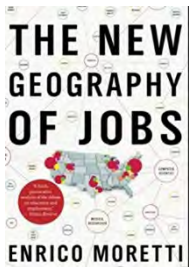
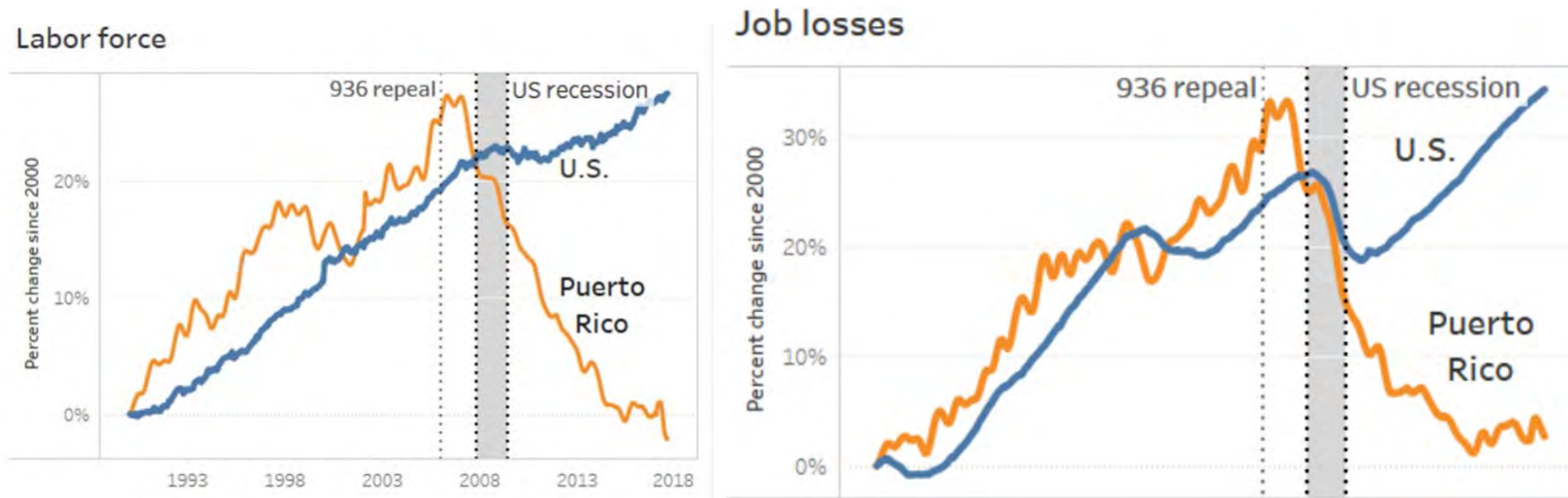


I will post the final exam Saturday, see the calendar for material, this is mainly material from the presentations.... Puerto Rico Figures

In class, lets create a reference for this url (the CNBC source of these excellent Figures).... See [Enrico Moretti's New Geography of Jobs, UCB 2014](#)

<https://www.cnbc.com/2017/09/26/heres-how-an-obscure-tax-change-sank-puerto-ricos-economy.html>



References

Gluzman, et al. (2018) see Gluzmann, Pablo, Martin Guzman, and Joseph E. Stiglitz (2018) "An analysis of Puerto Rico's debt relief needs to restore debt sustainability." *Espacios abiertos*. Retrieved on: <http://espaciosabiertos.org/wp-content/uploads/2018/01/Final-Report-DSA-2018.01.pdf> (2018) also NBER paper 25256 <https://www.nber.org/papers/w25256.pdf> (available)

*Feliciano, Zadia M., and Andrew Green (2017) US Multinationals in Puerto Rico and the Repeal of Section 936 Tax Exemption for US Corporations. No. w23681. National Bureau of Economic Research, 2017 (3 citations GS, [copy of paper is available at CUNY Graduate Center](#), Dr. Feliciano is Queens College CUNY and the NBER) on campus this url will work... <https://www.nber.org/papers/w23681.pdf>

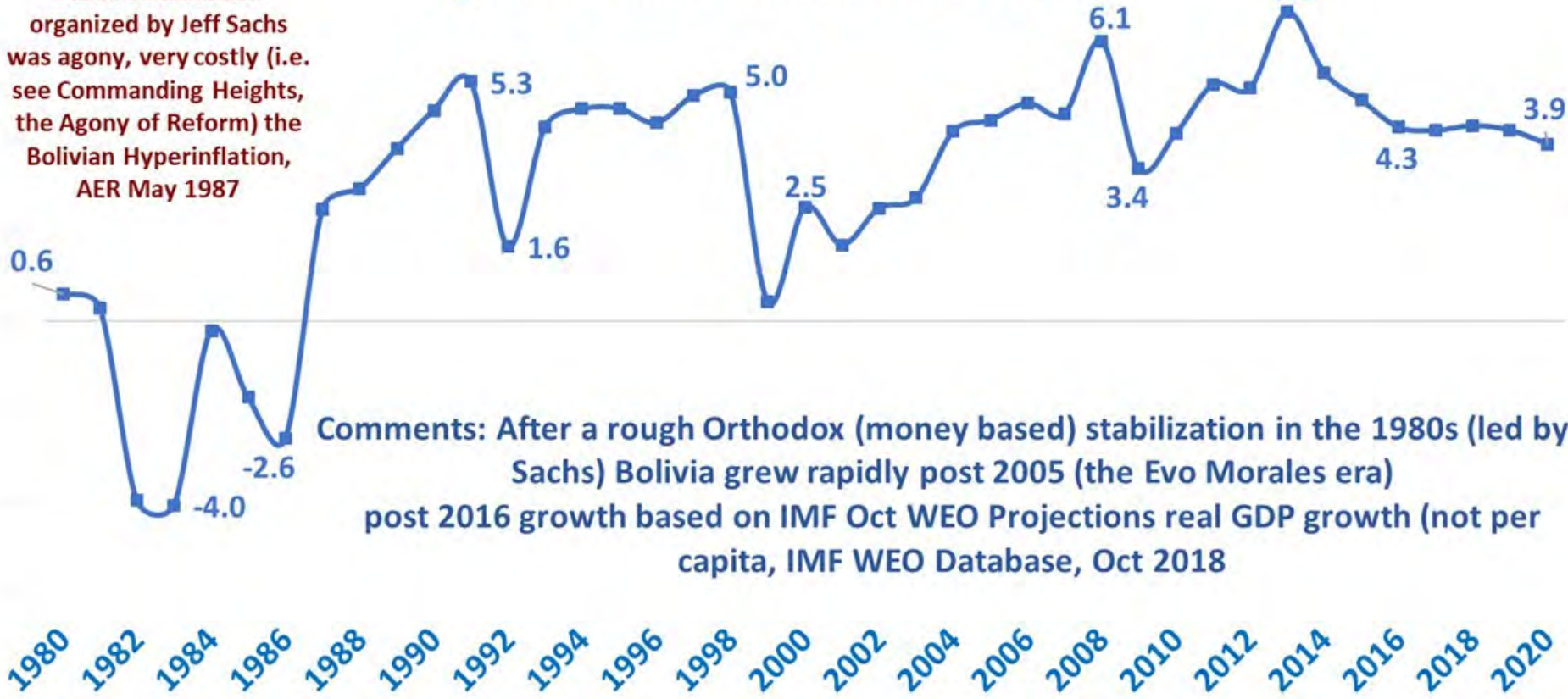
*A great CUNY paper, the best I have seen on IRS 936, their control group (Indiana, North Carolina, Oregon and sometimes New Jersey) all of these states lost Manufacturing employment...NJ is like Puerto Rico, but it was one of the controls, that is why IRS 936 was ineffective in saving manufacturing jobs, there is no future in manufacturing, Puerto Rico has the right idea, focus on culture and tech and with perhaps some nice Universities... Fordham hosted a nice program for attracting Puerto Rican students, see my twitter feed...

Bolivia: Heterodox vs. Orthodox Stabilizations (costless vs. costly ends to high inflation). How did the Tablitas manage expectations? What do most Central Banks do today (all LatAm and our own...)? What did they used to do? How did Argentina get into trouble this March (leading to a loss of confidence and the resignation of Fredericio Sturznegger.. a very good Economist/Central bank head...

See also Sachs, Jeffrey 1987 [The bolivian Hyperinflation, American Economic Review, May, 279-83](#)

Bolivia's Orthodox money based stabilization organized by Jeff Sachs was agony, very costly (i.e. see Commanding Heights, the Agony of Reform) the Bolivian Hyperinflation, AER May 1987

Figure B-1 Annual GDP Growth in Bolivia



Comments: After a rough Orthodox (money based) stabilization in the 1980s (led by J Sachs) Bolivia grew rapidly post 2005 (the Evo Morales era) post 2016 growth based on IMF Oct WEO Projections real GDP growth (not per capita, IMF WEO Database, Oct 2018)

Ecuador (or Bolivia or Uruguay?) [Populism in Bolivia and Uruguay and Ecuador](#)

Why Caravans? https://www.wsj.com/articles/fleeing-poverty-and-violence-central-american-women-explain-why-they-join-caravans-1543947664?mod=cx_immersive&cx_navSource=cx_immersive&cx_tag=contextual&cx_artPos=2&tesla=y#cxrecs_S

Panama: how to become of “city of knowledge” like NYC or Arlington or Seattle? <https://www.embassyofpanama.org/city-of-knowledge/>



Education

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STUDY IN PANAMA
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PANAMA BILINGUE

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City of Knowledge is a management platform that focuses on boosting the innovative and competitive capacities of the users who share the Campus. Integration, dynamic networking, and joint efforts facilitate the transference of knowledge. This allows for an unusual concentration of innovative firms, international organizations focused on development, as well as academic and research institutions, resulting in a lively and successfully collaborative community.

Bolsonaro says he will not cut Brazil Bolsa Familia <https://womendeliver.org/2016/case-study-brazils-bolsa-familia/>

Brazil's Bolsa Familia

Country Advocacy

ECONOMIC EMPOWERMENT

Policy Briefs

- Maternal and Newborn Health and Nutrition
- Economic Empowerment
- Downstream and Reproductive Health
- Political Participation
- Sexual Health and Rights
- Access to Resources

Through Brazil's Bolsa Familia program, qualifying families receive a small monthly cash transfer — distributed directly to the female head of household — in exchange for keeping children in school and taking them to regular health checks. The program was spearheaded with support from both the World Bank and the Brazilian government and has contributed to the rapid reduction of poverty in Brazil — accounting for up to 25% of Brazil's reduction in inequality and 16% of the drop in extreme poverty. These promising outcomes have directly contributed to intergenerational development and economic growth.



Photo: cdn1, Mundo das Tribos, Reuters

Brazil's Bolsa Familia program contributed to

25%

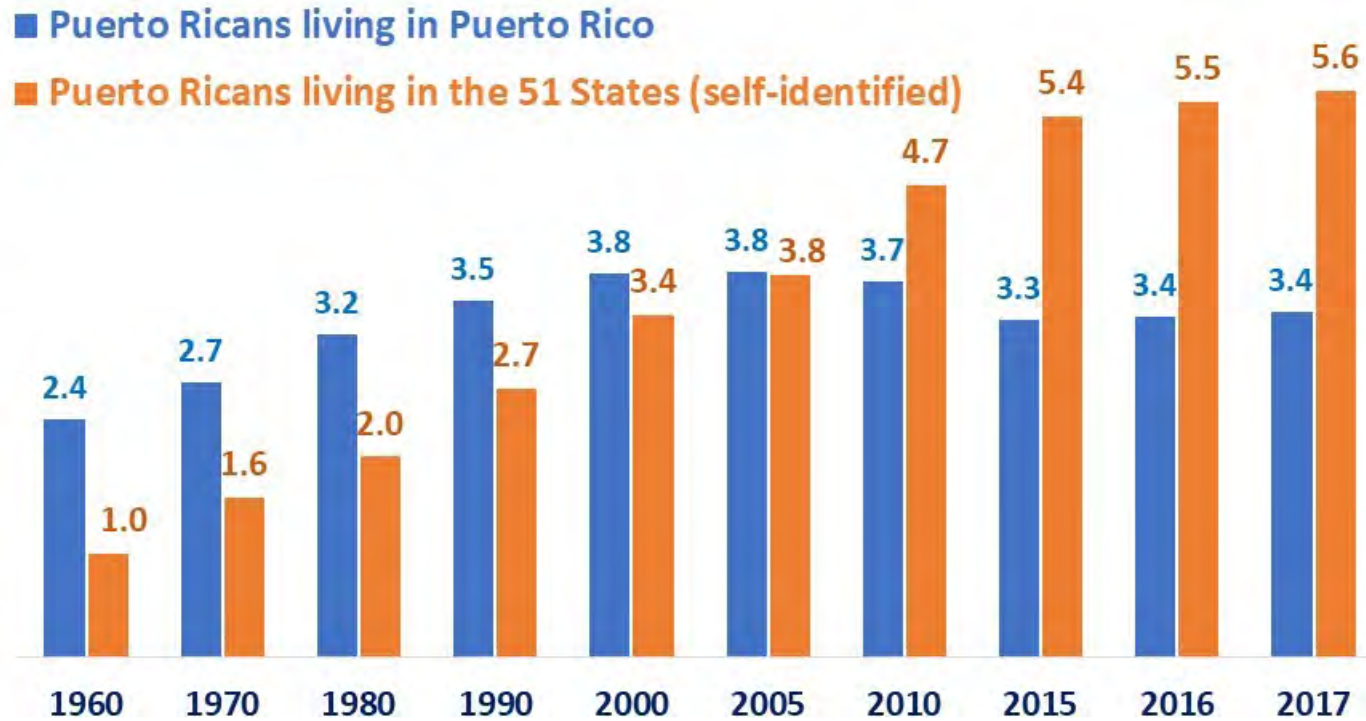
of Brazil's reduction in inequality

AND 16% OF THE DROP IN EXTREME POVERTY

► Read Full Report: [Lindert, Kathy, et al. "The Nuts and Bolts of Brazil's Bolsa Familia Program: Implementing Conditional Cash Transfers in a Decentralized Context."](#)

Puerto Ricans in Puerto Rico and not in Puerto Rico... voting with your feet, then voting...

Figure PR-1 Puerto Ricans in and outside Puerto Rico (millions)



Venezuela <https://www.brookings.edu/blog/up-front/2018/04/23/venezuelas-refugee-crisis-views-from-the-border/>

LAC Equity Lab: Ethnicity - Access to Services

- Overview
- Country at a Glance
- Poverty
- Shared Prosperity
- Income Inequality
- Economic Growth
- Labor Markets
- Equality of Opportunities
- Gender
- Ethnicity
 - Socio-demographics
 - Poverty
 - **Access to Services**
 - Opinion Survey
- Resources

Dashboard Countries | Dashboard Regional | Access table

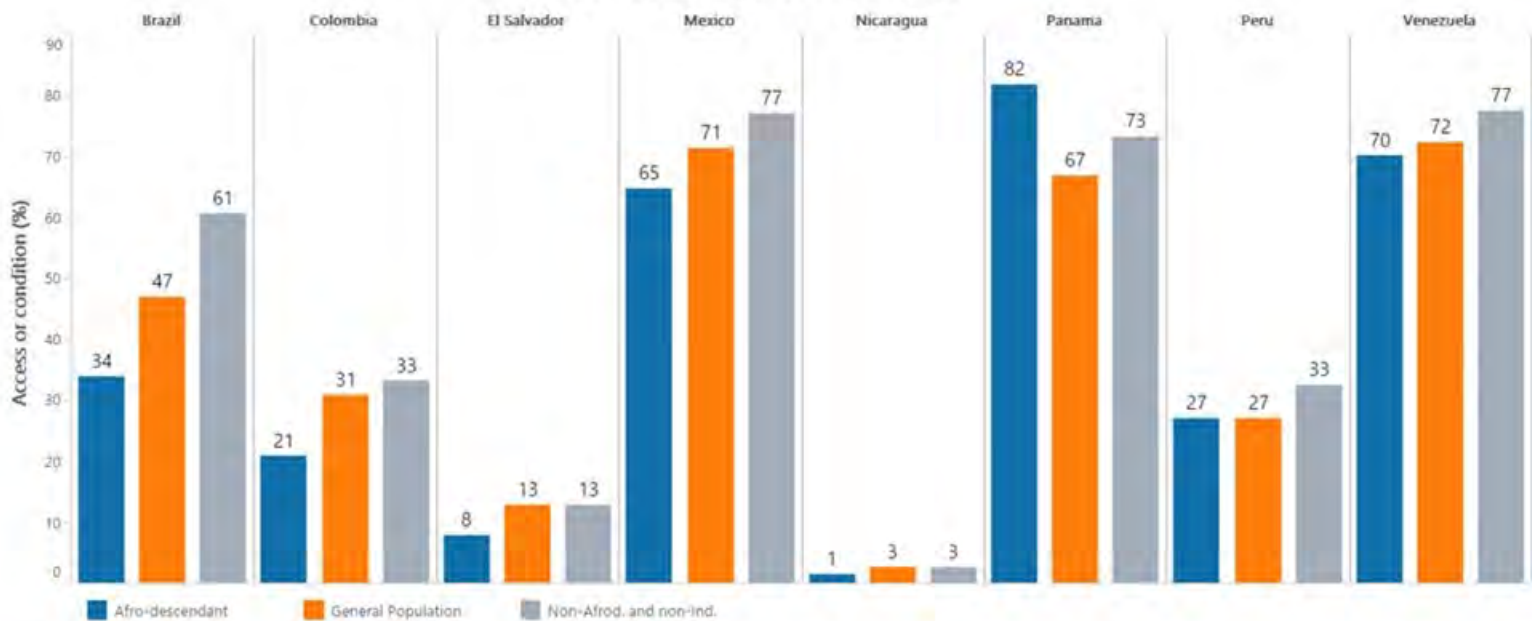
Household Service/Condition: Clothes washing machine

Ethnicity: (Multiple values)

Zone: All

[CSV](#)

Household Services and Conditions
Clothes washing machine - All areas



CONTACTS

LAC EQUITY LAB

Washington, D.C. 1818 H Street NW
[Email us!](#)

STAY CONNECTED

Source: IPUMS, SEDLAC (CEDLAS and the World Bank) and Census data from NSO websites
 Note: Ethnic identity is based on self-reported data. Since the numbers presented here are based on a variety of sources, they may differ from official statistics reported by governments and national statistical offices. Monetary values are reported in USD 2011 purchasing power parity (PPP) terms. Updated October 2018



Details **Transcript** **Comments (269)**
About the talk 47 languages Join the conversation

What was the greatest invention of the industrial revolution? Hans Rosling makes the case for the washing machine. With newly designed graphics from Gapminder, Rosling shows us the magic that pops up when economic growth and electricity turn a boring wash day into an intellectual day of reading.

This talk was presented at an official TED conference, and was featured by our editors on the home page.

2,606,324 views

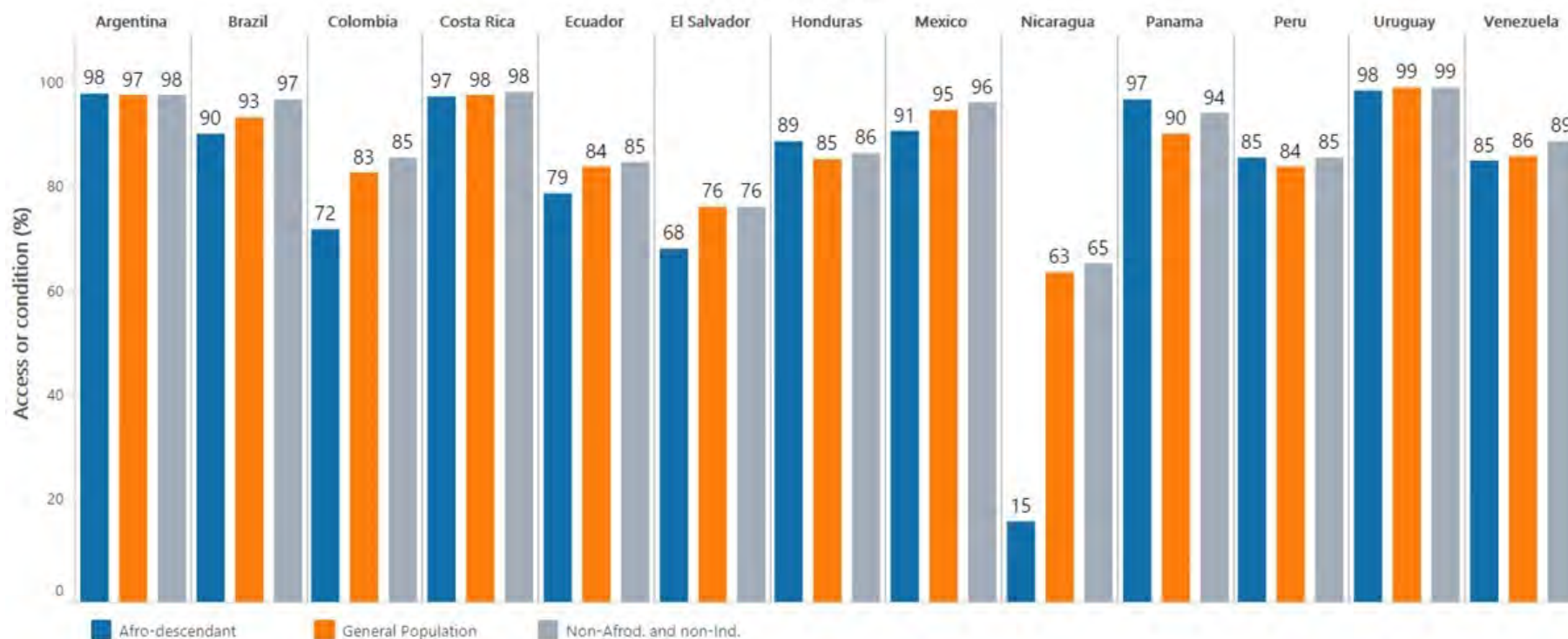
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https://www.ted.com/talks/hans_rosling_and_the_magic_washing_machine?language=en

<http://www.worldbank.org/en/topic/poverty/lac-equity-lab1/ethnicity/ethnicity-education>

Household Services and Conditions Water - All areas



Source: IPUMS, SEDLAC (CEDLAS and the World Bank) and Census data from NSO websites

Note: Ethnic identity is based on self-reported data. Since the numbers presented here are based on a variety of sources, they may differ from official statistics reported by governments and national statistical offices. Monetary values are reported in USD 2011 purchasing power parity (PPP) terms. Updated October 2018

<http://www.worldbank.org/en/topic/poverty/lac-equity-lab1/ethnicity/ethnicity-education>