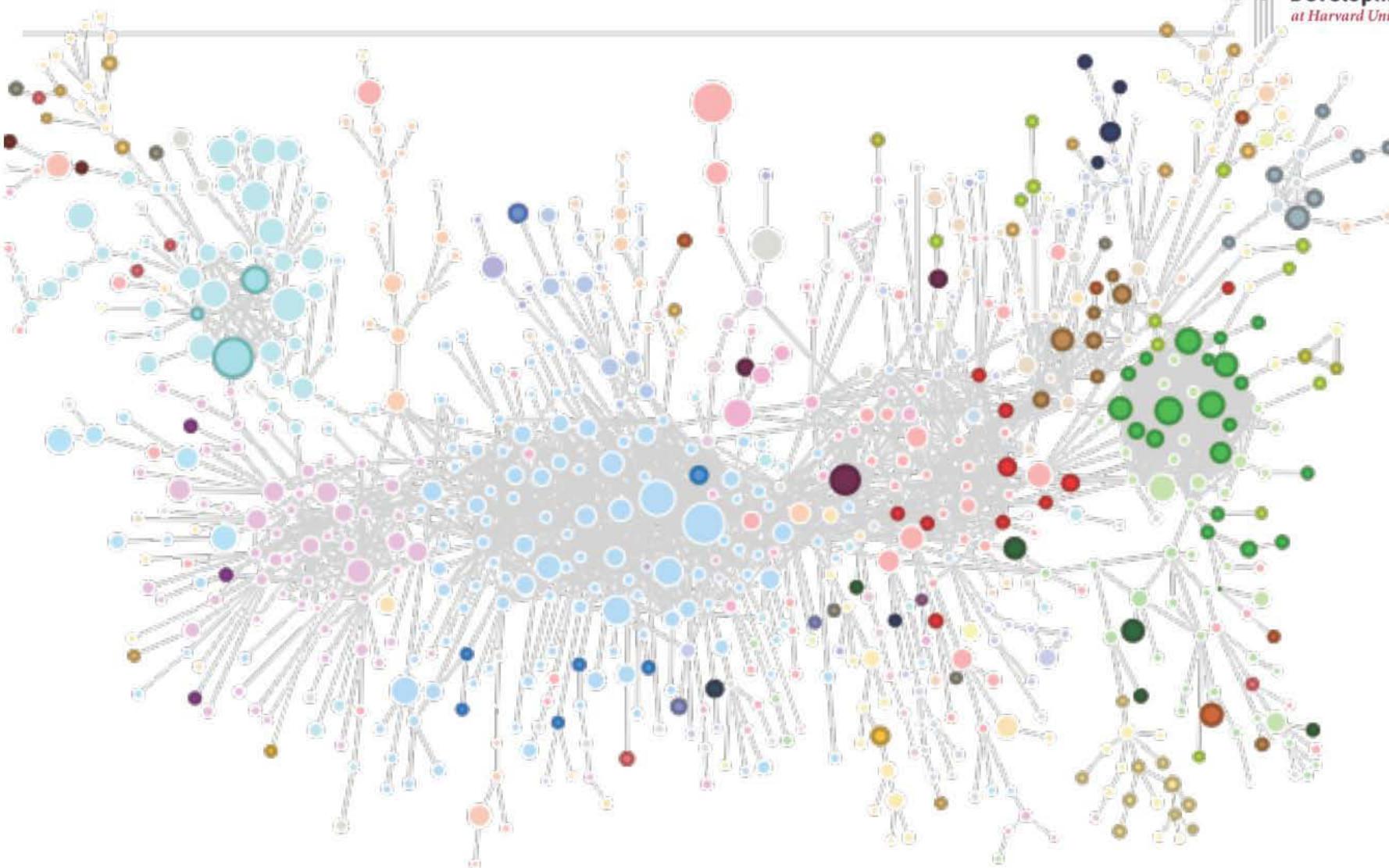
Total Value: \$721,421,000



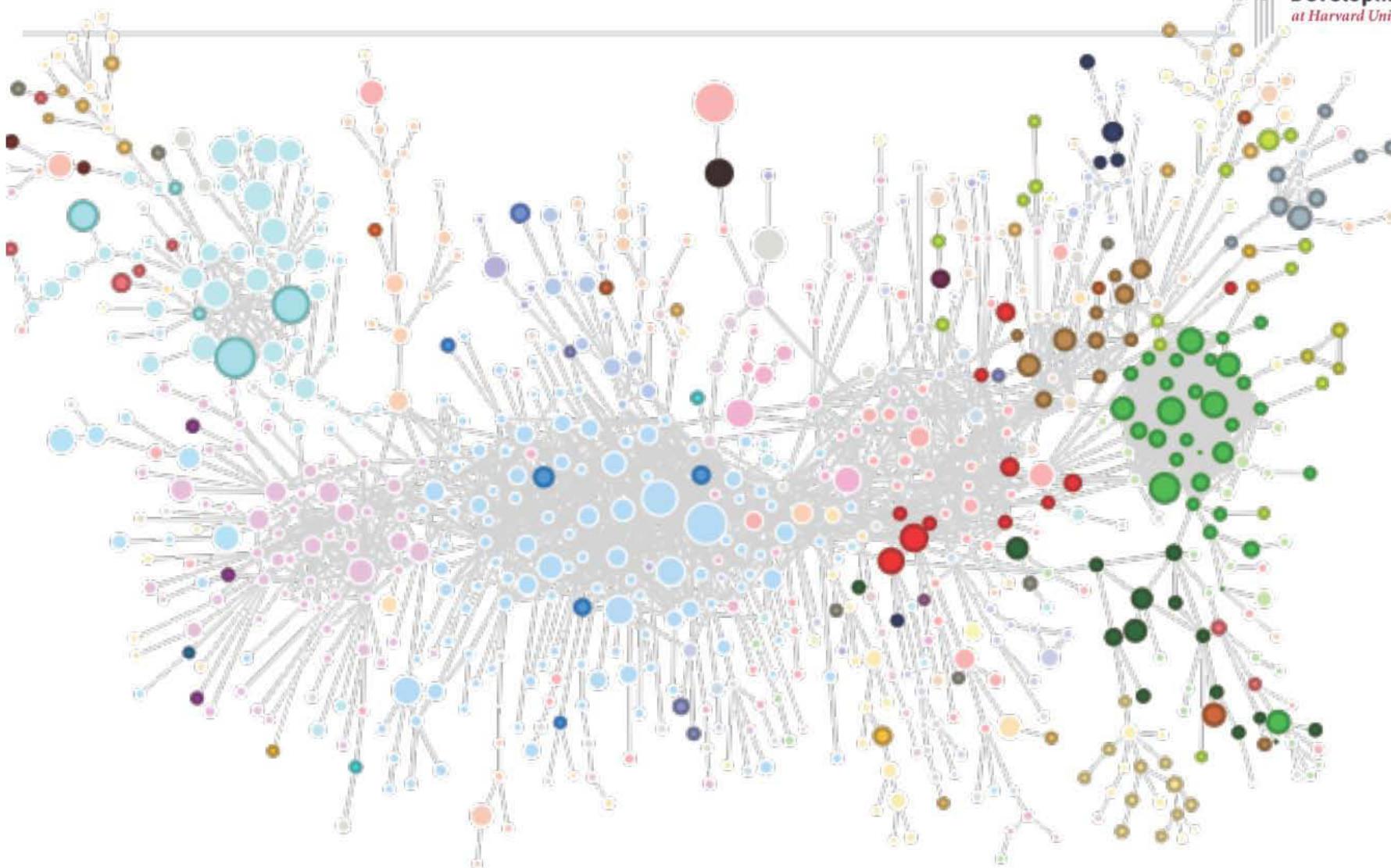
Total Value: \$2,238,988,000



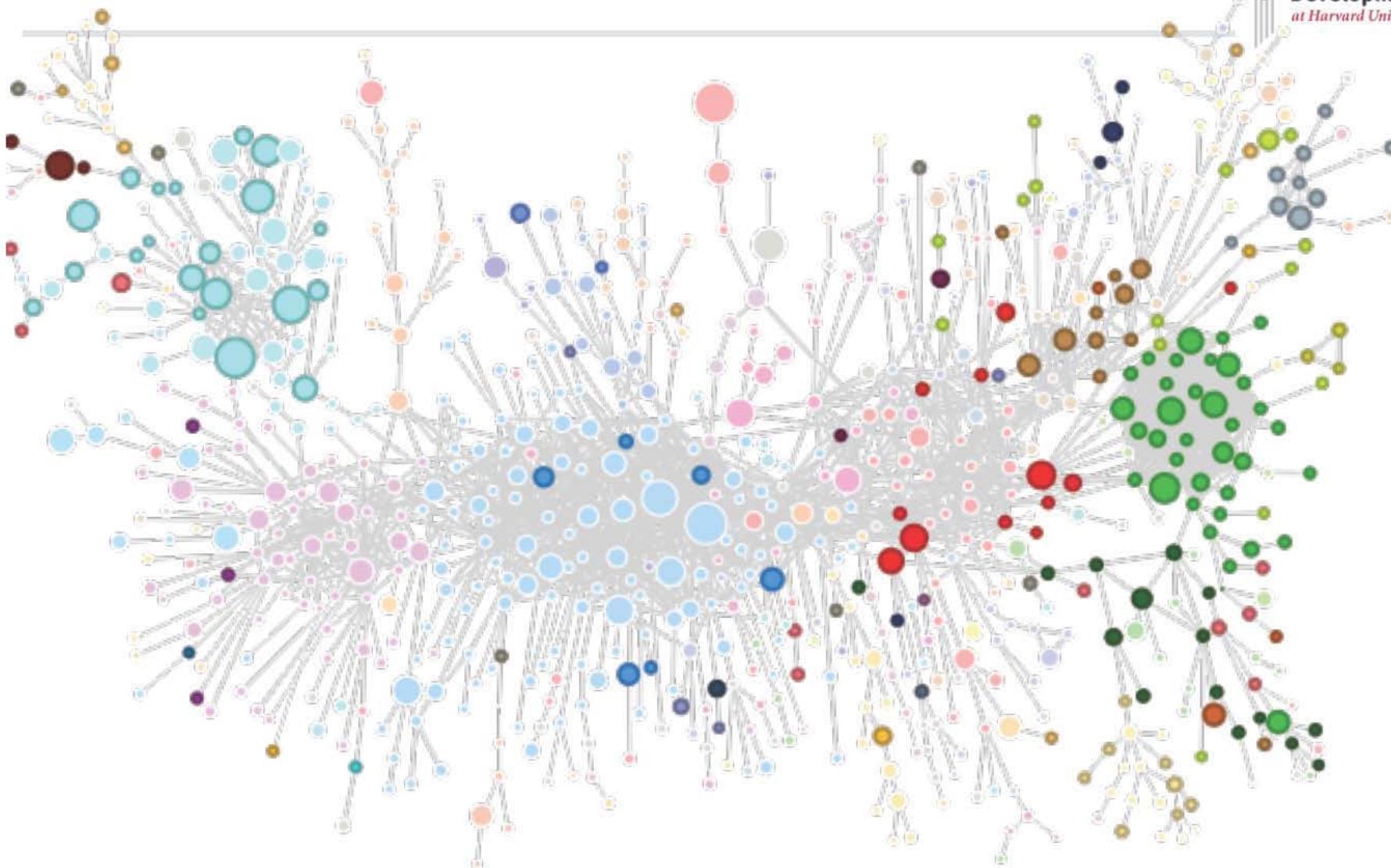
Total Value: \$5,980,038,000



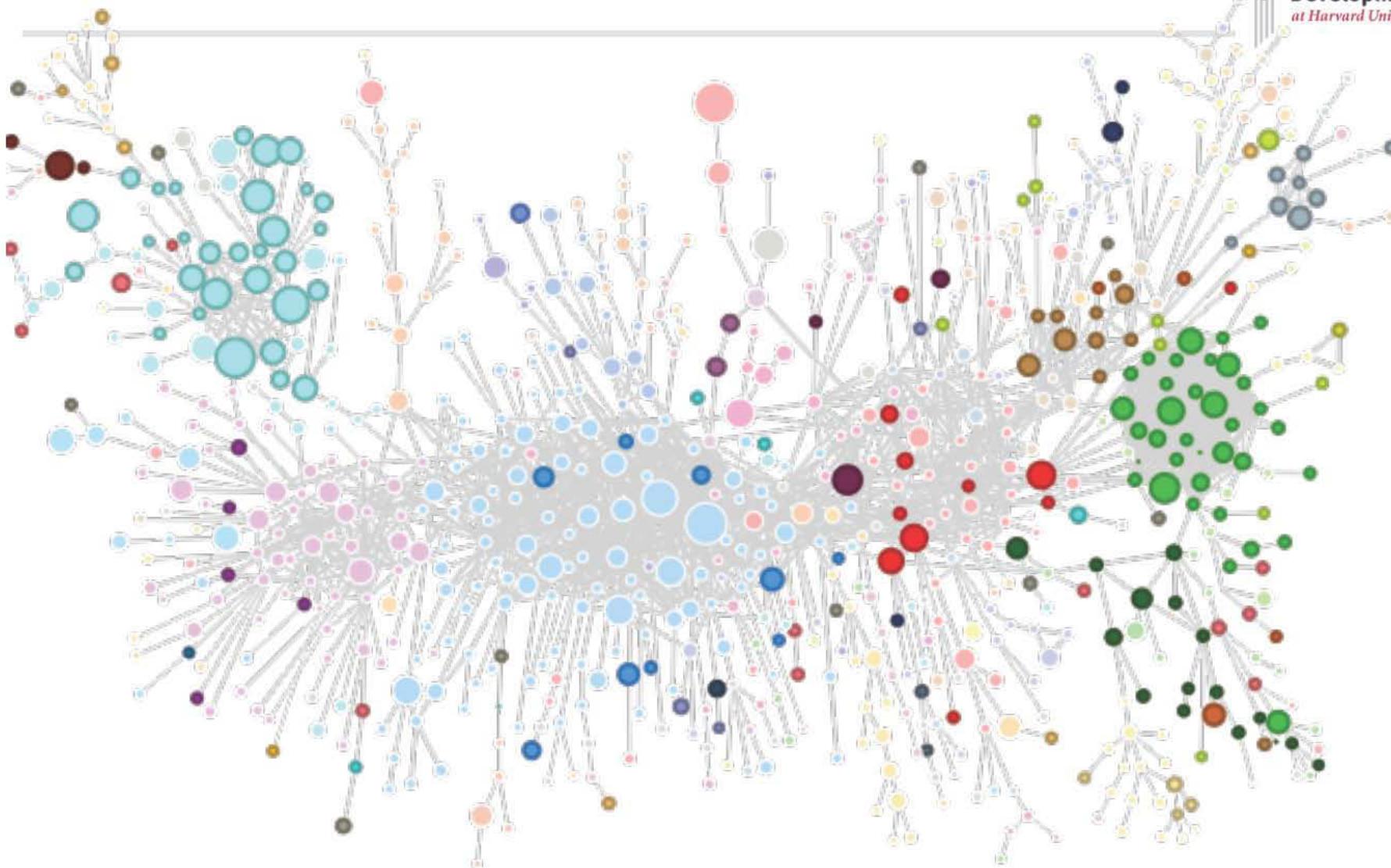
Total Value: \$7,354,613,137



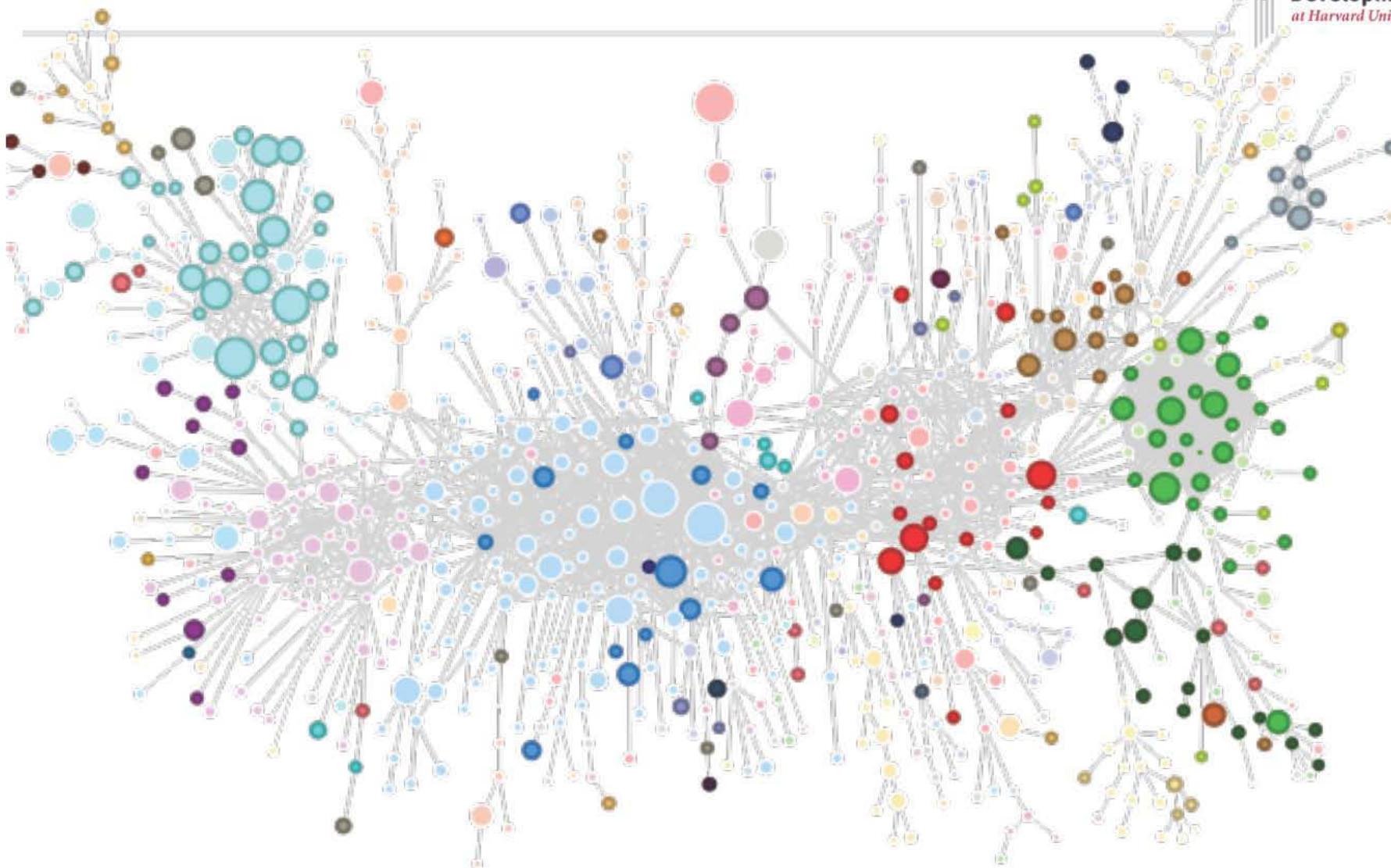
Total Value: \$21,914,013,991



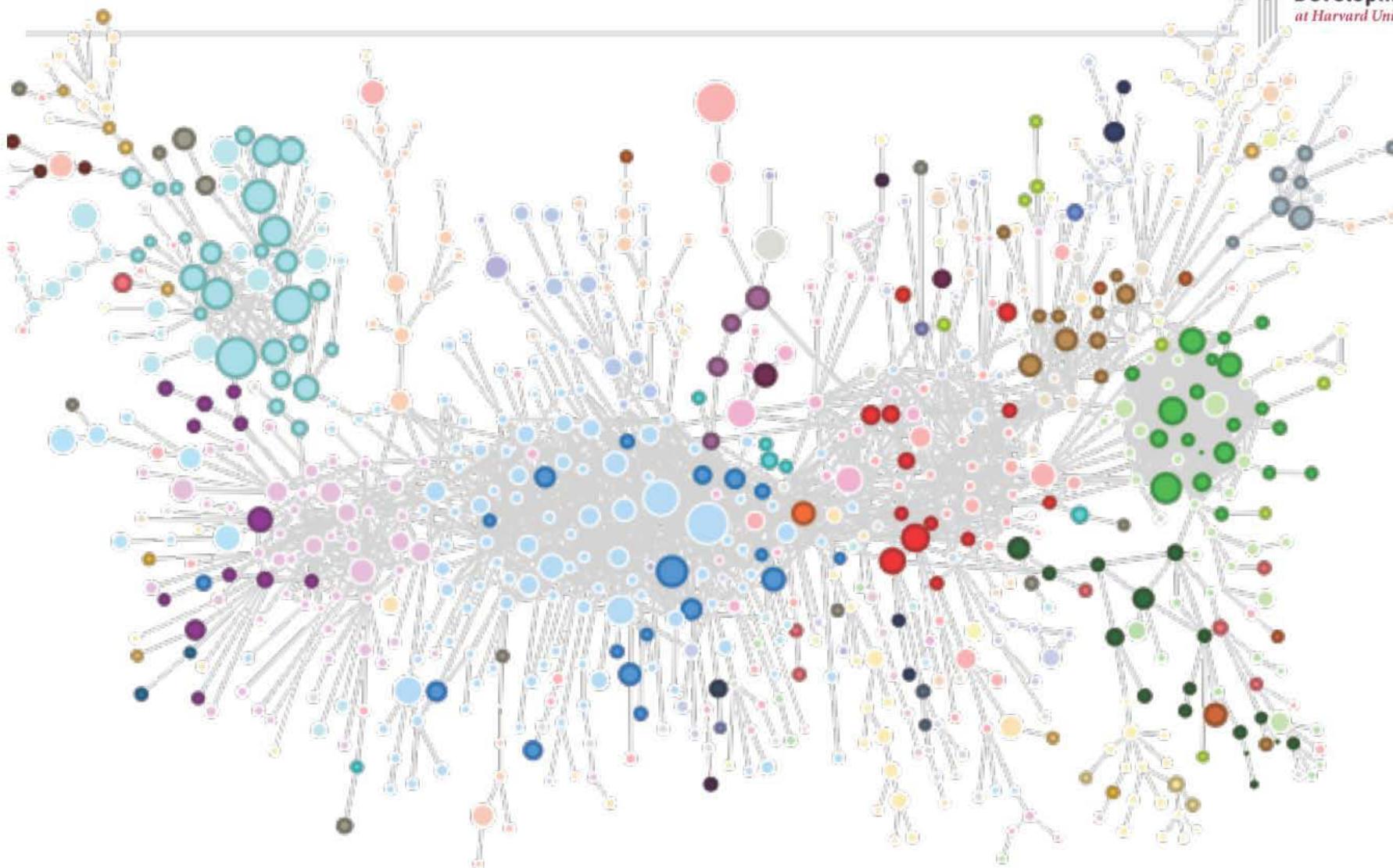
Total Value: \$50,644,730,628



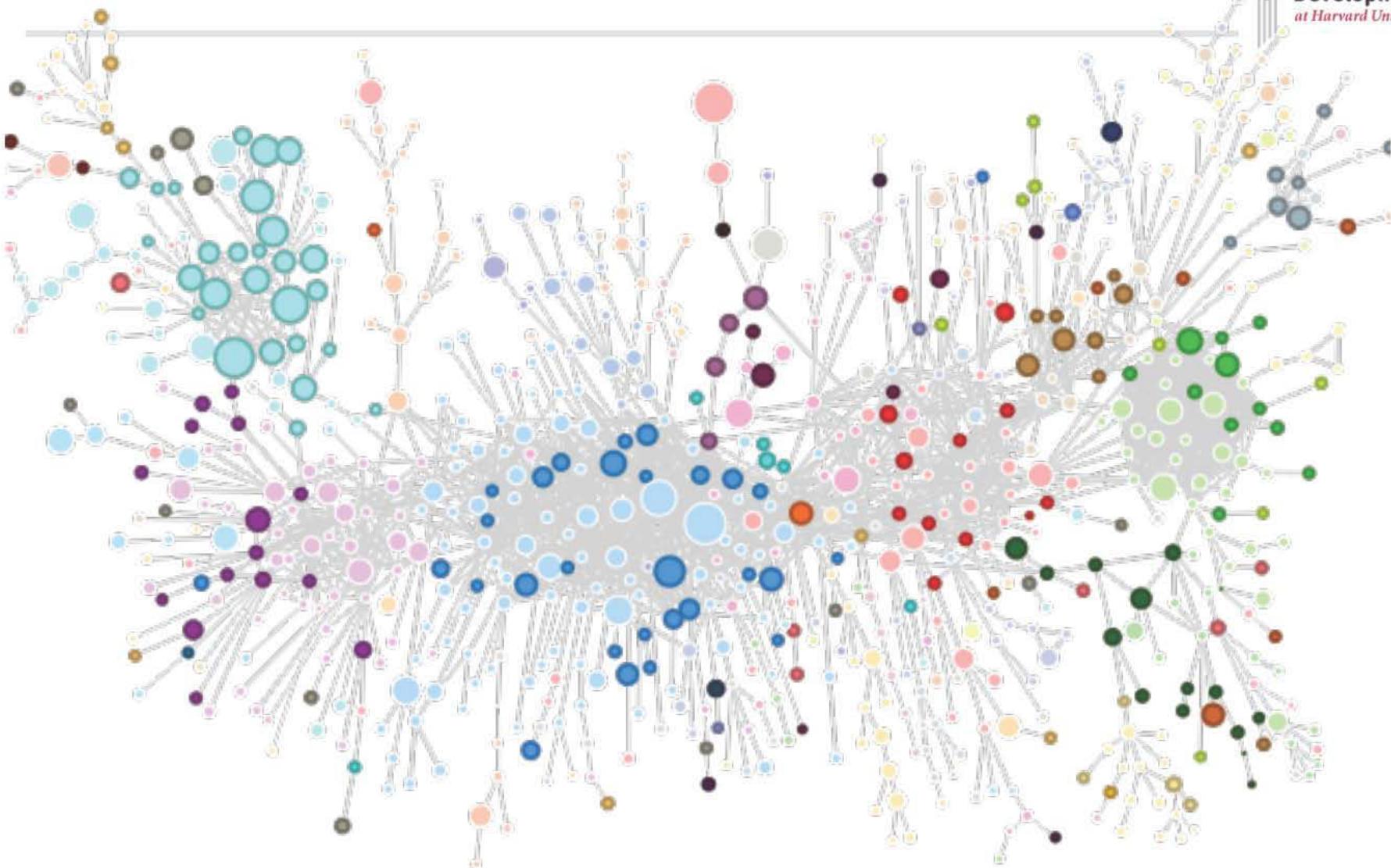
Total Value: \$67,126,271,442



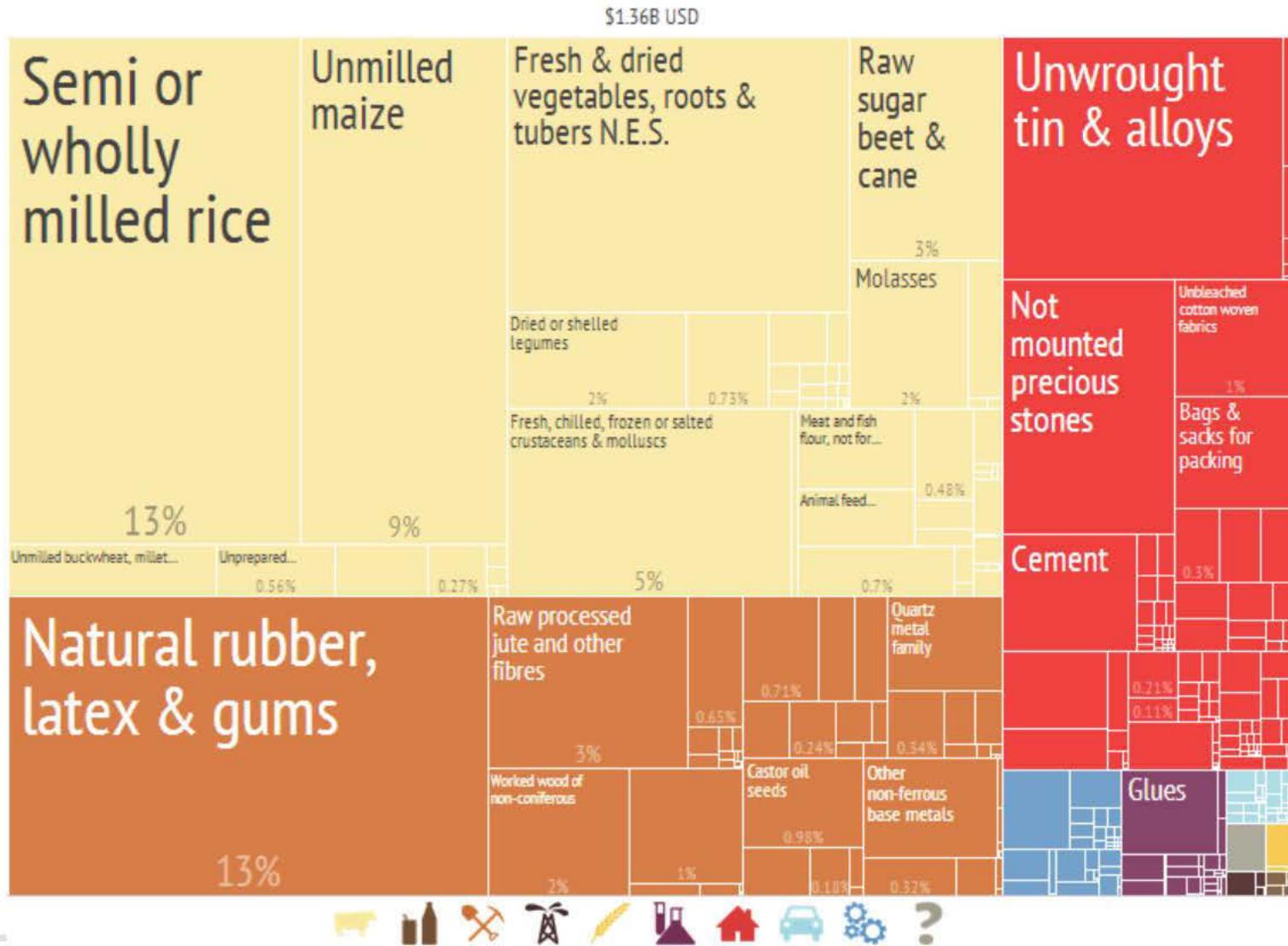
Total Value: \$111,099,204,052



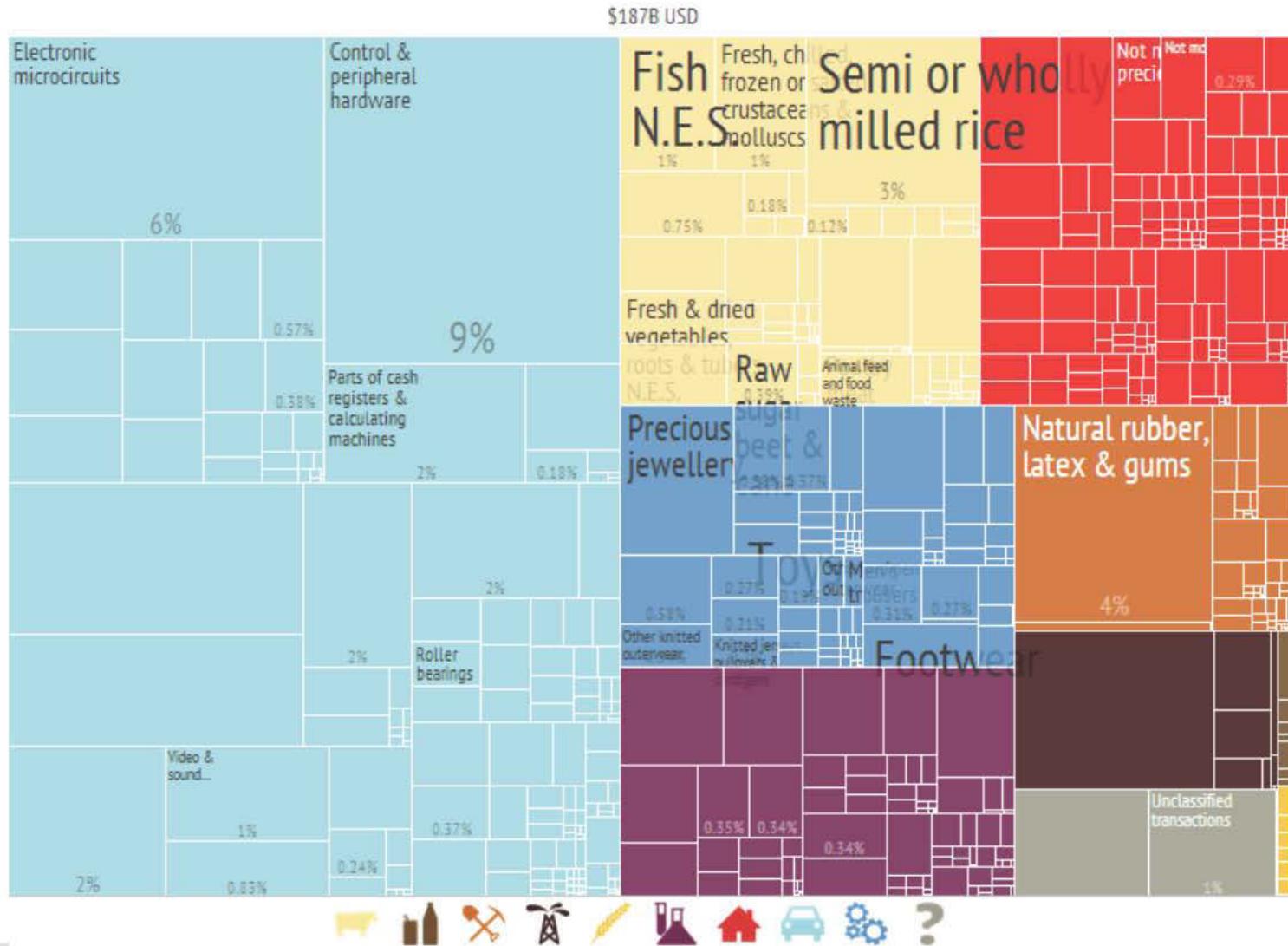
Total Value: \$186,564,165,927



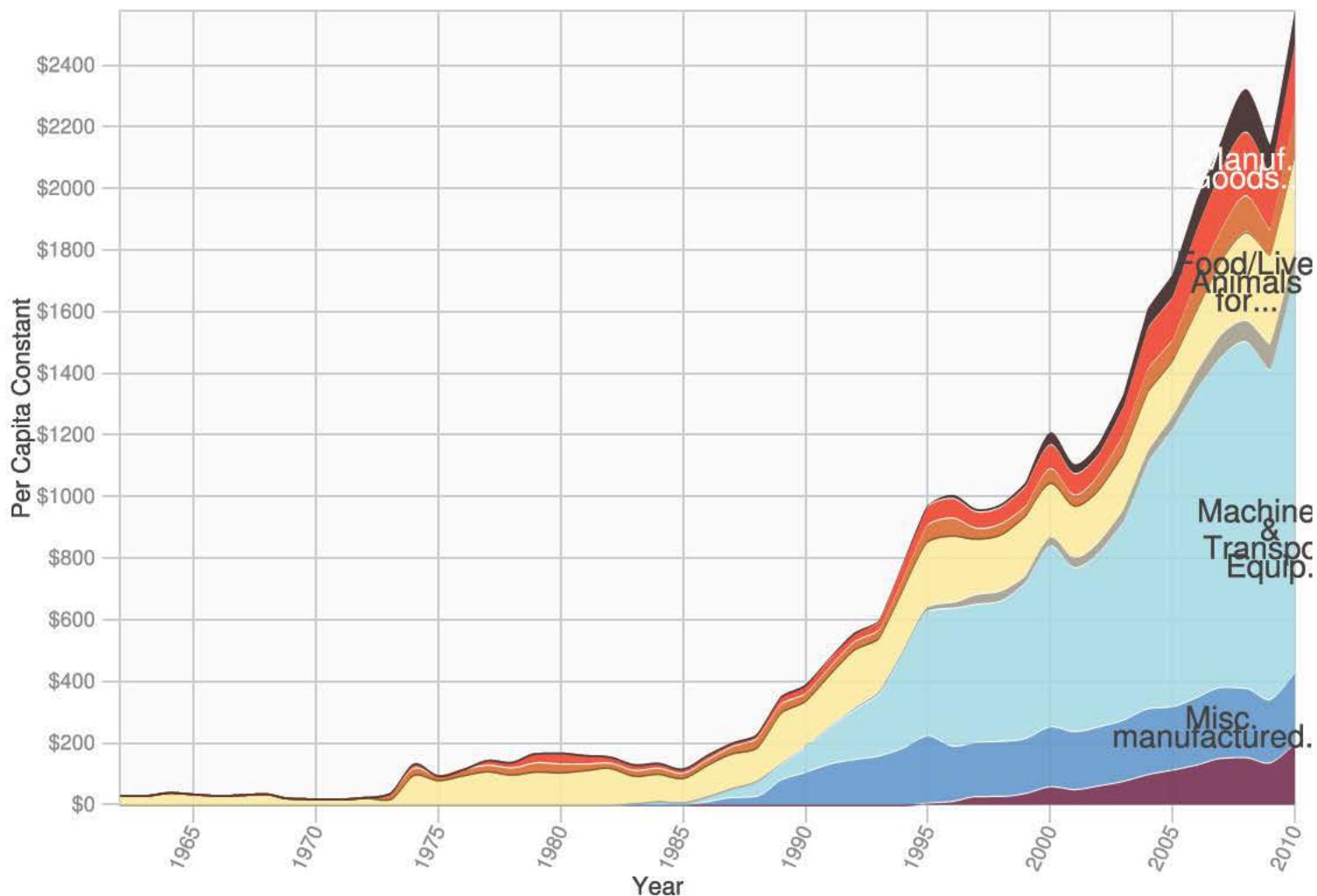
Thailand's exports in 1962



Thailand's exports in 2010

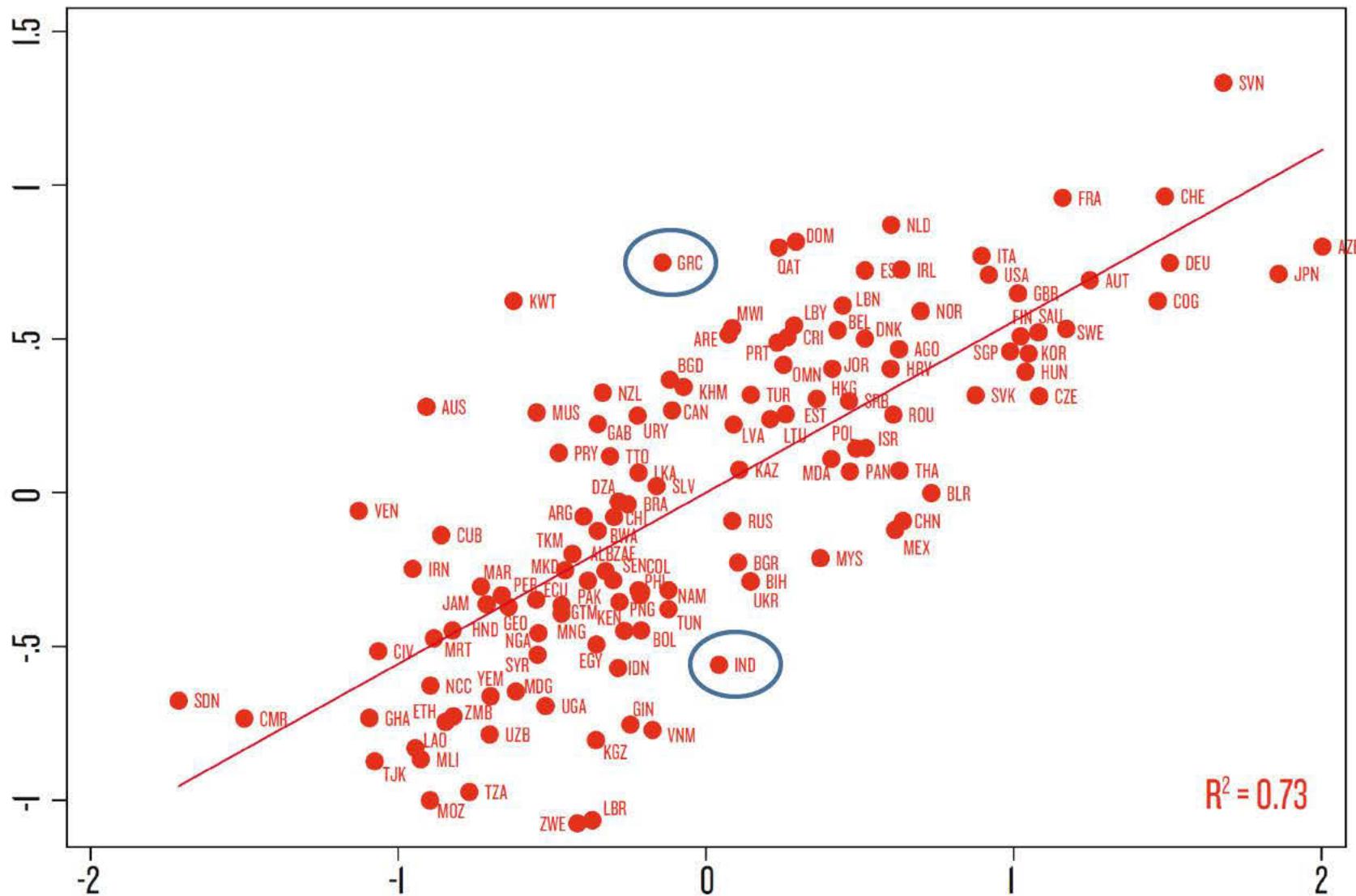


Thailand's exports per capita at constant 2005 prices



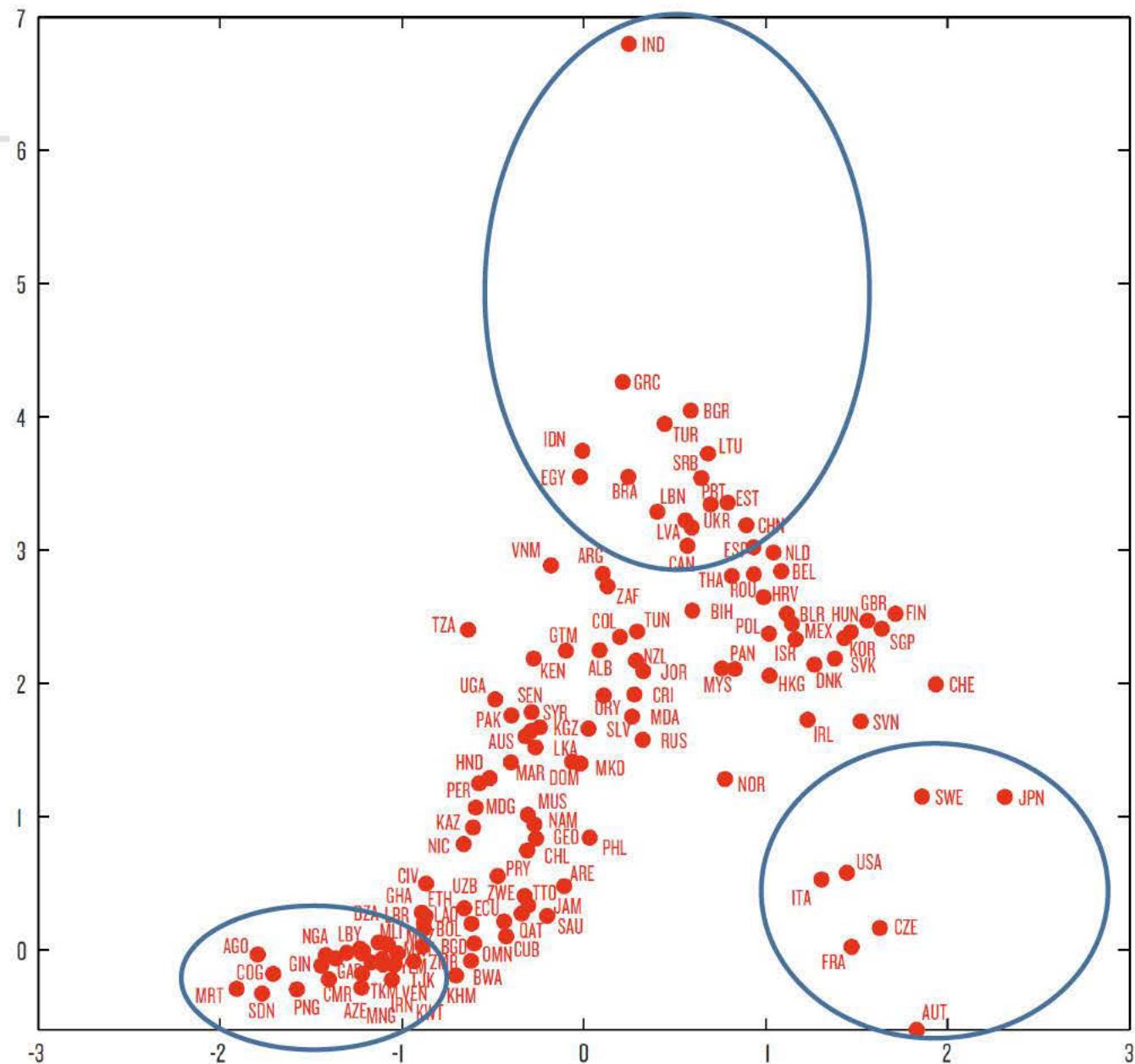
Estrategias de crecimiento?

Income per capita controlling for initial income and proportion
of natural resource exports per capita in logs [2008]



Economic Complexity Index controlling for initial income and proportion
of natural resource exports per capita in logs [2008]

Qué tan
cerca están
los productos
que aún no
hace?

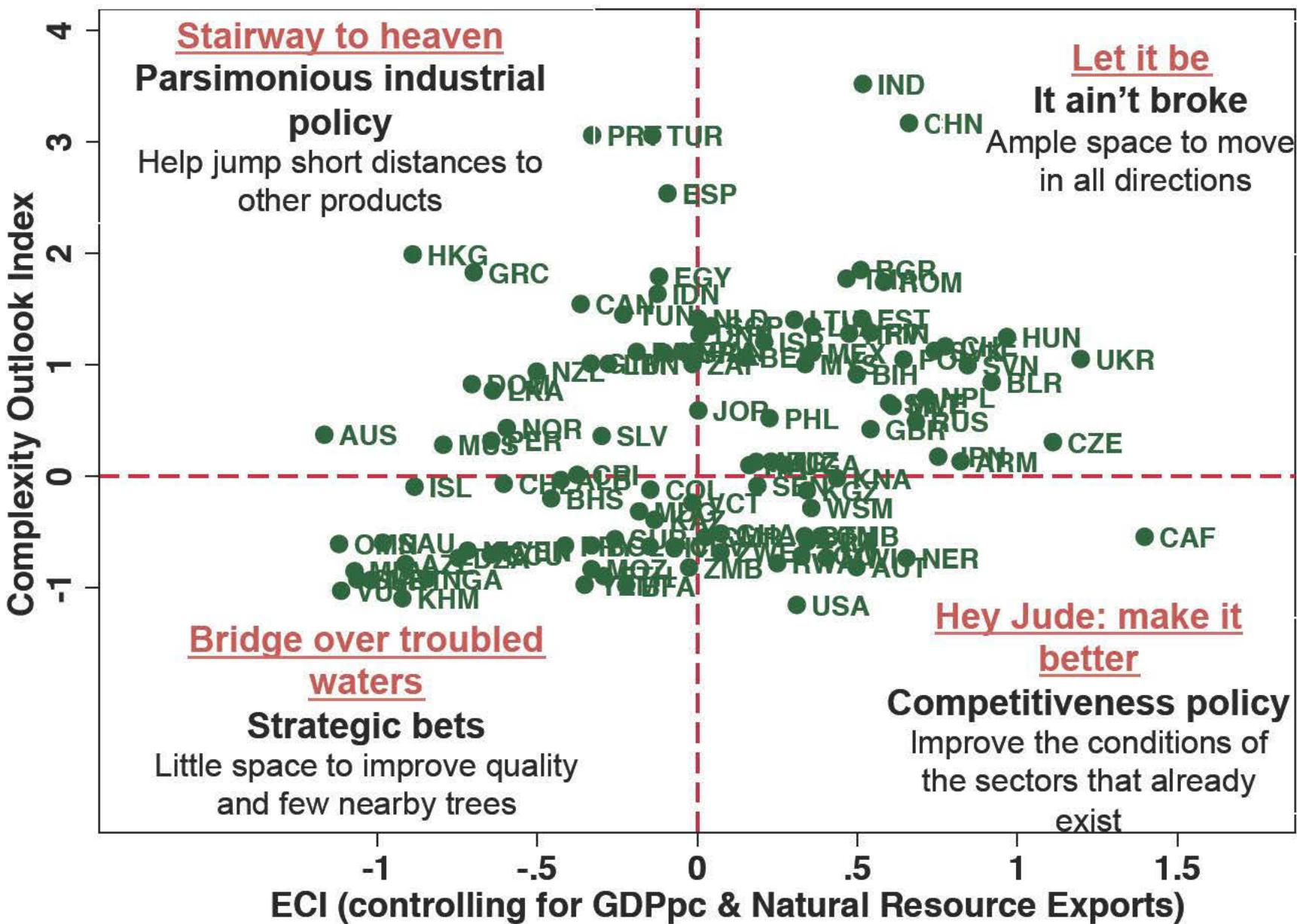


Cuantas letras tienen los países

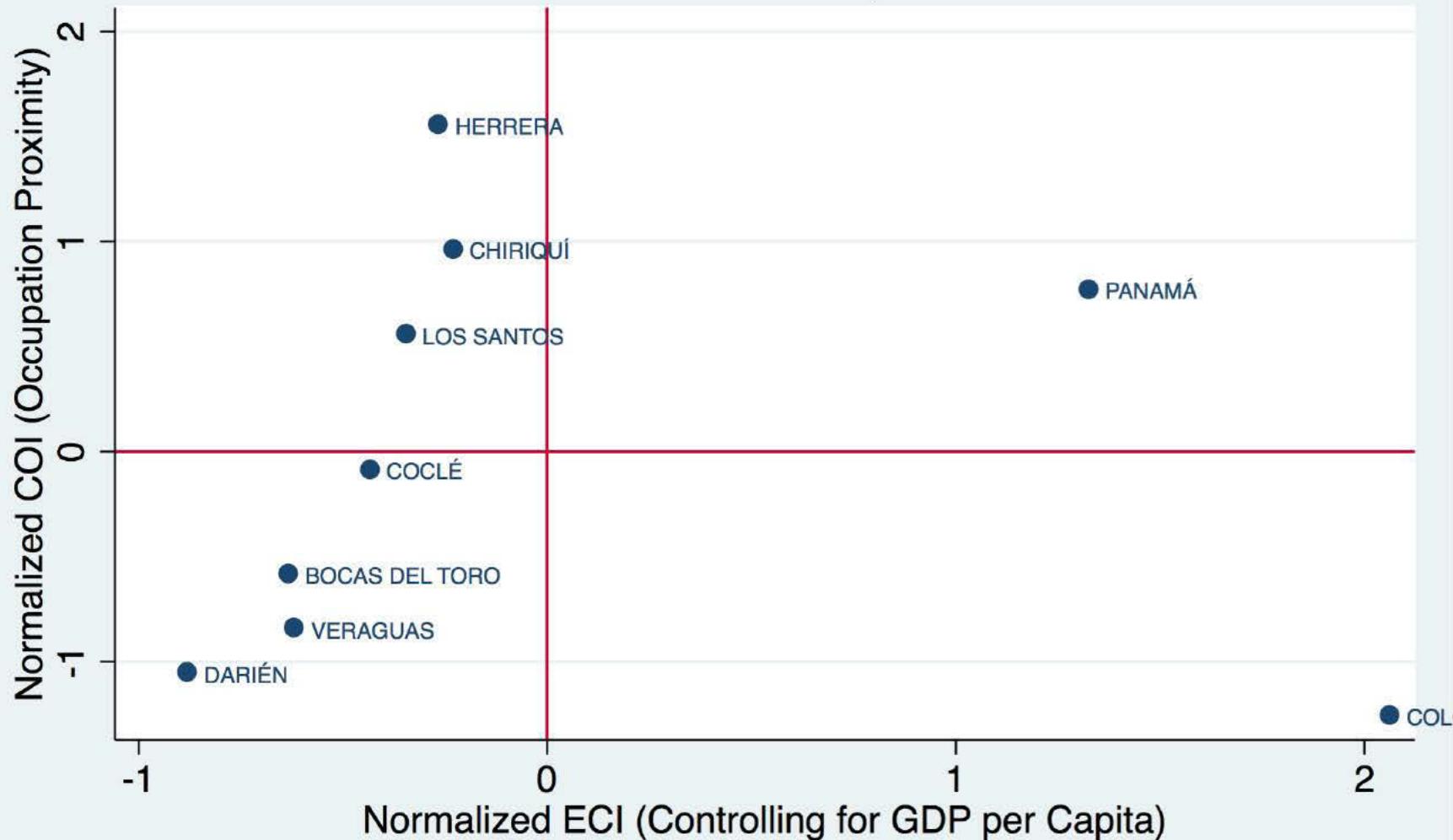
The strategic setting



The Strategic Setting: intensive vs. extensive



Panamenian Provinces, Year 2010



Sources: INEC and Own Calculations

Como se
mueve el
knowhow?











Josef Groll
wurde 1842
nach Pilsen
berufen
und brachte
dort den
ersten Sud
Bier nach
Pilsener
Art.

Zum
150jährigen
Jubiläum
und in
Gedenken
an einen
Vilshofener
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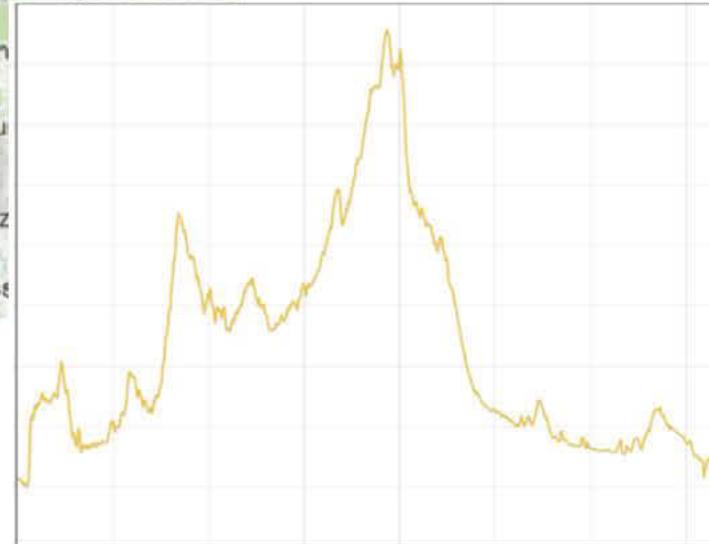
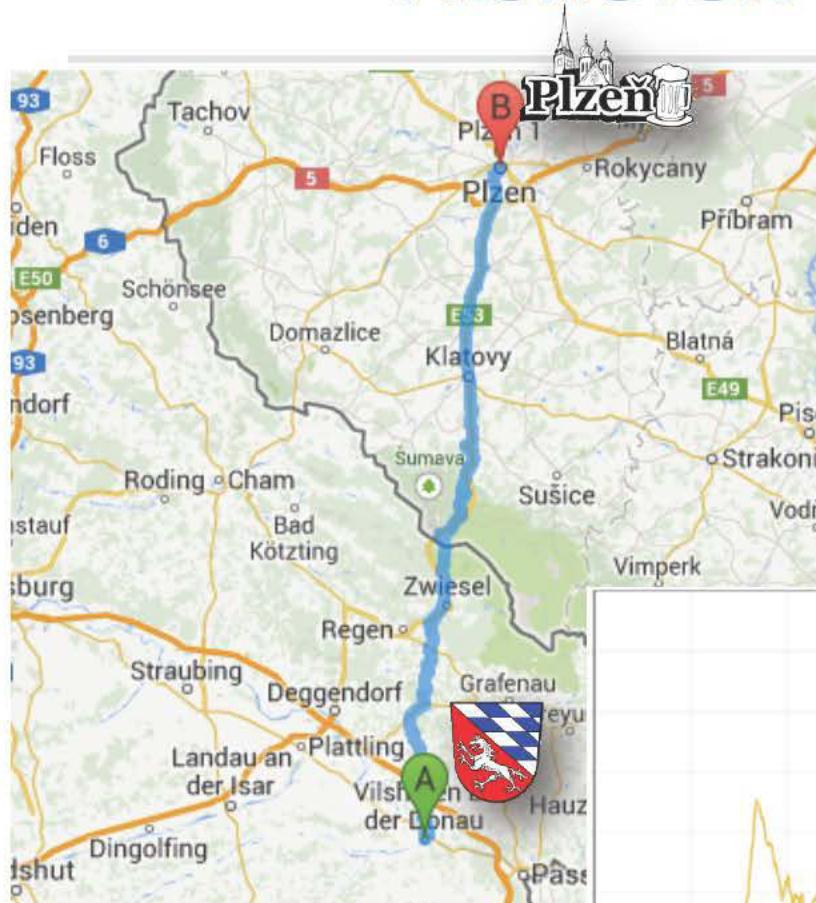
Zum
150jährigen
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an einen
Vilshofener
Braupionier.

*Josef Groll
Pils*



Wappen	Deutschlandkarte
	
Basisdaten	
Bundesland:	Bayern
Regierungsbezirk:	Niederbayern
Landkreis:	Passau
Höhe:	308 m ü. NHN
Fläche:	86,36 km ²
Einwohner:	15.926 (31. Dez. 2012) ^[1]
Bevölkerungsdichte:	184 Einwohner je km ²
Postleitzahl:	94474

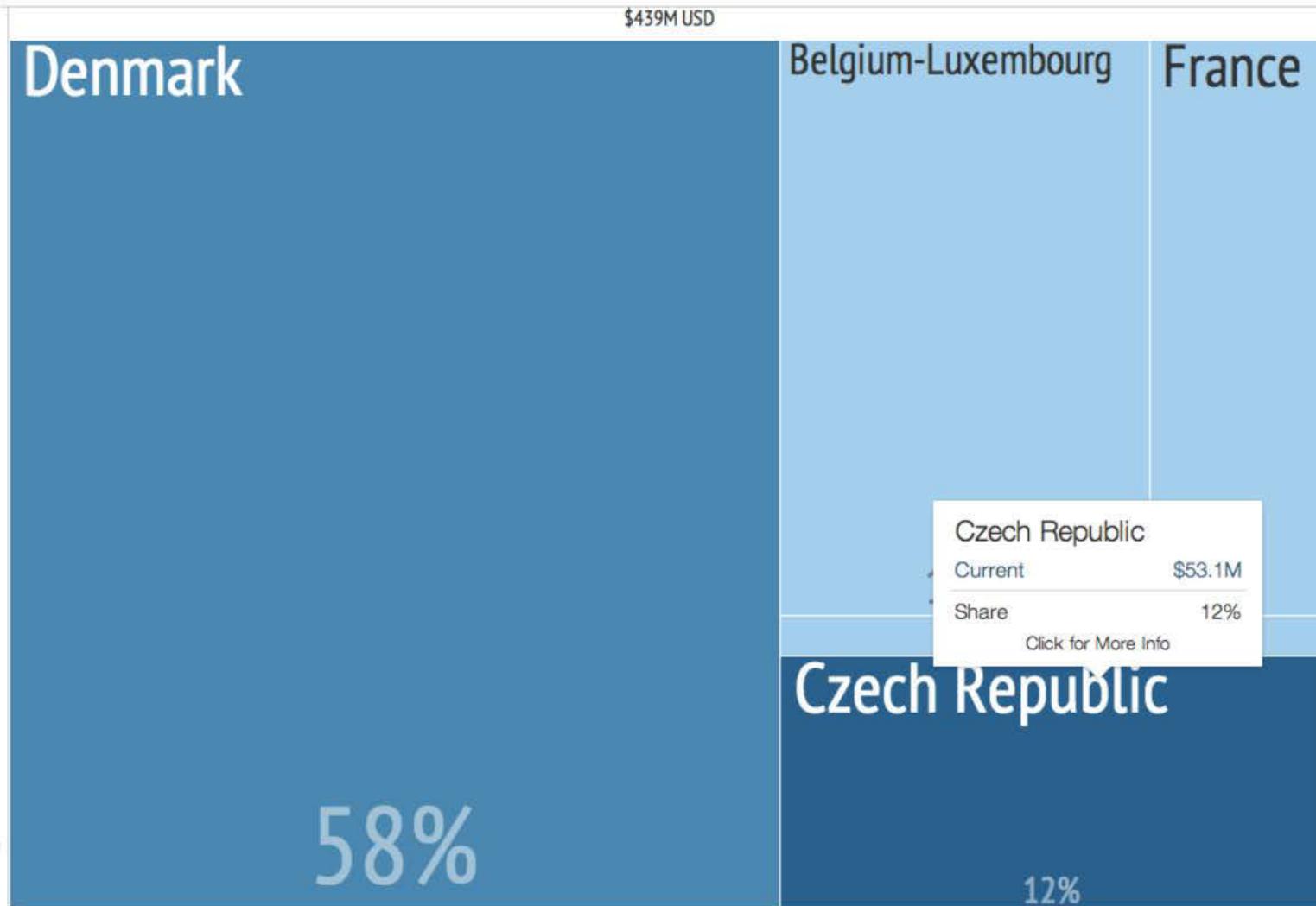
Vilshofen - Plzen: 147 km



Cumulative ascent: 2374 m

Uno de los pocos exportadores de cerveza a Alemania

Where did Germany net import Beer from in 2011?



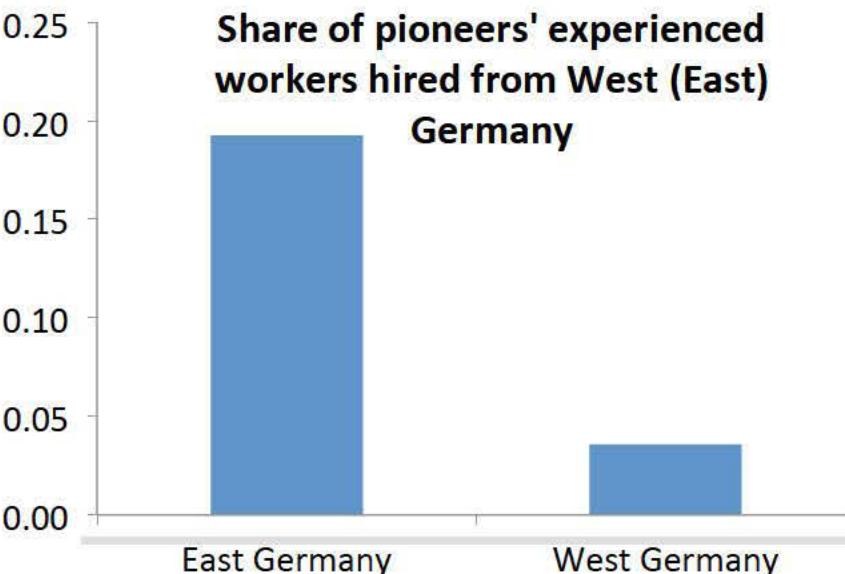


DIFFUSION OF INDUSTRIES

...it is easier to move the brains!

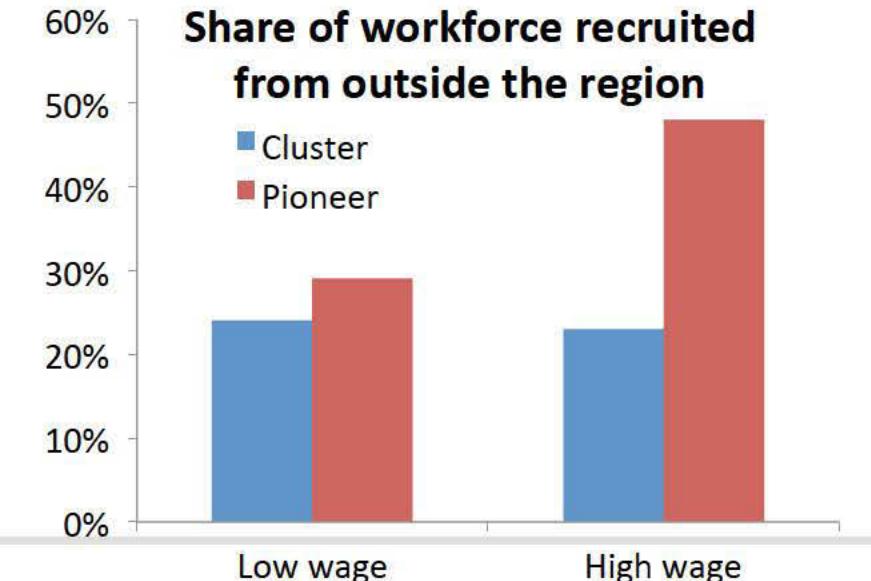
Germany

Hausmann/Neffke/Otto (2013):
Industry pioneers in East Germany strongly hire many of their core workers from outside the region



Colombia

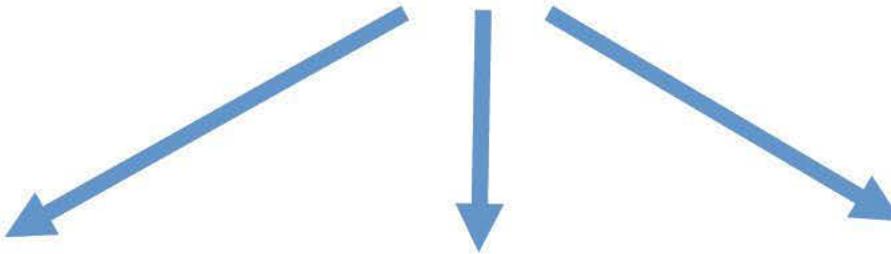
Matté Hartog: First analyses show that also in Colombia pioneering requires mobility of experts



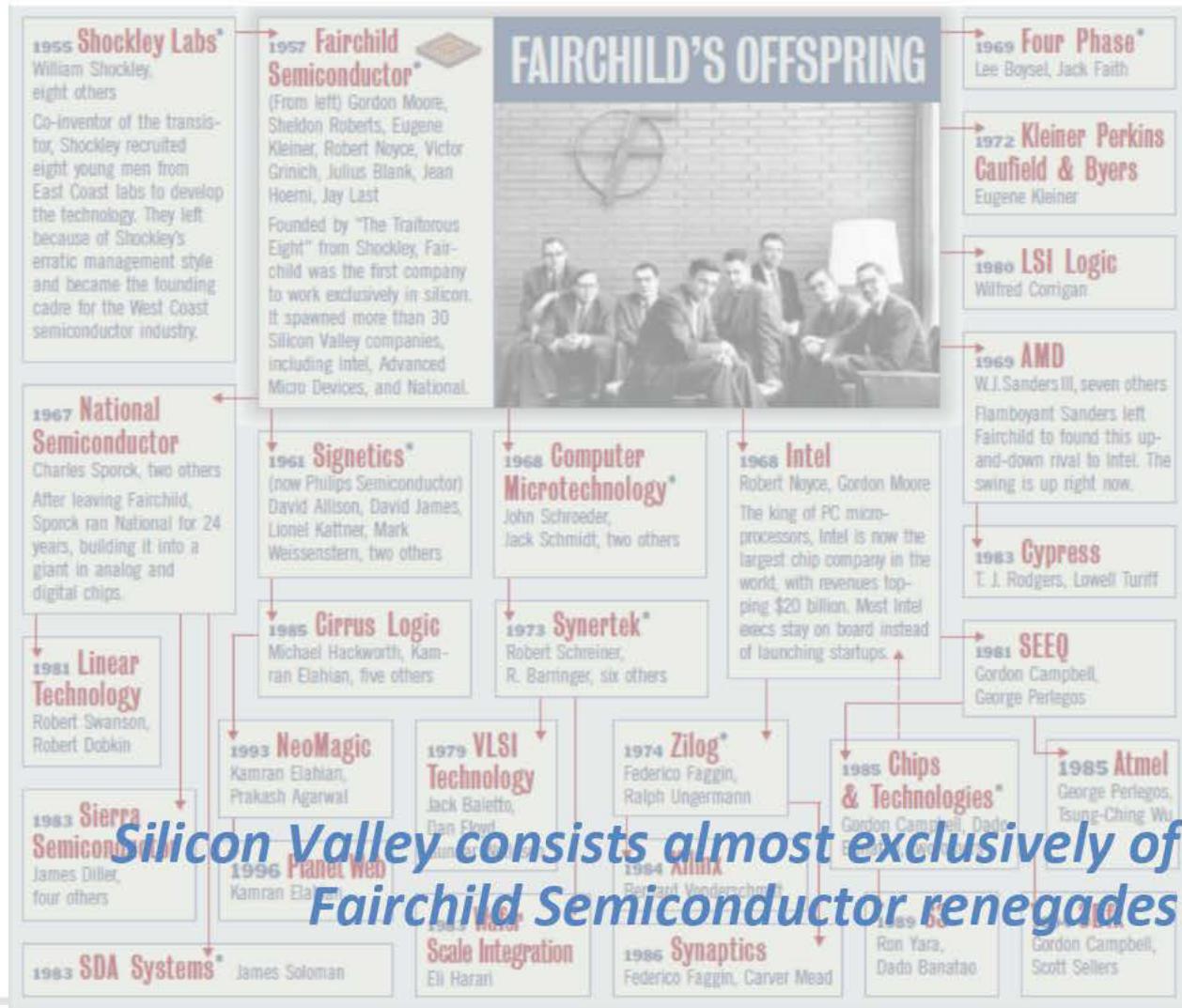
Example 1: DETROIT



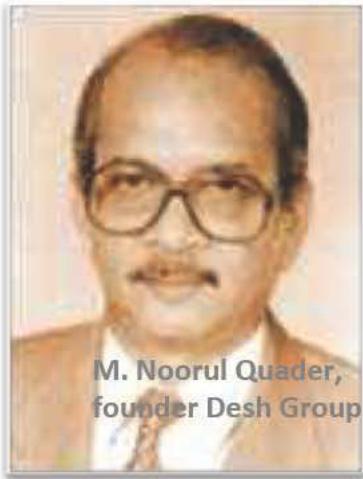
*All successful car firms in
Detroit came out of Olds
Motor Works*



Example 2: SILICON VALLEY



TEXTILES IN DHAKA



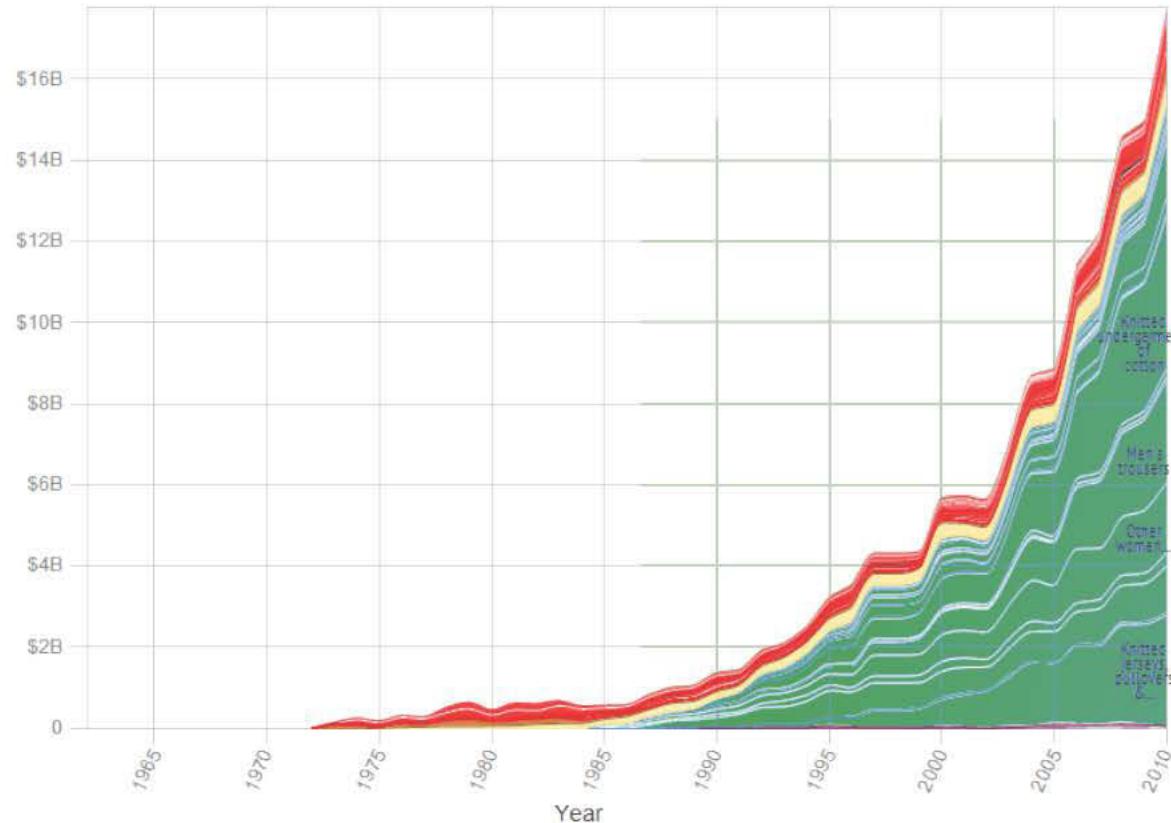
M. Noorul Quader,
founder Desh Group

&  DAEWOO

- 1979: Desh sends 126 Bangladeshi workers for a 6 month intensive training in Korea
- 1988: 56 spin-off companies by Desh workers have been established
- (Klepper and Mostafa 2011)

TEXTILES IN DHAKA

What did Bangladesh export between 1962 and 2010?



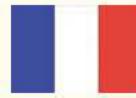


CID South Africa Economic Initiative January 2006

CID TEAM



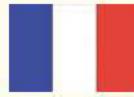
CID South Africa Economic Initiative January 2006



CID TEAM



CID South Africa Economic Initiative January 2006

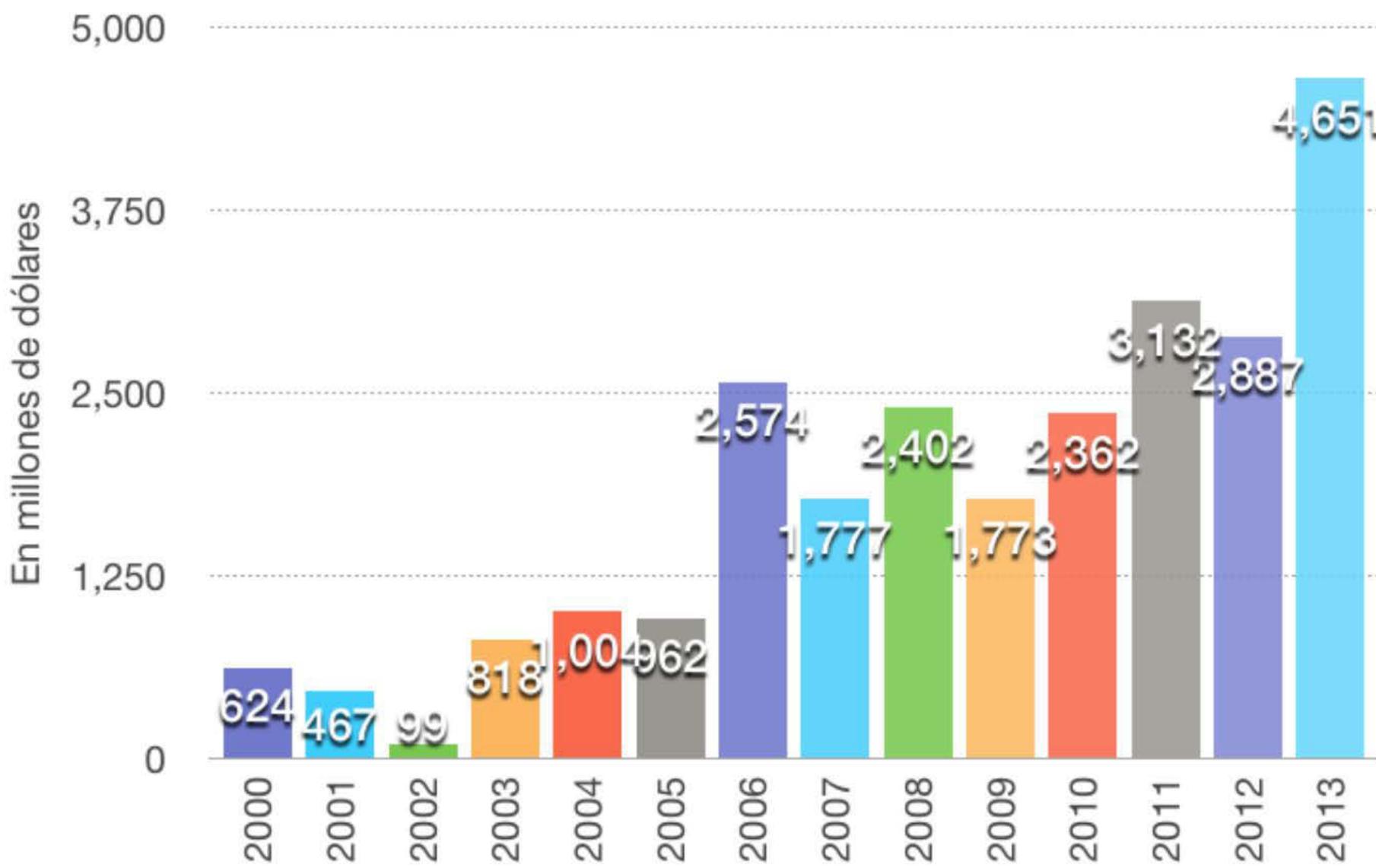


CID TEAM



CID South Africa Economic Initiative January 2006

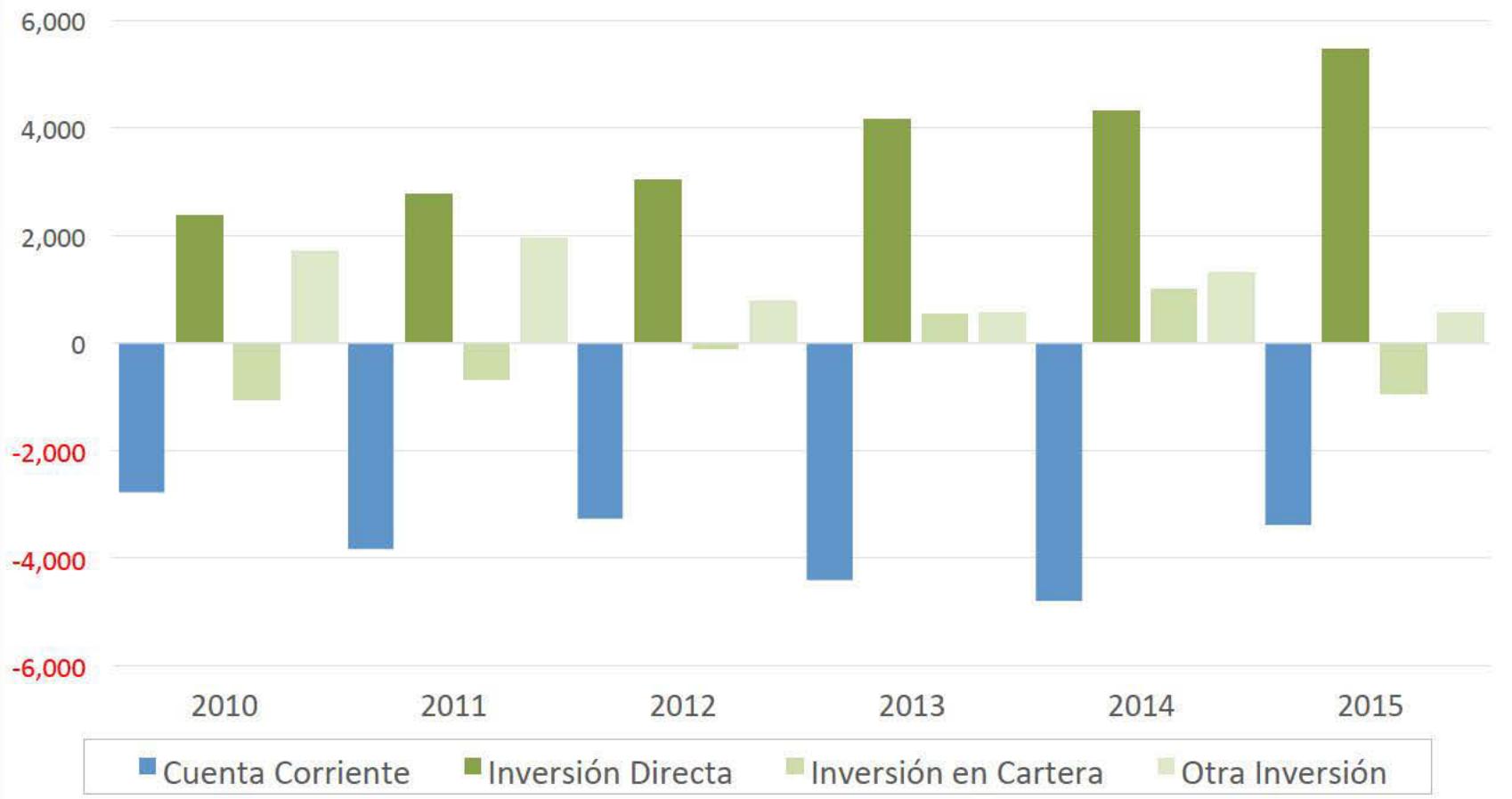
Inversión Extranjera Directa a Panamá (2000 - 2013)



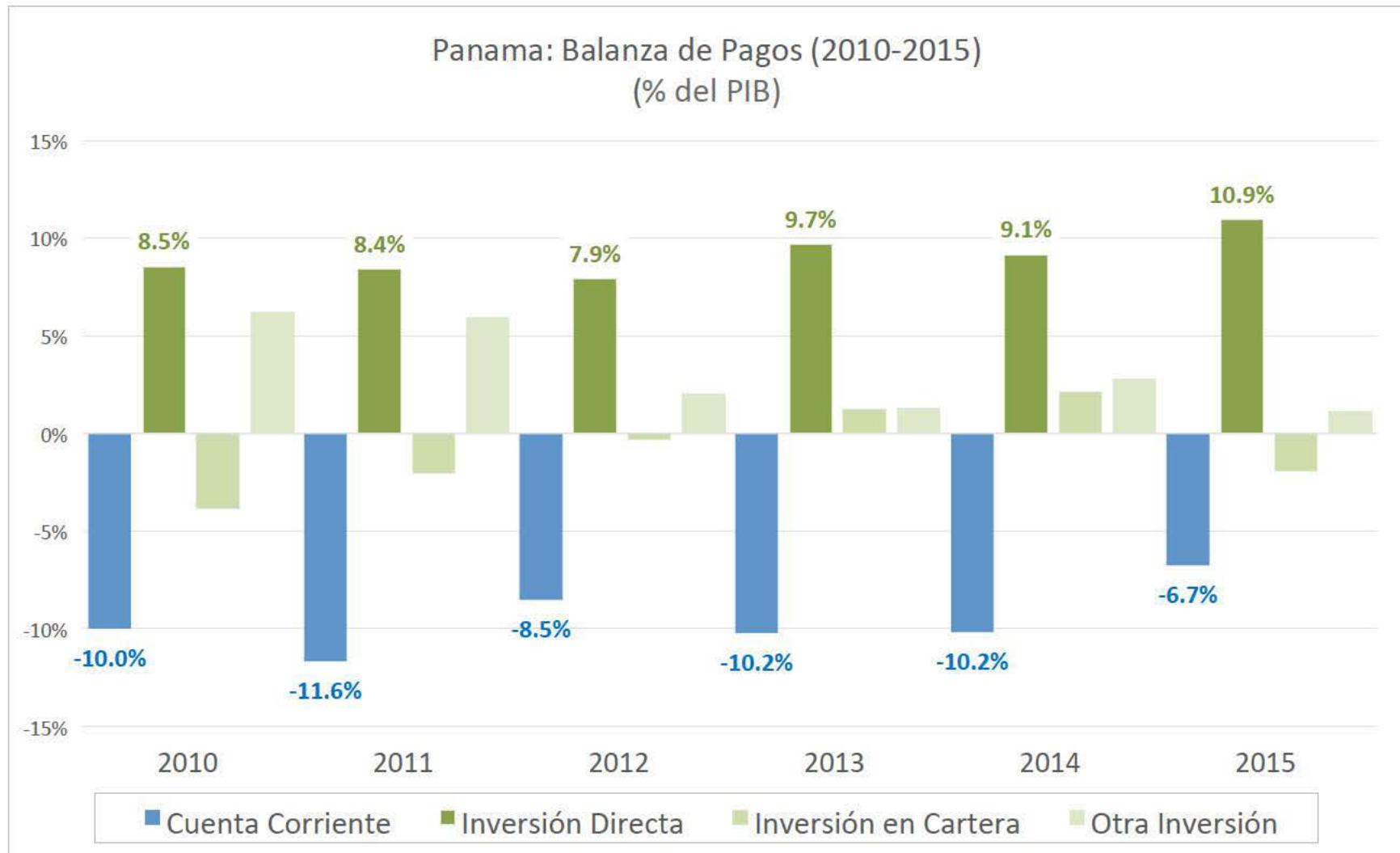
Source: Instituto Nacional De Estadistica Y Censo - Panama

Balanza de Pagos (2010-2015)

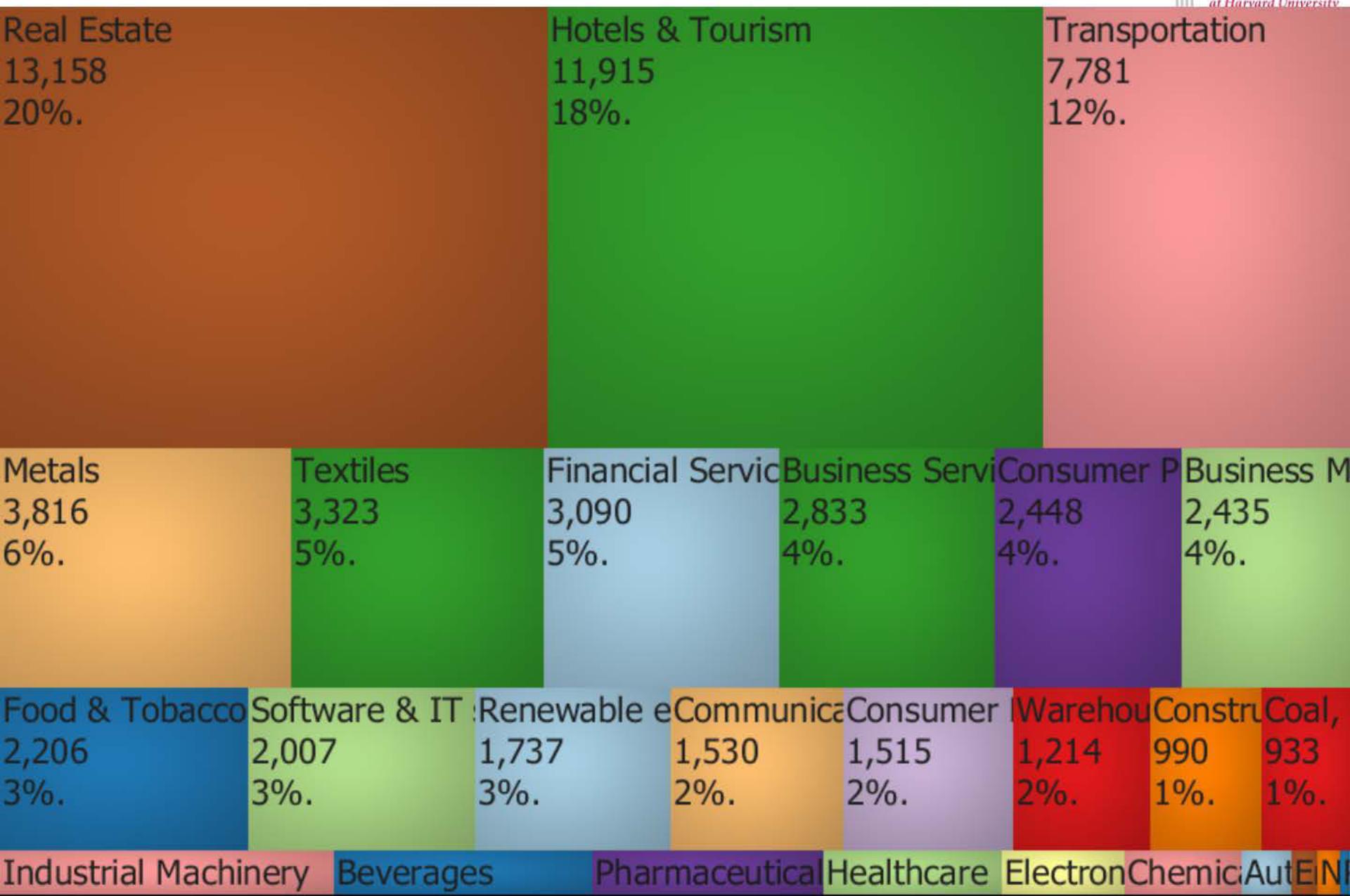
Panama: Balanza de Pagos (2010-2015)
(dólares corrientes)



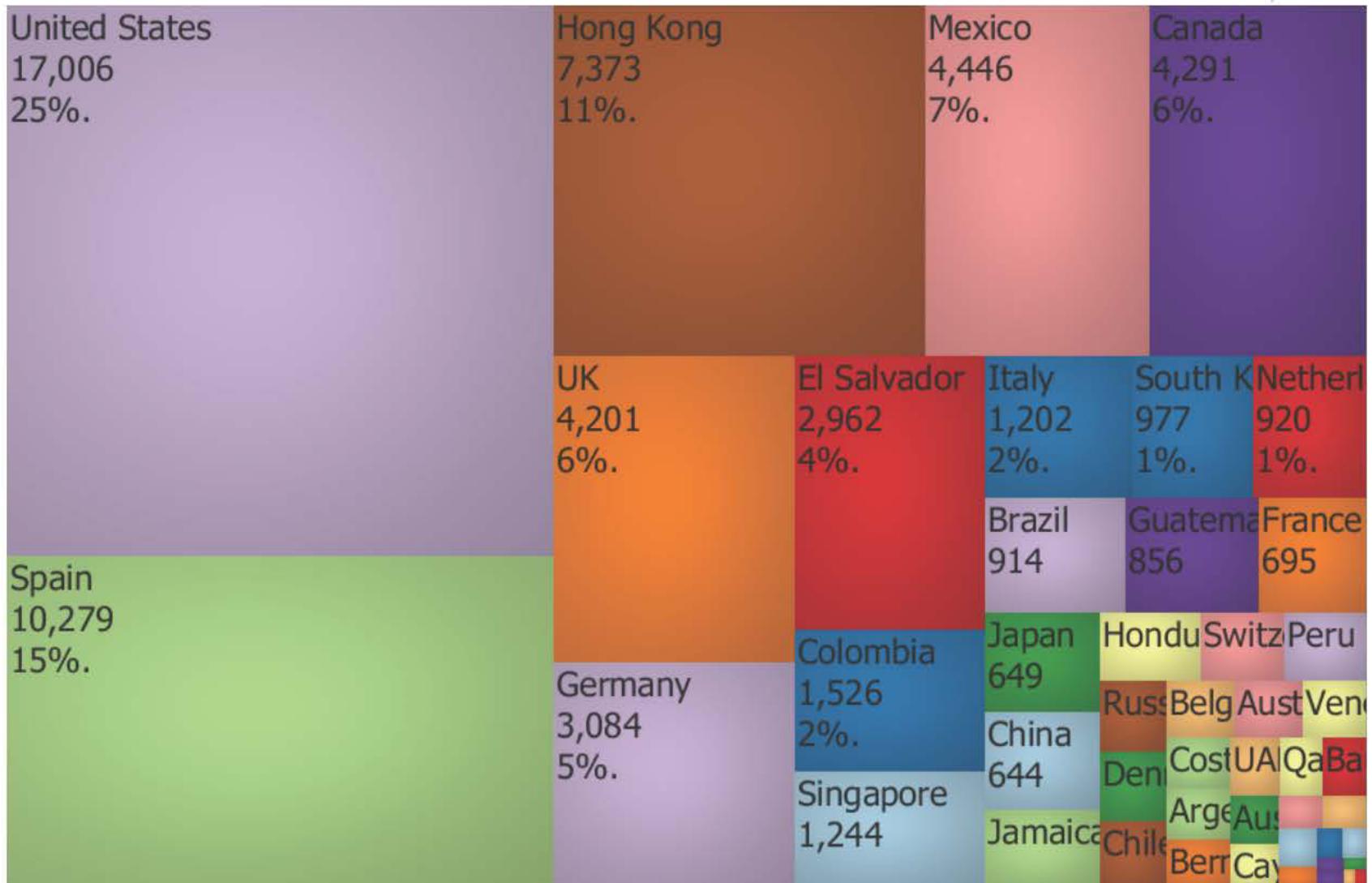
Balanza de Pagos (2010-2015)



Empleos creados por la Inversión Extranjera Directa



Empleos creados por país de origen de la inversión



**Por qué es
difícil incluir a
la gente en el
crecimiento?**















Mensajes finales

- El crecimiento de largo plazo viene de adquirir nuevas letras
- ...y de encontrar formas de recombinar las viejas letras en nuevas palabras
- Panamá está descubriendo nuevas recombinaciones
 - Canal, centro financiero, puerto, aeropuerto, logística, regionales, turismo, BPO, manufactura
- La estrategia hacia la inversión extranjera está dando frutos
- La fuerte inmigración es una fortaleza fundamental
 - El límite del 10% puede no ser bueno:

Mensajes finales

- La vida en las zonas rurales no tiene por qué implicar pobreza
 - Pero requiere cadenas de valor más complejas que sumen más letras
- La incorporación de la gente a las posibilidades de crecimiento en ciudades depende de tener una estrategia para conectar a las personas a las redes que les permiten ser productivos