

Puerto Rico is important but difficult because of its special status... so topical and important we need a presentation from all of us PR. Mainly we need to cooperate and share our work. For example, I did the poverty rate diagram for you guys (and got the data from IPUMS USA) See PR-2 below. There is also data on the Gini over the past 30 years. We need share this data. This is the way we replicate what others did using povcalnet at the WB. The first step is a bibliography of the references we have far, everyone should send a list and sentence or two about the references they have read.

1. JJ will focus on should focus on poverty and inequality trend (this spreadsheet and Figure PR-2 below). We have a Figure for poverty, we just need data on inequality (Ginis). JJ can you find date on inequality, it is online, just not all in one place. Make sure the citations and add this SNAP article from calendar and the PR web page and see total transfers below

2. Brianna will focus one trade and debt the growth outlook. Today on NPR I heard there is 20% tax on all goods from PR in the House version of the tax bill. transfers from the Federal government use figures from Bustillo and Velloso (2015) study (see Figure 1 below). g business" indicators, etc.

3. Melky will focus on restoring business conditions and exports, see Table DB-2 [Puerto Rico is here...](#) is for everyone (Puerto Rico is a DB jurisdiction...) Table DB-2 is [from this spreadsheet](#) containing rankings for all 189 countries. Venezuela is almost the worst country in the world for doing business (Eritrea is worse at 189th).

Final exam question: During 2006 to 2011 what was the highest DB rank ever achieved by a LatAm "jurisdiction"? What happened to that jurisdiction after that? During this period, Mexico and Chile were competing for highest ranking, when did Mexico overtake competition (what year?)

Table DB-2 2018 Doing Business Rank, Latin America

LatAm Jurisdictions: DB Rank	2018	Change Since			DB rank in:		
		2017	2011	2006	2017	2011	2006
Mexico	49	-2.0	-14	24	47	35	73
Chile	55	2.0	-12	-30	57	43	25
Peru	58	-4.0	-22	13	54	36	71
Colombia	59	-6.0	-20	7	53	39	66
Costa Rica	61	1.0	64	28	62	125	89
Puerto Rico	64	-9.0	-17	-42	55	47	22
Uruguay	94	-4.0	30	-9	90	124	85
Guatemala	97	-9.0	4.0	12	88	101	109
Dominican Republic	99	4.0	-8.0	4.0	103	91	103
Trinidad and Tobago*	102	-6.0	-5.0	-43	96	97	59
Paraguay	108	-2.0	-2.0	-20	106	106	88
Honduras	115	-10	16	-3	105	131	112
Argentina	117	-1.0	-2	-40	116	115	77
Ecuador	118	-4.0	12	-11	114	130	107
Brazil	125	-2.0	2	-6	123	127	119
Nicaragua	131	-4.0	-14	-72	127	117	59
Bolivia	152	-3.0	-3	-41	149	149	111
Haiti	181	0.0	-19	-47	181	162	134
Venezuela	188	-1.0	-16	-68	187	172	120

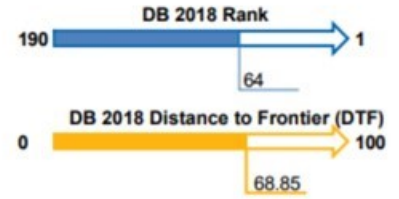
Source: Wikipedia Ease of doing business index <http://www.doingbusiness.org/rankings>

[https://en.wikipedia.org/wiki/Ease_of_doing_business_](https://en.wikipedia.org/wiki/Ease_of_doing_business) *Since 2007

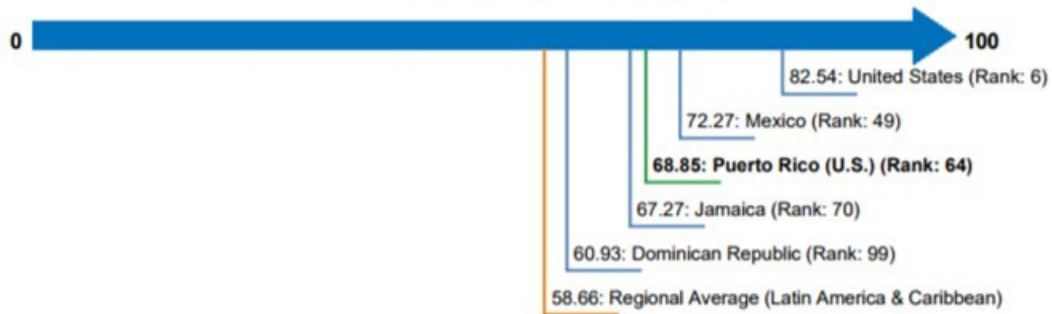
Ease of Doing Business in Puerto Rico (U.S.)



Region	Latin America & Caribbean
Income Category	High income
Population	3,411,307
GNI Per Capita (US\$)	29,697
City Covered	San Juan

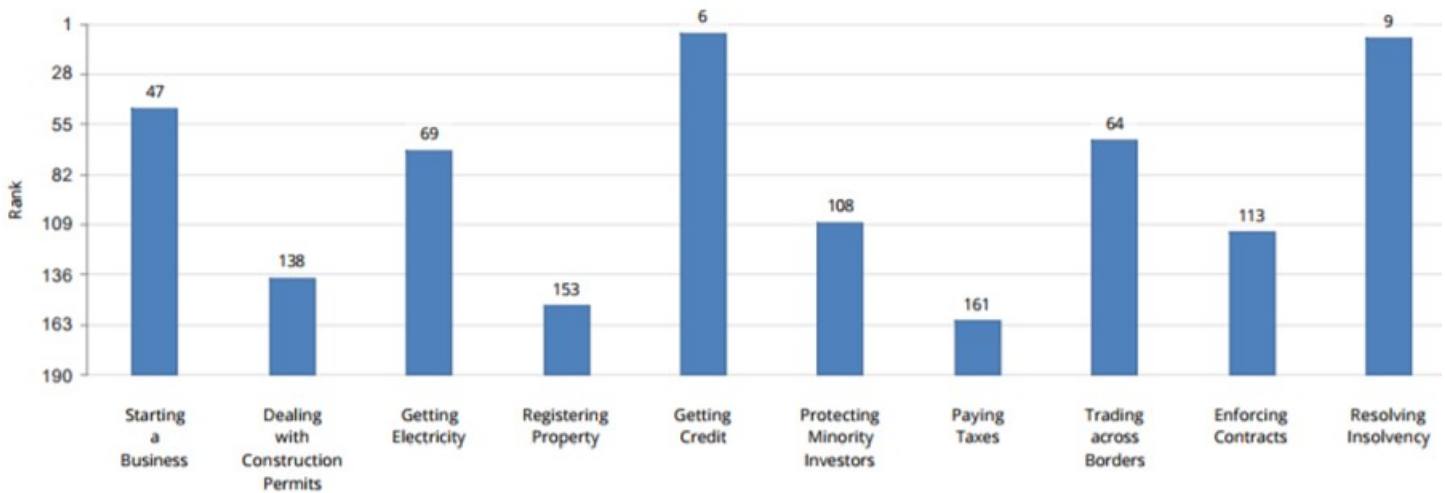


DB 2018 Distance to Frontier (DTF)



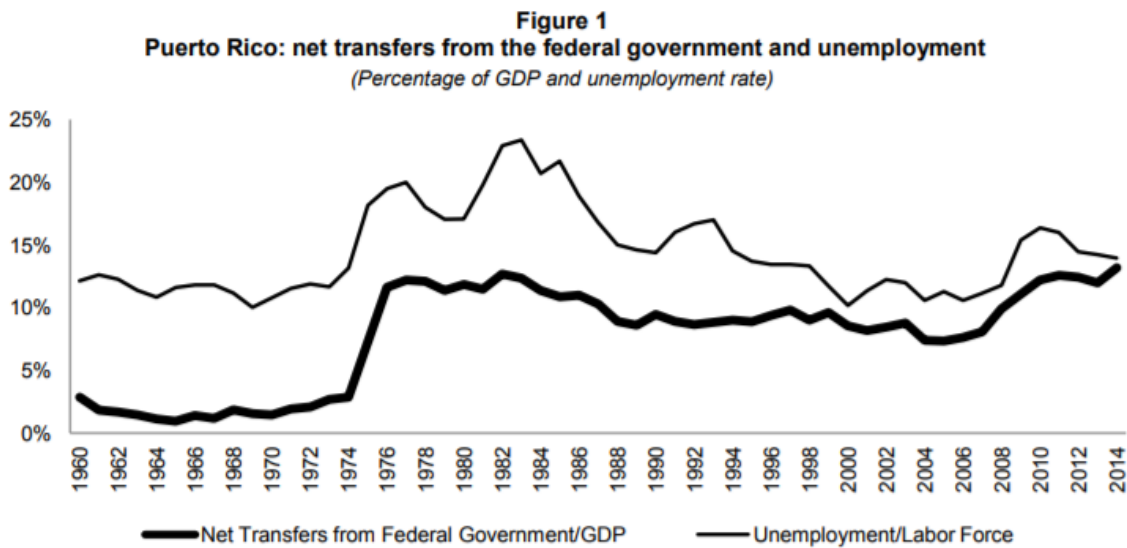
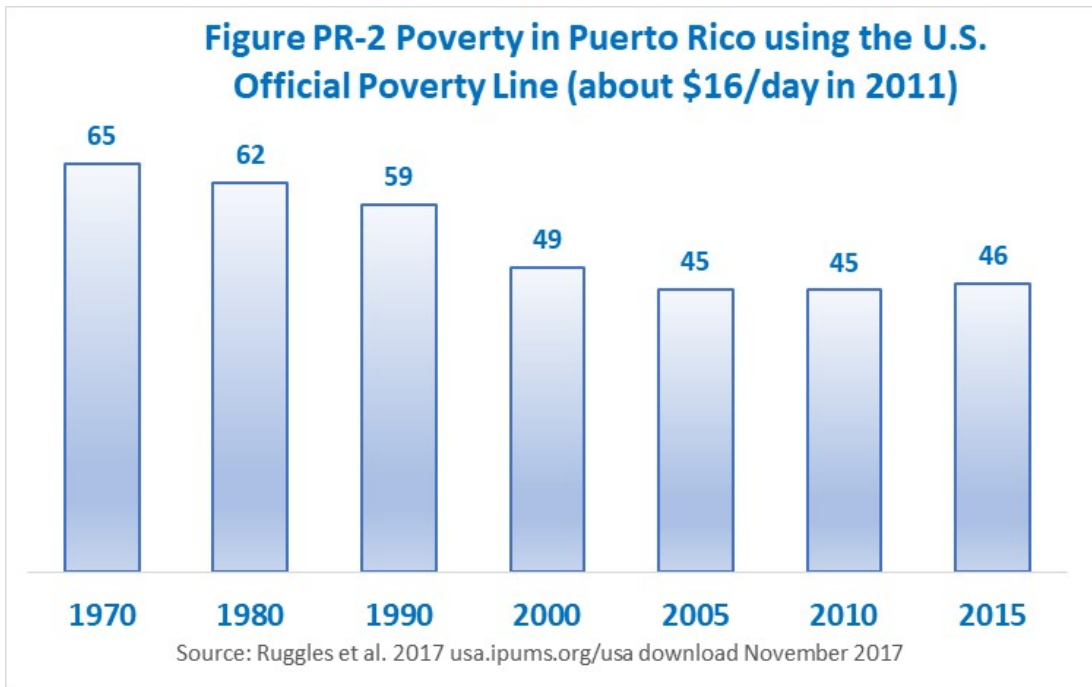
Note: The distance to frontier (DTF) measure shows the distance of each economy to the "frontier," which represents the best performance observed on each of the indicators across all economies in the Doing Business sample since 2005. An economy's distance to frontier is reflected on a scale from 0 to 100, where 0 represents the lowest performance and 100 represents the frontier. The ease of doing business ranking ranges from 1 to 190.

Rankings on Doing Business topics - Puerto Rico



<http://www.doingbusiness.org/rankings?region=latin-america-and-caribbean>

Use this CEPAL study it has the transfers from the U.S. and unemployment figure...



Source: ECLAC, on the basis of data from Puerto Rico's Planning Board and the U.S. Bureau of Labor Statistics, Local Area Unemployment Statistics (LAUS).

¹¹ See Hausmann (1995) who pointed to the strong correlation of net federal transfers with the business cycle from 1960 to 1993.

Source: Bustillo and Velloso (2015)

Final exam question: 1) Puerto Rico pays a cost for its fixed exchange rate (using the dollar). What is the benefit it receives during crises (see Figure 1 above).

Bram, J., Martinez, F. E., & Steindel, C. (2008) **Trends and developments in the economy of Puerto Rico**. Current Issues in Economics and Finance, 14 (2)

*Bustillo, I., & Velloso, H. (2015). [Puerto Rico: Fiscal and economic growth challenges](http://www.cepal.org/en/publications/39166-puerto-rico-fiscal-and-economic-growth-challenges). Economic Commission for Latin America and the Caribbean. <http://www.cepal.org/en/publications/39166-puerto-rico-fiscal-and-economic-growth-challenges>

Carrillo, Paul, Jozefina Kalaj, and Anthony Yezer (2017) "[Could Austerity Collapse the Economy of Puerto Rico?](http://www2.gwu.edu/~iiep/assets/docs/papers/2017WP/CarrilloIIEP2017-17.pdf)." IIEP September 17th, George Washington University, <http://www2.gwu.edu/~iiep/assets/docs/papers/2017WP/CarrilloIIEP2017-17.pdf>

*Federal Reserve Bank of New York. (2014). [An update on the competitiveness of Puerto Rico](https://www.newyorkfed.org/medialibrary/media/outreachand-education/puerto-rico/2014/Puerto-Rico-Report-2014.pdf)'s economy. <https://www.newyorkfed.org/medialibrary/media/outreachand-education/puerto-rico/2014/Puerto-Rico-Report-2014.pdf>

*Feliciano, Z. M., & Green, A. (2017). US Multinationals in Puerto Rico and the Repeal of Section 936 Tax Exemption for US Corporations. NBER Working Paper 23681.

*Reeves, R. V., & Guyot, K. (September 2017). Keeping our PROMESA: What the US can do about Puerto Rico's fiscal crisis. Brookings Institution Report. 19

Post Hurricane Maria References

Hsiang, Solomon and Trevor Houser (2017) Don't Let Puerto Rico Fall Into an Economic Abyss. Retrieved from New York Times Online September 29th: <https://www.nytimes.com/2017/09/29/opinion/puerto-rico-hurricane-maria.html>

Other publications, data sources?

Financial Oversight and Management Board for Puerto. (August 2017). Request for Proposal: Independent Investigation Team.

Goodman, A. C. (2013). Is there an S in urban housing supply? Or what on earth happened in Detroit? Journal of Housing Economics, 22 , 179-191.

Government of Puerto Rico, Puerto Rico Fiscal Agency and Financial Advisory Authority. (March 2017). Fiscal Plan for Puerto Rico.

Gurtin Municipal Bond Management. (2014). Municipal credit research report: The overlooked role of the Government Development Bank in Puerto Rico's crisis. <https://www.gurtin.com/researchDocument/?id=2586>

Hanson, A., & Hawley, Z. (2014). The \$10.10 Minimum Wage Proposal: An Evaluation Across States. Journal of Labor Research, 35, 323-345.

Jaccard, P. (1912). The distribution of the flora in the alpine zone. New Phytologist, 11 (2), 37-50.

Lafontaine, F. R. (2011). Puerto Rico Act 154: The beginning of the end? Effects of Act 154 on future economic development. *University of Puerto Rico Business Law Journal*, 2, 216-241.

Weisskoff, R., & Ruiz, A. (2009). Book review: The economy of Puerto Rico: Restoring growth, edited by Susan M. Collins, Barry Bosworth and Miguel A. Soto-Class. Journal of Regional Science, 49 (5), 1024-1027.

Whalen, C. J., & Reichling, F. (2015). The fiscal multiplier and economic policy analysis in the United States. Contemporary Economic Policy, 33 (4), 735-746.

Working Group for the Fiscal and Economic Recovery of Puerto Rico. (2016). Puerto Rico fiscal and economic growth plan: Updated presentation. <http://www.gdb-pur.com/documents/PRFEGPUpdatePresentation1.18.16-2.pdf>
<http://www.gdbpur.com/documents/PRFEGPUpdatePresentation1.18.16-2.pdf>

Urls Not References yet (urls me be turned into references or discarded if nothing there)

https://www.brookings.edu/blog/order-from-chaos/2017/10/02/treat-puerto-rico-hurricane-like-rebuilding-iraq-and-afghanistan/?utm_campaign=Brookings%20Brief&utm_source=hs_email&utm_medium=email&utm_content=56930551

<http://www.npr.org/sections/money/2017/09/27/553990861/episode-524-mr-jones-act>

(this is already on Web page: <http://darrylmcleod.com/category/econ3235/puerto-rico-case-study/>)

<https://fas.org/sgp/crs/row/R44095.pdf>

<http://newlaborforum.cuny.edu/2016/03/29/debtors-island/>

[These are from Brianna](#)

<http://www.pbs.org/newshour/rundown/jones-act-explained-waiving-means-puerto-rico/>

<https://www.nytimes.com/2017/09/28/us/jones-act-waived.html?mcubz=0>

<http://thehill.com/opinion/international/353261-strong-economic-growth-is-puerto-ricos-only-hope>
