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

**Peru**

The analysis of Venezuelan migrants in Peru relies on data gathered through the Survey Targeted at the Venezuelan Population residing in Peru (ENPOVE, acronym in Spanish). Conducted by the National Institute of Statistics and Information (INEI, acronym in Spanish) in collaboration with the World Bank, the ENPOVE comprises two waves. The initial wave took place in 2018 (November-December), followed by the second wave in 2022 (February-March), conducted with support from the Joint Data Center (JDC) and the World Bank. Both surveys were conducted in person and offer comprehensive insights into dwelling characteristics, as well as individual details related to migration status, health, education, employment, discrimination, gender, and victimization.

Furthermore, ENPOVE II (2022) addresses the impact of the COVID-19 crisis and other significant developments over the last four years, including the rise in irregular migrants and ongoing changes in the regularization process. This sample consists of data from the 2022 wave, which includes 7,751 individuals, representative of 734,934 migrants.

Host communities’ data in Peru is derived from the 2021 National Household Survey on Living Conditions and Poverty (ENAHO, Spanish acronym), a comprehensive initiative also implemented by INEI. ENAHO provides detailed information on dwelling characteristics and household members, serving as a crucial tool for monitoring the dynamic changes in poverty, welfare, and living conditions indicators across Peru. The ENAHO is representative at the national, urban, rural, and regional levels, as well as across natural region areas (coast, Sierra, and rainforest).

Conducted amidst the challenges posed by the COVID-19 pandemic, the surveys in 2020 and 2021 embraced a hybrid approach, incorporating both in-person and phone methodologies. Focusing solely on urban areas for hosting communities aligns with the predominant residence of Venezuelans in Peru, notably concentrated in Lima, which alone accommodates 75 percent of the Venezuelan population. Consequently, the resulting sample is confined to 53,711 individuals, providing insights into the experiences of 19,165,890 Peruvians.

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| **Label** | **Variable List** |
| **Identifiers:** |  |
| Ponderation weight | weight |
| Year | year |
| Survey | survey |
| Sample | samp |
| Region code | depcode |
| **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 |
| Monthly income (US$ PPP17 - censored 2000) | cen\_minc |
| Health insurance covered by employer? | health\_insurance |
| **Migration:** |  |
| Did you register upon arrival? | entry\_register |
| Have you sent remittances abroad? | remittances |
| Residency plans | plan\_residency |
| Have you experienced discrimination or unjust treatment? | discriminated |
| (Integration in) Religious groups | integration\_4\_1 |
| (Integration in) Neighborhood meetings | integration\_4\_2 |
| (Integration in) Home country groups | integration\_4\_3 |
| (Integration in) Youth groups | integration\_4\_4 |
| (Integration in) Other groups | integration\_4\_5 |
| (Integration in) None | integration\_4\_6 |

**Survey Identifiers**

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| **Variable Name:** | **weight** |
| **Variable Label:** | Ponderation weight |
| **Description:** | The variable indicates the ponderation weight of each observation to be used as a frequency weight |
| **Source:** | *Migrants:* ENPOVE, Q204, variable factorfinal  *Hosts:* ENAHO, Q207, variable facpob07 |

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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 = ENPOVE  2 = ENAHO |

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

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| **Variable Name:** | **depcode** |
| **Variable Label:** | Region code |
| **Description:** | The variable indicates the region of the respondent |
| **Format** | 1 = AMAZONAS  2 = ANCASH  3 = APURIMAC  4 = AREQUIPA  5 = AYACUCHO  6 = CAJAMARCA  7 = CALLAO  8 = CUSCO  9 = HUANCAVELICA  10 = HUANUCO  11 = ICA  12 = JUNIN  13 = LA LIBERTAD  14 = LAMBAYEQUE  15 = LIMA  16 = LORETO  17 = MADRE DE DIOS  18 = MOQUEGUA  19 = PASCO  20 = PIURA  21 = PUNO  22 = SAN MARTIN  23 = TACNA  24 = TUMBES  25 = UCAYALI |

**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:* ENPOVE, Q204, variable P204  *Hosts:* ENAHO, Q207, variable P207 |

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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:* ENPOVE, Q204, variable P204  *Hosts:* ENAHO, Q207, variable P207 |

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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:* ENPOVE, Q204, variable P204  *Hosts:* ENAHO, Q207, variable P207 |

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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:* ENPOVE, Q205, variable P205\_A  *Hosts:* ENAHO, Q208, varriable p208\_a |

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| **Variable Name:** | **hh\_size** |
| **Variable Label:** | Household size |
| **Description:** | The variable indicates the number of household members |
| **Source:** | *Migrants:* Generated with the number of individuals per household  *Hosts:* ENAHO, variable mieperho |

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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:* ENPOVE, Q206, variable P206  marital\_satus = 1 if P206 = 6  marital\_satus = 2 if P206 = 1, or 2  marital\_satus = 3 if P206 = 3, 4, or 5  *Hosts:* ENAHO, Q209, variable p209  marital\_satus = 1 if p209= 6  marital\_satus = 2 if p209= 1, or 2  marital\_satus = 3 if p209= 3, 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:*ENPOVE, Q501, Q501B, variables P501, P501B  edu\_years = 0 if P501, or P501B = 1  edu\_years = 1 if P501, or P501B = 2  edu\_years = 4 if P501, or P501B = 3  edu\_years = 7 if P501, or P501B = 4  edu\_years = 9.5 if P501, or P501B = 5  edu\_years = 12 if P501, or P501B = 6  edu\_years = 13.5 if P501 = 7 or P501B = 8  edu\_years = 15 if P501 = 8 or P501B = 9  edu\_years = 14.5 if P501 = 9 or P501B = 10  edu\_years = 17 if P501 = 10 or P501B = 11  edu\_years = 22 if P501 = 11 or P501B = 12  *Hosts:*ENAHO, Q301, variable p301\_a  edu\_years = 0 if p301 = 1  edu\_years = 1 if p301 = 2  edu\_years = 4 if p301 = 3  edu\_years = 7 if p301 = 4  edu\_years = 9.5 if p301 = 5  edu\_years = 12 if p301 = 6  edu\_years = 13.5 if p301 = 7  edu\_years = 15 if p301 = 8  edu\_years = 14.5 if p301 9  edu\_years = 17 if p301 = 10  edu\_years = 22 if p301 = 11 |

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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:* ENPOVE, Q501, Q501B, variables P501, P501B  edu\_level = 0 if (P501= 1 and P501A = 1) or (P501B = 1 and P501A = 2)  edu\_level = 1 if (P501= 2, 3, 4, or 5 and P501A = 1) or (P501B = 2, 3, 4, or 5 and P501A = 2)  edu\_level = 2 if (P501= 6, 7, or 9 and P501A = 1) or (P501B = 6, 8, or 10 and P501A = 2)  edu\_level = 3 if (P501= 8, 10, or 11 and P501A = 1) or (P501B = 9, 11, or 12 and P501A = 2)  *Hosts:* ENAHO, Q301, variables p301a  edu\_level = 0 if (p301a = 1)  edu\_level = 1 if (p301a = 2, 3, 4)  edu\_level = 2 if (p301a = 6, 7, or 9)  edu\_level = 3 if (p301a = 8, 10, or 11) |

**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:* ENPOVE, Q601, Q602, Q603, Q604, Q605, variables P602, P603, P604, P605\_1, P605\_2, P605\_3, P605\_4, P605\_5, P605\_6, P605\_7, P605\_8, P605\_9, P605\_10, P605\_11, P605\_12  employed = 1 if P602, P603, P604, P605\_1, P605\_2, P605\_3, P605\_4, P605\_5, P605\_6, P605\_7, P605\_8, P605\_9, P605\_10, P605\_11, or P605\_12 = 1 and 18 ≤ age ≤ 65  *Hosts:* ENAHO, variable ocu500  employed = 1 if ocu500 = 1 |

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| **Variable Name:** | **unemployed** |
| **Variable Label:** | Unemployed |
| **Description:** | The variable indicates whether the respondent was unemployed but looking in the last 4 weeks for individuals between 18 and 65 years of age |
| **Format** | 0 = No  1 = Yes |
| **Source/Algorithm:** | *Migrants:* ENPOVE, Q626, variable P626  unemployed = 1 if P626 =1 and employed = 0  *Hosts:* ENAHO, variable ocu500  unemployed = 1 if ocu500 = 2 or 3 |

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| **Variable Name:** | **inactive** |
| **Variable Label:** | Inactive |
| **Description:** | The variable indicates whether the respondent was not working last week nor looking for a job in the last 4 weeks for individuals between 18 and 65 years of age |
| **Format** | 0 = No  1 = Yes |
| **Source/Algorithm:** | *Migrants:* ENPOVE  inactive = 1 if unemployed = 0 and employed = 0  *Hosts:* ENAHO, variable ocu500  inactive = 1 if ocu500 = 4 |

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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:* ENPOVE, Q609, variable P609\_COD  Subtract the first digit of the string to create the occupation code  *Hosts:* ENAHO, Q505, variable p505r4  Subtract the first digit of the string to create the occupation code |

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| **Variable Name:** | **cen\_minc** |
| **Variable Label:** | Monthly income (US$ PPP17 - censored 2000) |
| **Description:** | The variable represents the monthly earned income of individuals between 18 and 65 years of age |
| **Format** | The value of this variable ranges from 26.4 to 2,000.  This variable is in dollars at the PPP2017. |
| **Source:** | *Migrants:* ENPOVE, Q621, Q622, variables P621 and P622\_1  cen\_minc = P622\_1\*30 if P621 = 1  cen\_minc = P622\_1\*4.33 if P621 = 2  cen\_minc = P622\_1\*2 if P621 = 3  cen\_minc = P622\_1 if P621 = 4  Exclude 0, divide by PPP factor 2017 = 1.893, and censor at 2000 |

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| **Variable Name:** | **health\_insurance** |
| **Variable Label:** | Do you have health insurance? |
| **Description:** | The variable indicates whether the respondent’s employer covers their health insurance |
| **Format** | 0 = No  1 = Yes |
| **Source:** | *Migrants:* ENPOVE, Q401, variable P401\_5  health\_insurance = 1 if P401=0  *Hosts:* ENAHO, Q419, variables p4191, p4192, p4193, p4194, p4195, p4196, p4197, p4198  health\_insurance = 1 if p4191, p4192, p4193, p4194, p4195, p4196, p4197, or p4198 = 1 |

**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 Peru |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q305, variable P305 |

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| **Variable Name:** | **remittances** |
| **Variable Label:** | Have you sent remittances abroad? |
| **Description:** | The variable indicates whether the respondent has sent remittances abroad |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q639, variable P639\_1 |

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| **Variable Name:** | **plan\_residency** |
| **Variable Label:** | Residency plans |
| **Description:** | The variable indicates whether the respondent plans to stay in Peru |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q311, variable P311 |

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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 Peru |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q701, variable P701 |

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| **Variable Name:** | **integration\_4\_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 Peru (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variable P707\_1 |

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| **Variable Name:** | **integration\_4\_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 Peru (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variables P707\_2, P707\_3  integration\_4\_2 = 1 if P707\_2, or P707\_3 = 1 |

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| **Variable Name:** | **integration\_4\_3** |
| **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 Peru (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variables P707\_4, P707\_5  integration\_4\_3 = 1 if P707\_4, or P707\_5 = 1 |

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| **Variable Name:** | **integration\_4\_4** |
| **Variable Label:** | (Integration in) Youth groups |
| **Description:** | The variable indicates whether the respondent has participated in youth groups as part of integration efforts in Peru (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variables P707\_6, P707\_7  integration\_4\_4 = 1 if P707\_6, or P707\_7 = 1 |

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| **Variable Name:** | **integration\_4\_5** |
| **Variable Label:** | (Integration in) Other groups |
| **Description:** | The variable indicates whether the respondent has participated in other groups as part of integration efforts in Peru (participation in this activity is not mutually exclusive with other activities) |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variable P707\_8 |

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| **Variable Name:** | **integration\_4\_6** |
| **Variable Label:** | (Integration in) Sports clubs or groups |
| **Description:** | The variable indicates whether the respondent has not participated in any activity as part of integration efforts in Peru |
| **Format** | 0 = No  1 = Yes |
| **Source:** | ENPOVE, Q707, variable P707\_9 |