

Building the Adolescent and Young (AY) People Migration Dashboard

The Adolescent Atlas for Action (A3) is a suite of tools that summarizes the lives and needs of adolescents around the world to promote evidence-based decision-making. Through accessible and easy-to-grasp data that is just one click away, the A3 bridges the gap between decisionmakers and evidence to inform policies, programs, and investments.

The Adolescent and Young (AY) People Migration Dashboard is a simple but dynamic dashboard that helps users understand the percentage of migrants by country, explore profiles of migrants, and gain insights into the diverse factors, challenges, and opportunities that shape the phenomenon of migration across 30 countries.

Data and Analyses

We use data from the Integrated Public Use Microdata Series (IPUMS), which is the world's largest individual-level population database and contains census microdata from around the world. Census microdata are composed of individual records containing information collected on persons and households. The unit of observation is the individual.

This dashboard is dedicated to understanding adolescent and young migrants, aged 15 to 24 years. We look at three types of migrants:

- International: individuals who have migrated across international borders
- Inter-state: individuals who have migrated within their country of origin but across different regions or provinces
- Intra-state: individuals who have migrated within the same state or region

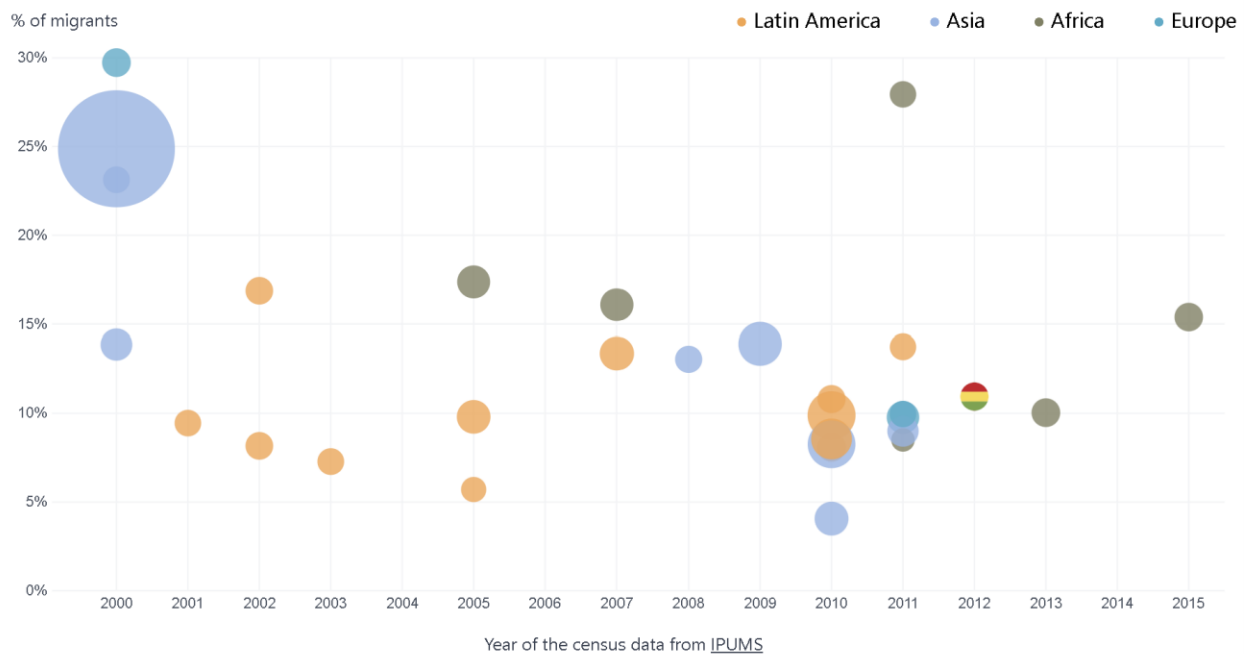
Our dashboard looks at data from 30 countries, which were selected due to data availability and quality.

Country and year of data collected

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|-----------------------------|----------------------|------------------------|
| 1. Bolivia, 2012 | 11. Haiti, 2003 | 22. Nicaragua, 2005 |
| 2. Botswana, 2011 | 12. Honduras, 2001 | 23. Paraguay, 2002 |
| 3. Brazil, 2010 | 13. Indonesia, 2010 | 24. Peru, 2007 |
| 4. Cameroon, 2005 | 14. Israel, 2008 | 25. Philippines |
| 5. China, 2000 | 15. Italy, 2011 | 26. Portugal, 2011 |
| 6. Colombia, 2005 | 16. Malaysia, 2000 | 27. Senegal, 2013 |
| 7. Costa Rica, 2011 | 17. Mauritius, 2011 | 28. Sierra Leone, 2015 |
| 8. Dominican Republic, 2010 | 18. Mexico, 2010 | 29. Vietnam, 2009 |
| 9. Ecuador, 2010 | 19. Mongolia, 2000 | 30. Switzerland, 2000 |
| 10. Guatemala, 2002 | 20. Mozambique, 2007 | |
| | 21. Nepal, 2011 | |

We conducted descriptive data analyses to help users explore the following:

- Size and share of AY migrants within each of the 30 countries: The visualization showcases the share of young migrants within the entire population for each of the 30 countries, which helps users understand which countries have the largest and smallest share of young migrants. The visualization also highlights the share of migrants out of the total AY population in each of the 30 countries, which allows users to understand which countries have the largest and smallest share of migrants.



- When a country is selected, country-specific information is displayed that includes the following:
 - o Total number of AY migrants.
 - o Percentage of AY migrants (number of adolescent and young people who are migrants out of the total number of adolescent and young people in that country).
 - o Origin of AY migrants by type (international, inter-state, and intra-state) and country
 - o Demographic information of AY migrants including gender, age (15-19 and 20-24), marital status, and location (urban or rural).
 - o Information on assets including access to electricity, piped water, and phone.
 - o Employment status including whether they are inactive, employed, or unemployed.

Brief prepared by Sarah Islam

