External sector II

Luis Francisco Gomez Lopez

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Please Read Me

- Check the message Welcome greeting published in the News Bulletin Board.
- Dear student please edit your profile uploading a photo where your face is clearly visible.
- The purpose of the virtual meetings is to answer questions and not to make a summary of the study material.

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• This presentation is based on (Cardenas 2020, chap. 5)

Purpose

Explain the composition and determinants of Colombian foreign trade $\,$

The concept of comparative advantage

- Absolute advantage: the ability of a party (individual, company, country) to produce a product more efficiently than any other party
 - A party should concentrate in producing a good in which it has an absolute advantage
 - ¿What happend when you don't have an absolute advantage?
- Comparative advantage: the ability of a party (individual, company, country) to produce a product at a lower relative opportunity cost
 - Under certain conditions, even if a party doesn't have an absolute advantage, trade with other agent can be benefical for both of them

The concept of comparative advantage

- Example of gains of trade using the concept of comparative advantage (Ridley 2010)
 - **Agent 1** produce 1 spear in 4 hours and 1 axe in 3 hours.
 - To produce both products agent 1 will need to allocate 7 hours
 - Agent 2 produce 1 spear in 1 hour and 1 axe in 2 hours.
 - Agent 2 has the absolute advantage in the prodution of spears and axes.
 - To produce both products agent 2 will need to allocate 3 hours
 - ¿It will be benefical for agent 1 and 2 to trade? Yes!!! **Agent 1** can produce 2 axes in 6 hours and **agent 2** 2 spears in 2 hours. Then they can trade 1 spear for 1 axe.
 - Agent 1 has now 1 spear and 1 axe only working 6 hours.
 - Furthermore agent 2 has now 1 spear and 1 axe only working 2 hours.
 - Each of them saves 1 hour of work in contrast with a situation in which they don't trade and produce themselves both products.

Volume of international trade

Colombia imports and exports: 1960-2022 Variables Units: constant Local Currency Units Base Year 2015 Imports WDI code: NE.IMP.GNFS.KN Exports WDI: NE.EXP.GNFS.KN 250 000B 200 000B 3illions (Short scale) 150 000R Exports Imports 100 000B 50 0008 \$ 1960 1980 2000 2020 Year

Last update: 2023-06-29

Source: World Development Indicators - World Bank,

Harmonized System (HS)

- The Harmonized System (HS) is a standardized numerical method of classifying traded goods that is internationally accepted and maintained by the World Customs Organization (WCO)
- The HS code consists of 6-digits that are the same independent of the country:
 - First 2 digits designate the HS chapter
 - Second 2 digits designate the HS heading
 - Third 2 digits designate the **HS** subheading
- Example of HS code: 090111 (Coffee, not roasted, not decaffeinated)
 - Chapter **09**: Cofee, tea, mate and spices
 - Heading 01: Coffee, whether or not roasted or decaffeinated; coffee husks and skins; coffee substitutes containing coffee in any proportion
 - Subheading 11: Coffee, not roasted, not decaffeinated

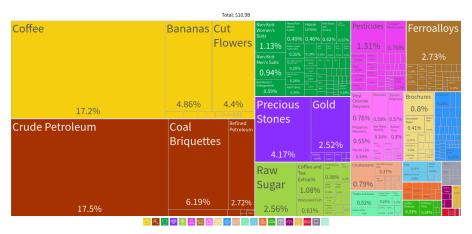


Figure 1: Colombian good exports HS 4 digits (HS92) edition year 1995 (OEC 2022)

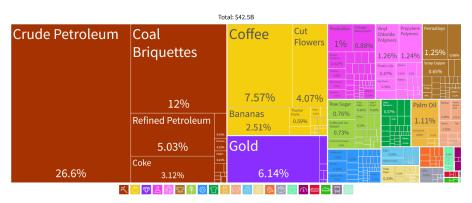


Figure 2: Colombian good exports HS 4 digits (HS92) edition year 2021 (OEC 2022)

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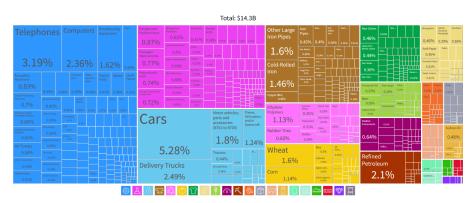


Figure 3: Colombian goods imports HS 4 digits (HS92) edition year 1995 (OEC 2022)

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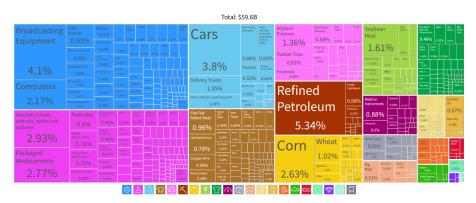
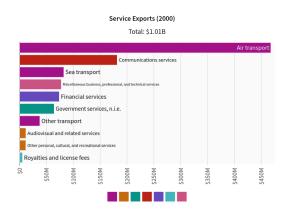


Figure 4: Colombian goods imports HS 4 digits (HS92) edition year 2021 (OEC 2022)

Extended Balance of Payments Services classification (EBOPS)

- The EBOPS classification provides a breakdown of the Balance of Payments Trade in Services by types of services.
- The classification thereby meets a number of user requirements, including the provision of more detailed information on Trade in services
 - EBOPS 2002
 - EBOPS 2010
- For more information check out
 - (Nationen and Kommission 2002)
 - (Nations 2012)



oec.world/en/visualize/tree_map/hs92/export/aus/all/show/2020/

Figure 5: Colombian services exports (EBOPS Version 2002) year 2000 (OEC 2022)

app-jaguar.oec.world/

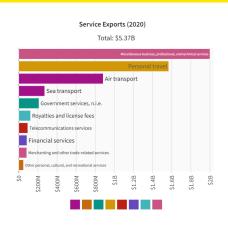
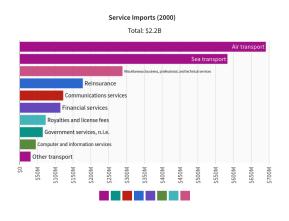


Figure 6: Colombian services exports (EBOPS Version 2002) year 2020 (OEC 2022)



oec.world/en/visualize/tree map/hs92/export/aus/all/show/2020/

Figure 7: Colombian services imports (EBOPS Version 2002) year 2000 (OEC 2022)

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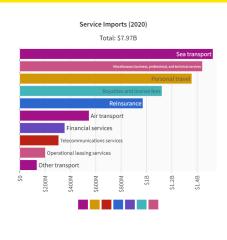


Figure 8: Colombian services imports (EBOPS Version 2002) year 2020 (OEC 2022)

Observatory of Economic Complexity (OEC)

- "The Observatory of Economic Complexity (OEC) is an online data visualization and distribution platform focused on the geography and dynamics of economic activities" (OEC 2022)
- "The OEC is currently designed and developed by Datawheel, but it began as a research project at MIT's Collective Learning group (former Macro Connections Group)" (OEC 2022)

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Observatory of Economic Complexity (OEC)

- Tree map
 - https://oec.world/ > TOOLS > Tree map
 - Country
 - Product
 - Bilateral
- Profiles
 - https://oec.world/ > PROFILES > Countries > Colombia

Acknowledgments

- To my family that supports me
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- To the Linux kernel community for allowing me the possibility to use some Linux distributions as my main OS without paying for a license

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