

Introduction

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Please Read Me

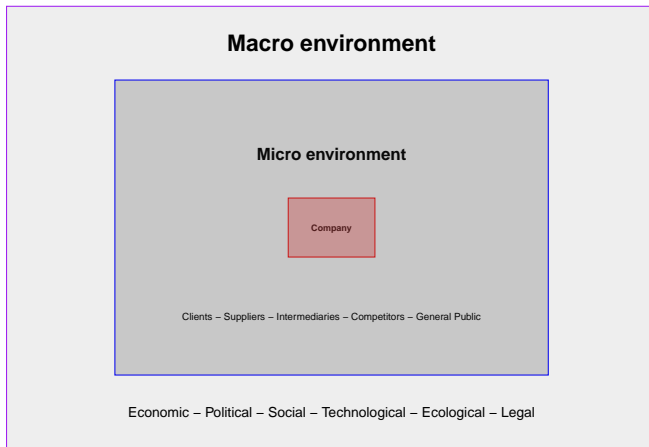
- Check the message **Welcome greeting** published in the News Bulletin Board.
- Dear student please edit your profile uploading a photo where your face is clearly visible.
- The purpose of the virtual meetings is to answer questions and not to make a summary of the study material.
- This presentation is based on (Cárdenas Santamaría et al. 2013, Chapter 1)

Purpose

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

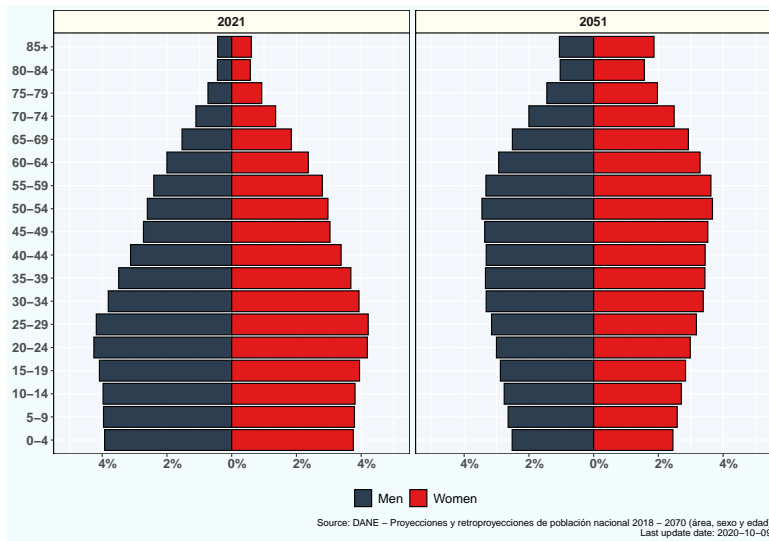
Economic environment and the Company

- Set of economic factors and forces that influence the development of and organization.

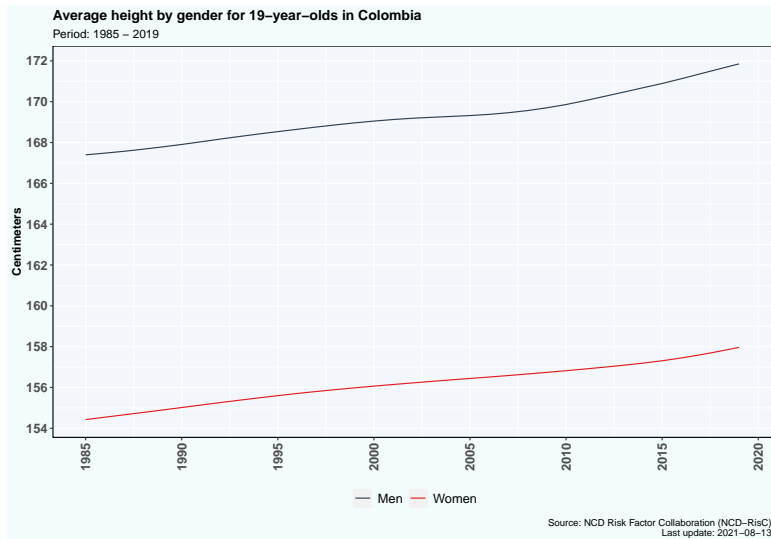


Based on <https://foda-dafo.com/>

Population



Mean height



Household income

- **ingtotug**: “Ingreso total de la unidad de gasto **antes** de imputación de arriendo a propietarios y usufructuarios” (DNP and DANE 2012, p 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, p 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)

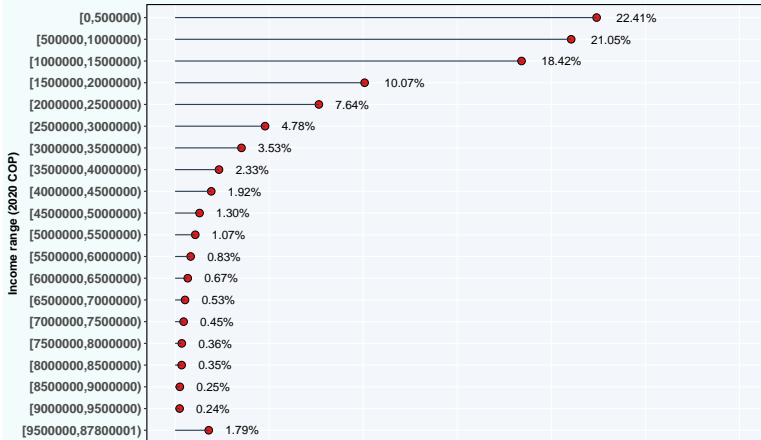
Household income

Household income distribution in Colombia

Year: 2020

Total households: 15,145,563

Total households with an income of zero: 474,532



Source: DANE – Medición de Pobreza Monetaria y Desigualdad 2020
Last update date: 2021-05-06

Household income

- If you want to explore more about this topic using data from the year 2019 check out¹:
 - <https://www.ofiscal.org/ingresosxhogares>
- If you want to explore more about this topic from around the world in a visual way check out²:
 - <https://youtu.be/u4L130DkdOw> (Configure spanish subtitles in the setting options)
 - <https://www.gapminder.org/dollar-street>

¹Observatorio Fiscal de la Pontificia Universidad Javeriana

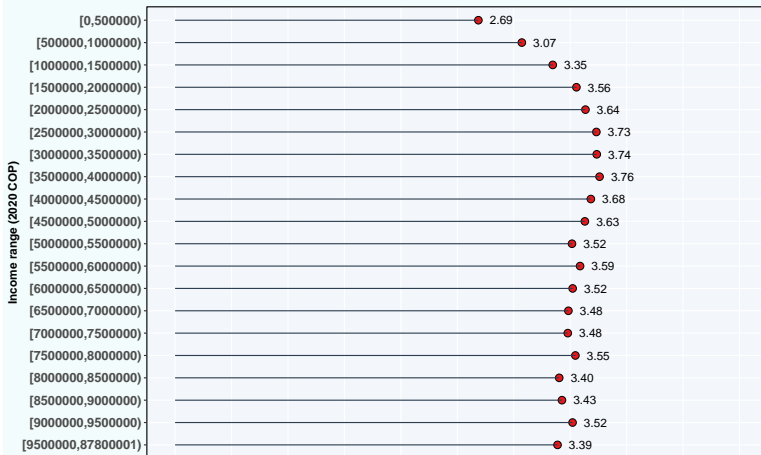
²Dollar Street

Individuals per household

Mean individuals per household by income range in Colombia

Year: 2020

Total households: 15,145,563



Source: DANE – Medición de Pobreza Monetaria y Desigualdad 2020
Last update date: 2021-05-06

Housing ownership

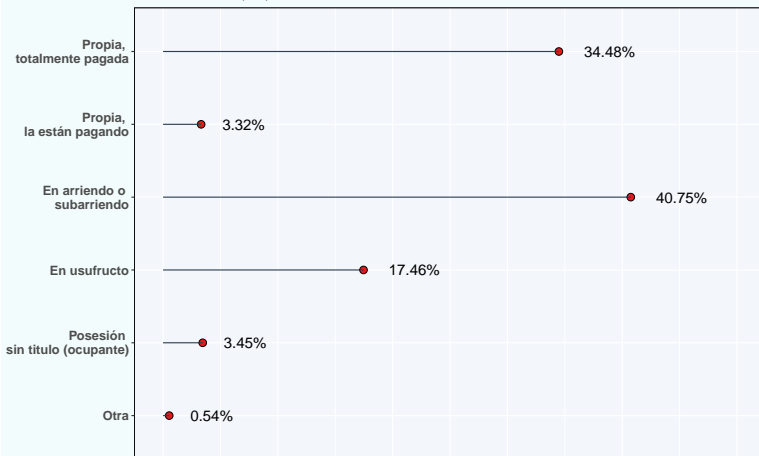
- Housing (vivienda) ownership status
 - “Propia, totalmente pagada”
 - “Propia, la están pagando”
 - “En arriendo o subarriendo”
 - “En usufructo”
 - “Posesión sin título (ocupante)”
 - “Otra”
- The concept of housing (vivienda) is different from a household (hogar)
 - Zero or more households can live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

Housing ownership

Housing ownership status of households in Colombia

Year: 2020

Total households: 15,145,563



Source: DANE – Medición de Pobreza Monetaria y Desigualdad 2020
Last update date: 2021-05-06

School education system and bilingualism

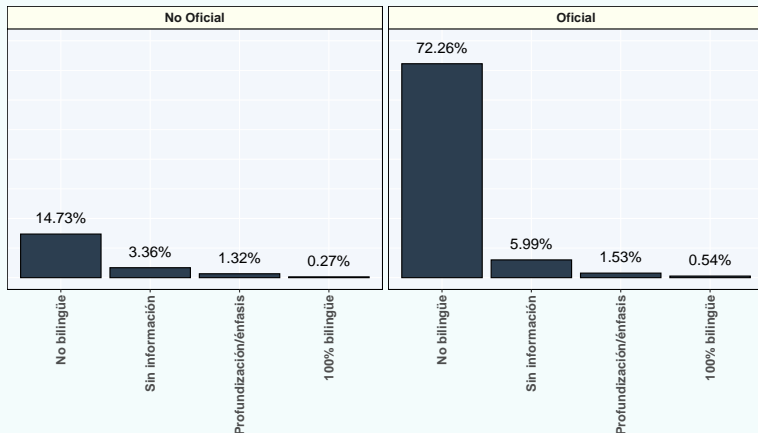
Bilingualism level in the Colombian school education system

Year: 2019

Number of educational establishments: 59,052

Number of not official educational establishments: 11,618

Number of official educational establishments: 47,434



Source: DANE - Educación Formal - 2019 - Carátula única sede educativa
Last update date: 2020-12-01

Aggregate value

- ISIC adapted for Colombia (DANE 2020, p 85)

| Section | Division | Description |
|---------|----------|--|
| A | 01-03 | Agricultura, ganadería, caza, silvicultura y pesca |
| B | 05-09 | Explotación de minas y canteras |
| C | 10-33 | Industrias manufactureras |
| D | 35 | Suministro de electricidad, gas, vapor, y aire acondicionado |
| E | 36-39 | Distribución de agua; evacuación y tratamiento de aguas residuales, gestión de desechos y actividades de saneamiento ambiental |
| F | 41-43 | Construcción |
| G | 45-47 | Comercio al por mayor y al por menor; reparación de vehículos automotores y motocicletas |
| H | 49-53 | Transporte y almacenamiento |
| I | 55-56 | Alojamiento y servicios de comida |
| J | 58-63 | Información y comunicaciones |
| K | 64-66 | Actividades financieras y de seguros |

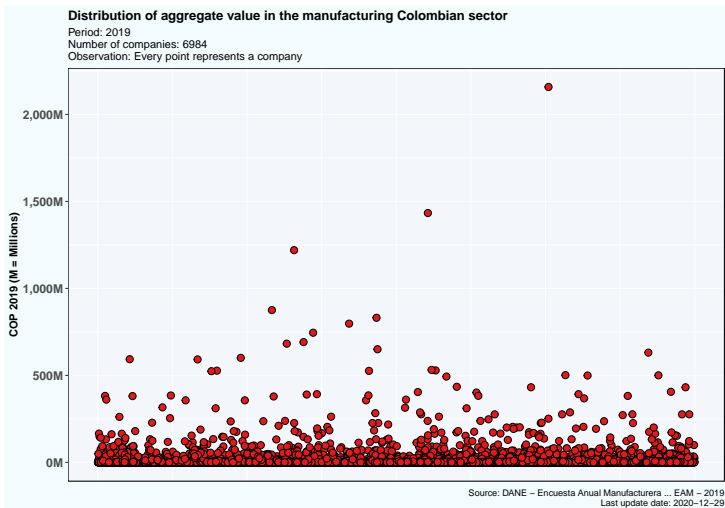
Aggregate value

- ISIC adapted for Colombia (DANE 2020, p 85)

| Section | Division | Description |
|---------|----------|---|
| L | 68 | Actividades inmobiliarias |
| M | 69-75 | Actividades profesionales, científicas y técnicas |
| N | 77-82 | Actividades de servicios administrativos y de poyo |
| O | 84 | Administración pública y defensa; planes de seguridad social de afiliación obligatoria |
| P | 85 | Educación |
| Q | 86-88 | Actividades de atención de la salud humana y de asistencia social |
| R | 90-93 | Actividades artísticas, de entretenimiento y recreación |
| S | 94-96 | Otras actividades de servicios |
| T | 97-98 | Actividades de los hogares en calidad de empleadores; actividades no diferenciadas de los hogares individuales como productores de bienes y servicios para uso propio |
| U | 99 | Actividades de organizaciones y entidades extraterritoriales |

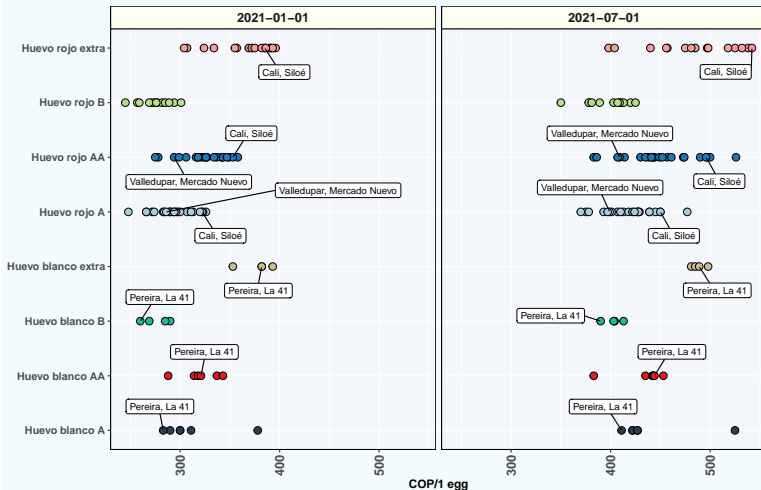
Aggregate value

- Aggregate value = Gross production - Intermediate consumption



Egg wholesale prices

Egg mean wholesale prices in 29 Colombian markets



Source: DANE - Sistema de información de precios SIPSA
Last update date: 2021-08-06

Flows and stocks

- **Stock:** a variable that is measured at a particular point in time
- **Flow:** a variable that is measured over a period of time
- Example “Declaración de Renta Iván Duque Márquez Año Gravable 2019”:
 - <https://www.funcionpublica.gov.co/fdci/consultaCiudadana>
 - Person type: NATURAL
 - First name: Iván
 - Surname: Duque
 - Last surname: Márquez

Flows and stocks

- Patrimonio (stock)

- 2019-12-31

| | | | |
|------------|---------------------------------|-----------|----------------------|
| Patrimonio | Total patrimonio bruto | 28 | 1,480,570,000 |
| | Deudas | 29 | 2,262,000 |
| | Total patrimonio líquido | 30 | 1,478,308,000 |

- Rentas de trabajo (flow)

- Between 2019-01-01 and 2019-12-31

| | | | |
|-------------------|---|-----------|--------------------|
| Rentas de trabajo | Ingresos brutos por rentas de trabajo (art 103 E.T.) | 31 | 514,364,000 |
| | Ingresos no constitutivos de renta | 32 | 24,845,000 |
| | Costos y deducciones procedentes (trabajadores independientes) | 33 | 0 |
| | Renta líquida | 34 | 489,519,000 |
| | Rentas exentas y deducciones imputables a las rentas de trabajo | 35 | 137,183,000 |
| | Rentas exentas y deducciones imputables (limitadas) | 36 | 137,183,000 |
| | Renta líquida de trabajo | 37 | 352,336,000 |

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

References I

Cárdenas Santamaría, Mauricio, Roberto Junguito, Camilo García, and María Fernanda Rosales. 2013. *Introducción a La Economía Colombiana*. Bogotá, Colombia: Alfaomega.

DANE. 2019. “Cuestionario I Trimestre Etapas 2001-2002-2003 - GEIH - Enero - Marzo - 2020.” http://microdatos.dane.gov.co/index.php/catalog/659/related_materials.

———. 2020. “Clasificación Industrial Internacional Uniforme de Todas Las Actividades Económicas Revisión 4 Adaptada Para Colombia.” https://www.dane.gov.co/files/sen/nomenclatura/ciiu/CIIU_Rev_4_AC2020.pdf.

DNP, and DANE. 2012. “Pobreza Monetaria En Colombia: Nueva Metodología y Cifras 2002-2010 Resultados 2ª Fase de La MESEP.” http://microdatos.dane.gov.co/index.php/catalog/708/related_materials.

References II

United Nations. 2017. *Principles and Recommendations for Population and Housing Censuses, Revision 3*. Statistical Papers (Ser. M). UN.
<https://doi.org/10.18356/bb3ea73e-en>.