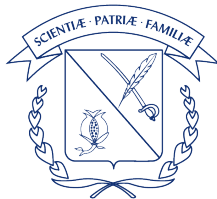


# Introduction I

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FAEDIS

2025-01-17



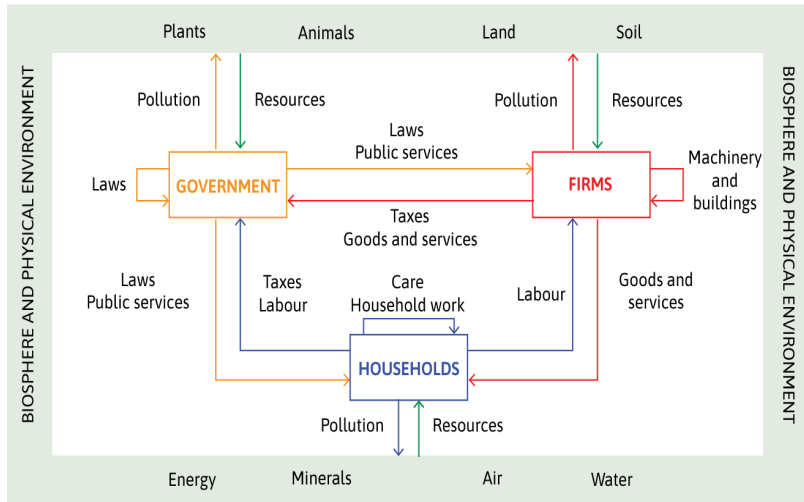
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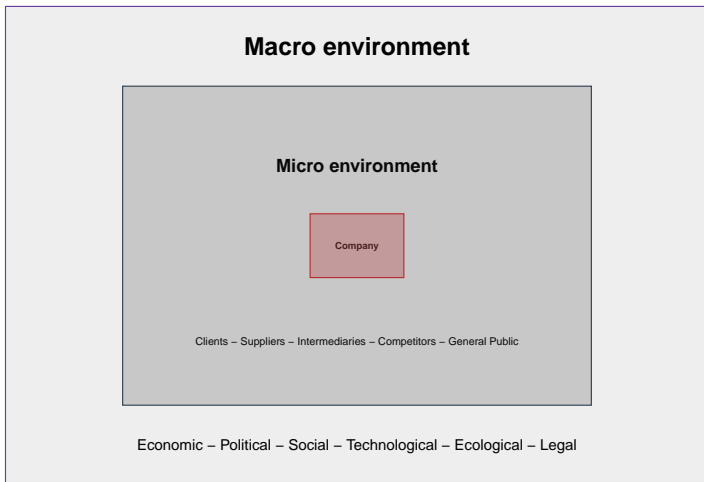
- 1 Please Read Me
- 2 Purpose
- 3 The economy as a system
- 4 People
- 5 Households
- 6 School education system
- 7 Acknowledgments

- 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.
- If you want to participate, please fill out the following survey: Primer corte 30% > Learning Activities > Tu opinión sobre la economía colombiana
- This presentation is based on (Cardenas 2020, chap. 1)

Identify the main characteristics of the Colombian economy, especially those that differentiate it from other economies

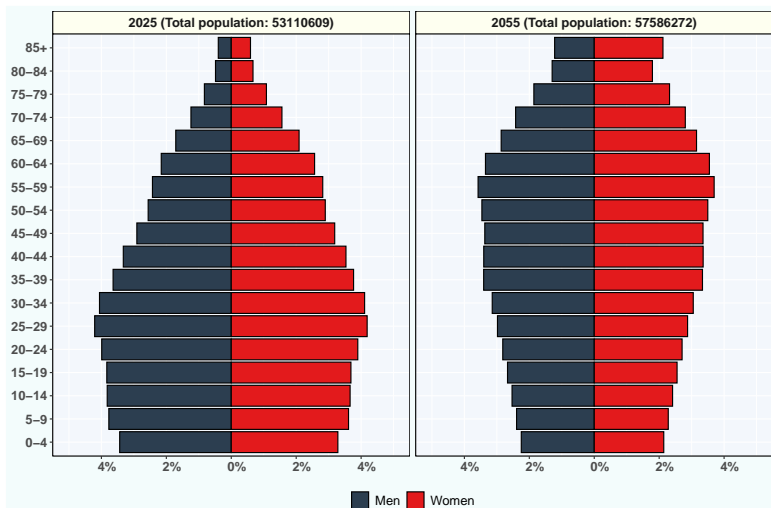


**Figure 1:** A model of the economy: flows of resources (Team 2023, fig. 1.21)



Based on <https://foda-dafo.com/>

**Figure 2:** Set of economic factors and forces that influence the development of an organization

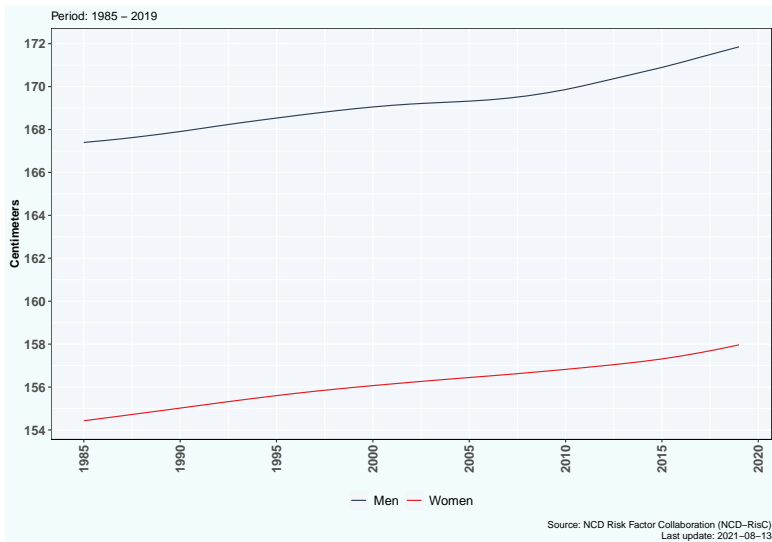


Source: DANE – Proyecciones y retroproyecciones de población nacional 2020–2070 con base en el CNPV 2018 (área, sexo y edad)  
Last update date: 2023–03–22

**Figure 3: Population pyramid in Colombia**

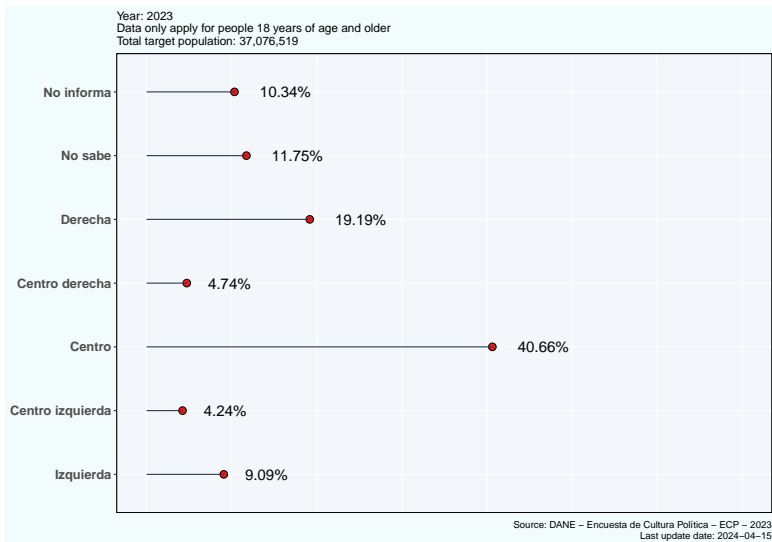
- Why the behavior of population is important?
  - *“Demographic change must be taken into account to redesign human development and comprehensive well-being policies within the framework of longer lifespans.” (DNP 2022, 36)*





**Figure 4:** Average height by gender for 19 year olds in Colombia

- Why height is important?
  - *“Height provides a measure of biological quality of life, one of the dimensions of overall quality of life.” (Meisel and Vega 2007, 37)*
  - *“Poor nutrition and illness in childhood limit human growth. As a consequence, the average height of a population is strongly correlated with living standards in a population.” (Roser, Appel, and Ritchie 2024)*

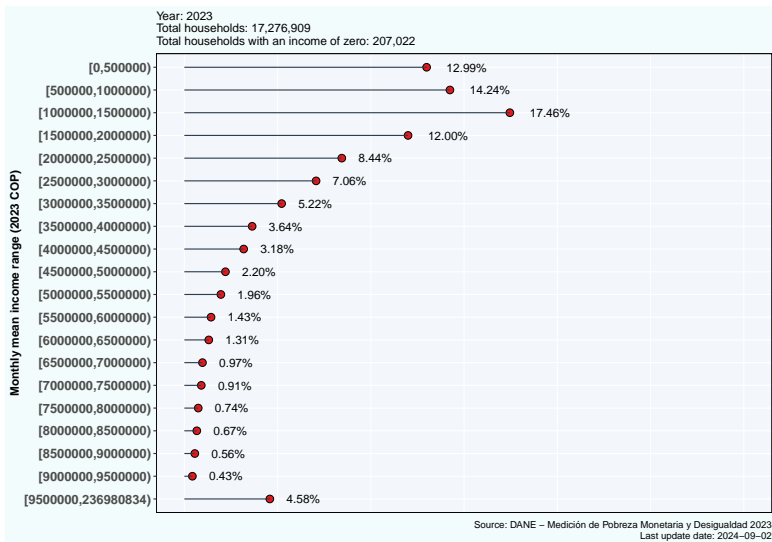


**Figure 5: Ideological position in Colombia**

- Why political preferences matter in an economic context?
  - In a democracy political preferences matter because the representatives that we choose determine some economic outcomes. For example:
    - Level of taxation and spending
    - Level of regulation like in the case of the environment or the labor market
    - Trade policy in relation to more or less free trade or protectionism

- If you want to learn more about people in Colombia check out:
  - Primer corte 30% > Learning Resources > Links of interest > Así se ve Colombia en 100 personas - La Silla Vacía

- **ingtotug**: “Ingreso total de la unidad de gasto **antes** de imputación de arriendo a propietarios y usufructuarios” (DNP and DANE 2012, 16–17)
  - *Ingreso monetario primera actividad (IMPA)*
  - *Ingreso en especie (IE)*
  - *Ingreso segunda actividad (ISA)*
  - *Ingreso monetario de desocupados e inactivos (IMDI)*
  - *Ingresos por otras fuentes (IOF)*
- **ingtotugarr**: “Ingreso total de la unidad de gasto con imputación de arriendo a propietarios y usufructuarios” (DNP and DANE 2012, 24–26)
  - Modulo B Datos de la Vivienda: 11. Si tuviera que pagar arriendo por esta vivienda, ¿cuánto estima que tendría que pagar mensualmente? (DANE 2019, p 2)



**Figure 6:** Household income distribution in Colombia

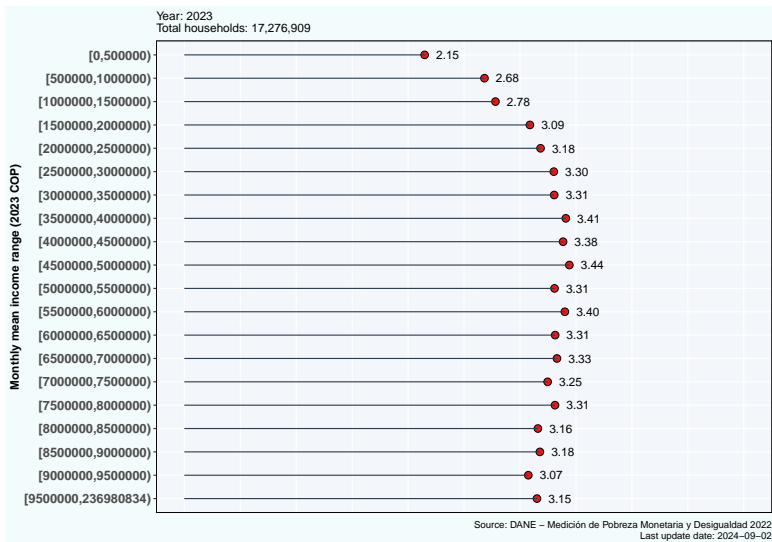
- If you want to explore more about this topic using data from the year 2019 check out<sup>1</sup>:
  - <https://www.ofiscal.org/> > Interactúa > Calcule dónde se ubica su hogar según su ingreso →
    - <https://www.ofiscal.org/ingresosxhogares>
- If you want to explore more about this topic from around the world in a visual way check out<sup>2</sup>:
  - See how the rest of the world lives, organized by income (Configure spanish subtitles in the setting options)
  - <https://www.gapminder.org> > Resources > Tools > Dollar Street
    - <https://www.gapminder.org/dollar-street>

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<sup>1</sup>Observatorio Fiscal de la Pontificia Universidad Javeriana

<sup>2</sup>Dollar Street



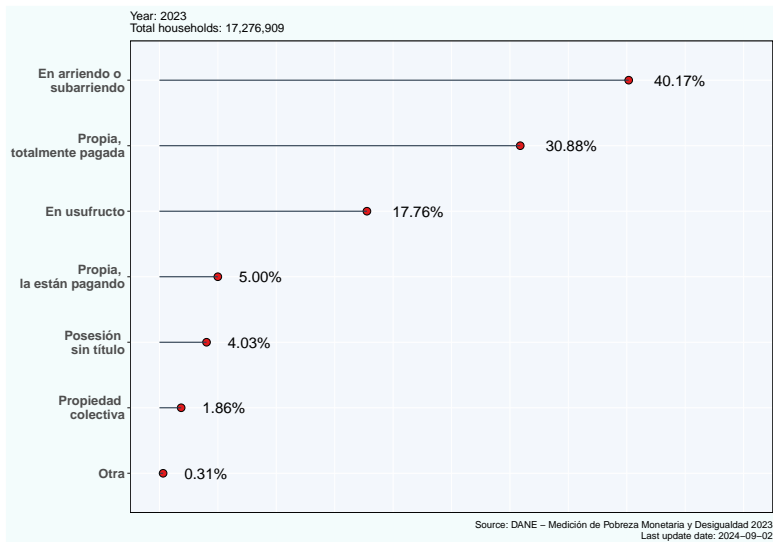


**Figure 7:** Mean individuals per household by income range in Colombia

- Housing (vivienda) ownership status<sup>3</sup>
  - *Propia, totalmente pagada*
  - *Propia, la están pagando*
  - *En arriendo o subarriendo*
  - *En usufructo*
  - *Posesión sin título*
  - *Propiedad colectiva*
  - *Otra*
- The concept of housing (vivienda) is different from a household (hogar)
  - Zero or more households can live in a housing (vivienda)
  - For a detail definition of a household check out (**United Nations 2017, 38, 2.33**)

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<sup>3</sup>For a detail definition of these categories checkout (**DANE 2022, 35**)



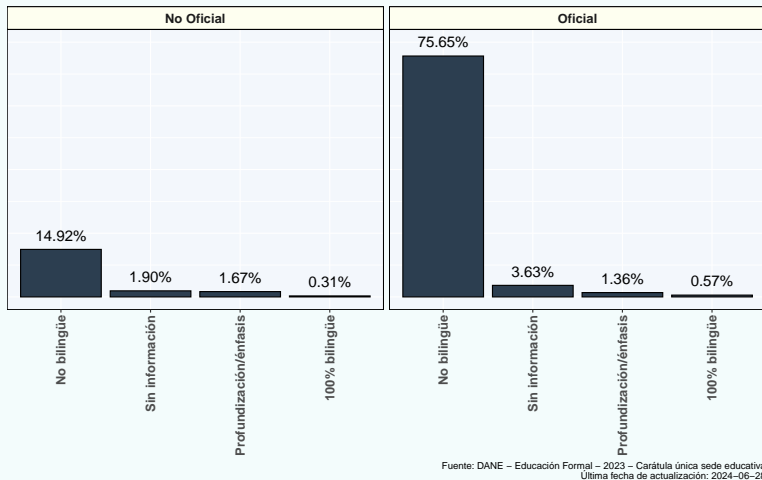
**Figure 8:** Housing ownership status of households in Colombia

Year: 2023

Total educational establishments: 56,269

Total non official educational establishments: 10,577

Total official educational establishments: 45,692



**Figure 9:** Bilingualism and educational establishments (preschool, elementary, middle and high school) in Colombia

- Why learn a foreign language?
  - The benefits of foreign language learning can be divided into 3 categories: intercultural understanding, economic benefits and cognitive (OECD 2021, 10)
    - Intercultural understanding: by learning a foreign language you can understand other cultures and visions of the world (OECD 2021, 11).
    - Economic: people who know more than one language are more likely to be employed and have better career opportunities (OECD 2021, 10–11).
    - Cognitive: students who learn a foreign language are more creative and better at solving complex problems (OECD 2021, 11).

- To my family that supports me
- To the taxpayers of Colombia and the **UMNG students** who pay my salary
- To the **Business Science** and **R4DS Online Learning** communities where I learn **R** and  **$\pi$ -thon**
- To the **R Core Team**, the creators of **RStudio IDE**, **Quarto** and the authors and maintainers of the packages **tidyverse**, **readxl**, **janitor**, **scales**, **knitr**, **kableExtra**, **lubridate**, **ggrepel**, and **tinytex** for allowing me to access these tools without paying for a license
- 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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