**Codebook for the Regional Study of Venezuelan Migration**

**Ecuador**

Data on Ecuador comes from the fourth round of the High-Frequency Phone Survey (HFPS) conducted in 2022 and the 2019 Human Mobility and Host Communities Survey (EPEC, Spanish acronym). The HFPS is a joint effort between the World Bank and the United Nations Development Programme (UNDP) to study how the COVID-19 pandemic has affected households in Latin America. Specifically, it focuses on collecting information about Venezuelan households to evaluate whether the pandemic had varying effects on migrants. The phone survey encompasses Venezuelans and Ecuadorians aged 18 years or older, possessing an active cellphone number or a landline at home, with one respondent per household interviewed.

It's worth noting that, as most phone companies require a national ID, the sample may underrepresent irregular migrants, although more than 54 percent of respondents report an irregular status. The unweighted sample comprises 503 Ecuadorians and 356 Venezuelans residing in Ecuador. This sample is indicative of an expanded coverage, reflecting the experiences of 4,093,422 Ecuadorians and 293,577 Venezuelans.

The 2019 EPEC, a collaborative initiative involving the World Bank and six other organizations[[1]](#footnote-1), is a comprehensive face-to-face survey designed to assess the impact of Venezuelan migrants and refugees in Ecuador. This nationally representative survey focuses on individuals who entered the country from 2016 onwards and registered at a checkpoint upon entry. The unweighted sample includes 3,018 Ecuadorians and 1,261 Venezuelans, resulting in an expanded coverage that encompasses the experiences of 10,870,890 and 244,512 individuals, respectively.

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| **Label** | **Variable List** |
| **Identifiers:** |  |
| Ponderation weight | weight |
| Year | year |
| Survey | survey |
| Sample | samp |
| Wave | wave |
| Province code | code\_province |
| **Demographics:** |  |
| Sex | sex |
| Female | female |
| Male | male |
| Age | age |
| Household size | hh\_size |
| Marital status | marital\_status |
| Years of education | edu\_years |
| Education level | edu\_level |
| **Employment:** |  |
| Employed | employed |
| Unemployed | unemployed |
| Inactive | inactive |
| Occupation | occupation |
| Health insurance covered by employer? | health\_insurance |
| **Migration:** |  |
| Did you register upon arrival? | entry\_register |
| Have you homologated your title? | homologate |
| Why haven't you homologated your title? | reason\_nohomologate |
| With whom have you traveled from Venezuela? | company |
| Migration reason | reason\_migra |
| Residency plans | plan\_residency |
| Have you experienced discrimination or unjust treatment? | discriminated |
| (Integration in) Religious groups | integration\_3\_1 |
| (Integration in) Neighborhood meetings | integration\_3\_2 |
| (Integration in) Parents associations | integration\_3\_3 |
| (Integration in) Home country groups | integration\_3\_4 |
| (Integration in) Refugees groups | integration\_3\_5 |
| (Integration in) Youth groups | integration\_3\_6 |
| (Integration in) Sports groups | integration\_3\_7 |
| (Integration in) Other | integration\_3\_8 |

**Survey Identifiers**

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| **Variable Name:** | **weight** |
| **Variable Label:** | Ponderation weight |
| **Description:** | The variable indicates the ponderation weight of each observation. It is used as a frequency weight |
| **Source:** | *Migrants:* EPEC, variable peso2; HFPS, variable pondera  *Hosts:* EPEC, variable peso2; HFPS, variable pondera |

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| **Variable Name:** | **year** |
| **Variable Label:** | Year |
| **Description:** | The variable indicates the year in which the survey was conducted |

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| **Variable Name:** | **survey** |
| **Variable Label:** | Survey |
| **Description:** | The variable indicates the survey from where the data comes from |
| **Format** | 1 = HFPS  2 = EPEC |

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| **Variable Name:** | **samp** |
| **Variable Label:** | Sample |
| **Description:** | The variable indicates whether the observation refers to a Venezuelan migrant or a Ecuadoran host. |
| **Format** | 1 = Migrants  2 = Hosts |

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| **Variable Name:** | **wave** |
| **Variable Label:** | Wave |
| **Description:** | The variable indicates the wave of the survey from where the data comes from |
| **Format** | wave = 1, or 2 |

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| **Variable Name:** | **code\_province** |
| **Variable Label:** | Province code |
| **Description:** | The variable indicates the province of the respondent. |
| **Format** | 1 = Azuay  2 = Bolivar  3 = Cañar  4 = Carchi  5 = Cotopaxi  6 = Chimborazo  7 = El Oro  8 = Esmeraldas  9 = Guayas  10 = Imbabura  11 = Loja  12 = Los Rios  13 = Manabi  14 = Morona Santiago  15 = Napo  16 = Pastaza  17 = Pichincha  18 = Tungurahua  19 = Zamora Chinchipe  20 = Galápagos  21 = Sucumbíos  22 = Orellana  23 = Santo Domingo  24 = Santa Elena |

**Demographics**

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| **Variable Name:** | **sex** |
| **Variable Label:** | Sex |
| **Description:** | The variable indicates whether the observation refers to a male or a female respondent |
| **Format** | 1 = Male  2 = Female |
| **Source:** | *Migrants:* HFPS, variable v03\_04  *Hosts:* HFPS, variable v03\_04 |

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| **Variable Name:** | **female** |
| **Variable Label:** | Female |
| **Description:** | The variable indicates whether the observation refers to a female respondent |
| **Format** | 0 = Male  1 = Female |
| **Source:** | *Migrants:* HFPS, variable v03\_04  *Hosts:* HFPS, variable v03\_04 |

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| **Variable Name:** | **male** |
| **Variable Label:** | Male |
| **Description:** | The variable indicates whether the observation refers to a male respondent |
| **Format** | 0 = Female  1 = Male |
| **Source:** | *Migrants:* HFPS, variable v03\_04  *Hosts:* HFPS, variable v03\_04 |

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| **Variable Name:** | **age** |
| **Variable Label:** | Age |
| **Description:** | The variable indicates the age of the respondent in years. Limited to individuals between 18 and 100 years of age |
| **Format** | Years |
| **Source:** | *Migrants:* HFPS, variable v03\_03  *Hosts:* HFPS, variable v03\_03 |

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| **Variable Name:** | **hh\_size** |
| **Variable Label:** | Household size |
| **Description:** | The variable indicates the number of household members |
| **Source:** | *Migrants:* HFPS, variable numper  *Hosts:* HFPS, variable numper |

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| **Variable Name:** | **marital\_status** |
| **Variable Label:** | Marital status |
| **Description:** | The variable indicates the marital status of the respondent |
| **Format** | 1 = Single  2 = Married/Cohabitation  3 = Other |
| **Source/Algorithm:** | *Migrants:* HFPS, variable v03\_02  marital\_status= 1 if v03\_02 = 1  marital\_status= 2 if v03\_02 = 2 or 3  marital\_status= 3 if v03\_02 = 4 or 5  *Hosts:* HFPS, variable v03\_02  marital\_status= 1 if v03\_02 = 1  marital\_status= 2 if v03\_02 = 2 or 3  marital\_status= 3 if v03\_02 = 4 or 5 |

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| **Variable Name:** | **edu\_years** |
| **Variable Label:** | Years of education |
| **Description:** | The variable indicates the number of years of education completed at the time of the survey |
| **Format** | Years |
| **Source/Algorithm:** | *Migrants:* HFPS, variable aedu  *Hosts:* HFPS, variable aedu |

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| **Variable Name:** | **edu\_level** |
| **Variable Label:** | Education level |
| **Description:** | The variable indicates the highest level of education completed by the respondent |
| **Format** | 0 = None  1 = Primary  2 = Secondary  3 = Tertiary |
| **Source/Algorithm:** | *Migrants:* HFPS, variable nivel\_rs  edu\_level=0 if nivel\_rs = 0  edu\_level=1 if nivel\_rs =1  edu\_level=2 if nivel\_rs =2  edu\_level=3 if nivel\_rs = 3, 4, or 5  *Hosts:* HFPS, variable nivel\_rs  edu\_level=0 if nivel\_rs = 0  edu\_level=1 if nivel\_rs =1  edu\_level=2 if nivel\_rs =2  edu\_level=3 if nivel\_rs = 3, 4, or 5 |

**Employment**

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| **Variable Name:** | **employed** |
| **Variable Label:** | Employed |
| **Description:** | The variable indicates whether the respondent has been employed in the last week for individuals between 18 and 65 years of age |
| **Format** | 0 = No  1 = Yes |
| **Source/Algorithm:** | *Migrants:* HFPS, variable v05\_02  *Hosts:* HFPS, variable v05\_02 |

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| **Variable Name:** | **unemployed** |
| **Variable Label:** | Unemployed |
| **Description:** | The variable indicates whether the respondent was unemployed the last week for individuals between 18 and 65 years of age |
| **Format** | 0 = No  1 = Yes |
| **Source/Algorithm:** | *Migrants:* HFPS, variable v05\_15  *Hosts:* HFPS, variable v05\_15 |

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| **Variable Name:** | **inactive** |
| **Variable Label:** | Inactive |
| **Description:** | The variable indicates whether the respondent was not working nor looking for a job in the last week for individuals between 18 and 65 years of age |
| **Format** | 0 = No  1 = Yes |
| **Source/Algorithm:** | *Migrants:* HFPS  inactive = 1 if unemployed = 0 and employed = 0  *Hosts:* HFPS  inactive = 1 if unemployed = 0 and employed = 0 |

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| **Variable Name:** | **occupation** |
| **Variable Label:** | Occupation |
| **Description:** | The variable indicates the occupation the respondent is employed in. Classification is based on the major groups of the International Standard Classification of Occupations (ISCO-08) |
| **Format** | 1 = Managers  2 = Professionals  3 = Technicians and Associate Professionals  4 = Clerical Support Workers  5 = Service and Sales Workers  6 = Skilled Agricultural, Forestry and Fishery Workers  7 = Craft and Related Trades Workers  8 = Plant and Machine Operators, and Assemblers  9 = Elementary Occupations |
| **Source/Algorithm:** | *Migrants:* EPEC, variable cod\_04\_16  Subtract the first digit of the variable to create the occupation code  *Hosts:* EPEC, variable occup  Subtract the first digit of the variable to create the occupation code |

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| **Variable Name:** | **health\_insurance** |
| **Variable Label:** | Health insurance covered by employer? |
| **Description:** | The variable indicates whether the respondent’s employer covers their health insurance |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p04\_20\_f  *Hosts:* EPEC, variable p04\_20\_f |

**Migration**

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| **Variable Name:** | **entry\_register** |
| **Variable Label:** | Did you register upon arrival? |
| **Description:** | The variable indicates whether the respondent has registered themselves once arrived in Ecuador |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p02\_40 |

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| **Variable Name:** | **homologate** |
| **Variable Label:** | Have you homologated your title? |
| **Description:** | The variable indicates whether the respondent has homologated their title in Ecuador |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p03\_12 |

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| **Variable Name:** | **reason\_nohomologate** |
| **Variable Label:** | Why haven't you homologated your title? |
| **Description:** | The variable indicates the reasons why the respondent has not homologated it titles in Ecuador |
| **Format** | 1 = Don’t know the process  2 = Lack of necessary documents  3 = Money  4 = No interest or need  5 = Other |
| **Source:** | *Migrants:* EPEC, variable p03\_13  reason\_nohomologate = 1 if p03\_13= 1  reason\_nohomologate = 2 if p03\_13= 2, or 4  reason\_nohomologate = 3 if p03\_13= 3  reason\_nohomologate = 4 if p03\_13= 6  reason\_nohomologate = 5 if p03\_13= 5, or 7 |

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| **Variable Name:** | **company** |
| **Variable Label:** | With whom have you traveled from Venezuela? |
| **Description:** | The variable indicates the people the respondent was accompanied by during their migration journey |
| **Format** | 1 = Relatives  2 = Not relatives  3 = Mixed  4 = Alone |
| **Source:** | *Migrants:* EPEC, variable p02\_28 |

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| **Variable Name:** | **reason\_migra** |
| **Variable Label:** | Migration reason |
| **Description:** | The variable indicates the main reason to leave Venezuela |
| **Format** | 1 = Economic reasons  2 = Family reasons  3 = Violence/Security  4 = Lack of services  5 = Other |
| **Source/Algorithm:** | *Migrants:* EPEC, variable p02\_21  reason\_migra = 1 if p02\_21 = 1, 4, or 5  reason\_migra = 2 if p02\_21 = 2  reason\_migra = 3 if p02\_21 = 8, 9, 10, 11, or 12  reason\_migra = 4 if p02\_21 = 3, or 7  reason\_migra = 5 if p02\_21 = 6, 14, or 15 |

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| **Variable Name:** | **plan\_residency** |
| **Variable Label:** | Residency plans |
| **Description:** | The variable indicates whether the respondent plans to stay in Ecuador |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p02\_40 |

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| **Variable Name:** | **discriminated** |
| **Variable Label:** | Have you experienced discrimination or unjust treatment? |
| **Description:** | The variable indicates whether the respondent has felt discriminated in Ecuador |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_01 |

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| **Variable Name:** | **integration\_3\_1** |
| **Variable Label:** | (Integration in) Religious groups |
| **Description:** | The variable indicates whether the respondent has participated in religious groups as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_a |

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| **Variable Name:** | **integration\_3\_2** |
| **Variable Label:** | (Integration in) Neighborhood meetings |
| **Description:** | The variable indicates whether the respondent has participated in neighborhood meetings as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_b |

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| **Variable Name:** | **integration\_3\_3** |
| **Variable Label:** | (Integration in) Parents associations |
| **Description:** | The variable indicates whether the respondent has participated in parents associations as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_c |

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| **Variable Name:** | **integration\_3\_4** |
| **Variable Label:** | (Integration in) Home country groups |
| **Description:** | The variable indicates whether the respondent has participated in home country groups as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_d |

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| **Variable Name:** | **integration\_3\_5** |
| **Variable Label:** | (Integration in) Education or cultural groups |
| **Description:** | The variable indicates whether the respondent has participated in education or cultural groups as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_e |

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| **Variable Name:** | **integration\_3\_6** |
| **Variable Label:** | (Integration in) Youth groups |
| **Description:** | The variable indicates whether the respondent has participated in youth groups as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_f |

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| **Variable Name:** | **integration\_3\_7** |
| **Variable Label:** | (Integration in) Sports groups |
| **Description:** | The variable indicates whether the respondent has participated in sports groups as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_g |

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| **Variable Name:** | **integration\_3\_8** |
| **Variable Label:** | (Integration in) Other |
| **Description:** | The variable indicates whether the respondent has participated in other activities as part of integration efforts in Ecuador (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* EPEC, variable p07\_08\_h |

1. UNICEF, UNHCR, IOM, UNDP, WFP, and UNFPA. [↑](#footnote-ref-1)