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OVERVIEW

Traditional measures of poverty are informative in indicating the degree of economic deprivation in a population at a cross-sectional point in time, but they disregard any growth in the size of the non-poor population. We develop a measure of non-poor population growth and argue that it constitutes a useful indicator of an important demographic dynamic. Decomposition techniques further reveal the extent to which sub-populations, such as low-skilled immigrants, account for non -poor growth. We illustrate our approach with an analysis of the U.S. states from 1990 to 2010, using data from the U.S. Census and the American Community Survey.

CONCEPTUAL FRAMEWORK

Changes in the poverty rate — whether measured in absolute or relative terms can occur in different contexts of population dynamics, resulting in different outcomes with regard to **absolute human welfare**:

		Poverty Rate	
		+	-
Population Size	+	Mixed Negative	Absolute Positive
	-	Absolute Negative	Mixed Positive

The cells on the secondary diagonal indicate cases of absolute decline or improvement in overall human welfare, measured by the number of persons in nonpoverty. Conversely, The shaded cells indicate cases with mixed outcomes. For example, while the poverty rate may be stable or even increasing over time, the absolute number of non-poor persons may also be increasing in a society.

This distinction is of particular interest in the context of internal and international migration, where low-skilled immigrants, who are potentially at risk of poverty in their countries of origin, have a share in non-poor population growth (which in turn contributes to alleviating global poverty).

METHODOLOGY

The rate of non-poor population growth (NPPG) refers to the change in the Definitions: number of persons who are non-poor in a society at a later point in time (time 2) • % growth of total baseline population (1990 and 2000 respectively) relative to an earlier point in time (time 1), standardized by the population size 🛛 • Non-Poor defined here as above the Federal Poverty Threshold at time 1. That is, the NPPG refers to the extent to which a population is increasing the number of persons who are non-poor (e.g., above the Federal Poverty • Low-skilled defined as having high-school degree or less Threshold) over time relative to its baseline size.

NPPG = <u>Non-poor population at time 2 - Non-poor population at time 1</u> Total population at time 1

Since NPPG is linear by construction, it can easily be decomposed to reflect the relative share of native/foreign-born and low/high-skilled persons in non-poor growth.

 $NPPG = NPPG^{NB} + NPPG^{FB-LS} + NPPG^{FB-HS}$

(NB = native born; FB-LS = low-skilled foreign born; FB-HS = high-skilled foreign born)

Non-Poor Population Growth as a Population Characteristic: U.S. 1990-2010





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