

## **Population Ageing and Regional Economic Dynamics in Colombia: An Interregional Input-Output Analysis**

Topic: Input-Output Analysis: Regional policies (5)

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This research addresses how demographic ageing is transforming household consumption in Colombia and quantifies its subsequent economic impacts at the subnational level, specifically asking how shifting consumption patterns among older adults influence sectoral production, employment, and value-added in a territorially uneven economy. To answer this, the study employs a quantitative methodological approach centered on an Interregional Input-Output (IRIO) model developed for Colombia, which simulates current and projected demographic scenarios to capture inter-sectoral and inter-regional linkages. The analysis is grounded in high-resolution microdata from official national sources, including the Household Budget Survey (ENPH), the Quality of Life Survey (ECV), and the Integrated Household Survey (GEIH), allowing for a detailed characterization of consumption disaggregated by income level, age group, and region. The novelty of this research lies in its innovative integration of granular, household-level microeconomic data with structural macro-modeling within a subnational multi-regional framework. Unlike national-level studies, this approach generates a unique typology of regions based on ageing intensity and economic vulnerability, providing empirical evidence that is essential for designing regionally differentiated social protection policies and identifying strategic opportunities within the emerging "Silver Economy" in Latin America.