

Food Poverty Case Studies

COUNTRY	CENSUS YEAR	AUTHORS	INDICATORS	ADMINISTRATIVE LEVEL
Bangladesh	2001	Suan-Pheng Kam Mahabub Hossain Manik Lal Bose Lorena Villano <i>International Rice Research Institute (IRRI)</i>	<ul style="list-style-type: none"> GINI Coefficient Inequality Measure Electrification Prevalence Secondary school enrolment Headcount Index Squared Poverty Gap Index Literacy 	Third Level: 6 Divisions 64 Districts 464 Thanas
Ecuador	2001/1990	Andrew Farrow Carlos Larrea Glenn Hyman German Lema <i>International Center of Tropical Agriculture (CIAT)</i>	<ul style="list-style-type: none"> Headcount Index Poverty Gap Index Food Poverty Headcount Index Food Poverty Gap Index Squared Poverty Gap Index Food Squared Poverty Gap Index Average Consumption or Expenditure Standard Error Poverty Line Standard Error Food Poverty Line Standard Error Poverty Gap Index Food Standard Error Poverty Gap Index Standard Error Squared Poverty Gap Index Food Standard Error Squared Poverty Gap Index Standard Error in the Average Consumption or Expenditure 	Third Level: 24 Provincias 213 Cantones 886 Parroquias
Kenya	1999	Patricia Kristjanson Maren Radeny Isabelle Baltenweck Joseph Ogutu An Notenbaert <i>International</i>	<ul style="list-style-type: none"> Headcount Index Livestock Density Number of Groups per Km² Number of Households Number of Persons Total Number of Persons Living in Particular Homes 	Second Level: 8 Provinces 69 Districts

		<i>Livestock Research Institute (ILRI)</i>	<ul style="list-style-type: none"> • Density of Poor People • Number of Poor People • Accessibility Index 	
Malawi	1998	Todd Benson Jordan Chamberlin Ingrid Rhinehart <i>International Food Policy Research Institute (IFPRI)</i>	<ul style="list-style-type: none"> • Dependency Ratio • Headcount Index • Poverty Gap Index • Squared Poverty Gap Index • GINI Coefficient Inequality Measure • Literacy • Average Consumption or Expenditure • Number of Households • Number of Persons • Population Density • Standard Error Poverty Line • Standard Error Poverty Gap Index • Standard Error Squared Poverty Gap Index • Standard Error on GINI Index of Consumption Inequality Estimate • Standard Error in the Average Consumption or Expenditure 	Second Level: 26 Districts 221 Sub-Districts
Mexico	2000	Mauricio Bellon David Hodson David Bergvinson David Beck Eduardo Martinez Yinha Montoya <i>International Maize and Wheat Improvement Center (CIMMYT)</i>	<ul style="list-style-type: none"> • Electrification Prevalence • 2000 Rural Headcount • 2002 Rural Headcount • Monthly Food Expenditure • Elementary Education Completed • Secondary Education Completed • Illiterate Population Aged 15 Years and Above • Elementary Education Acquired • Secondary Education Acquired • 2000 Monthly Expenditure • 2002 Monthly Expenditure 	Second Level: 32 States 2443 Municipalities

			<ul style="list-style-type: none"> • Telephone Access • Indoor Plumbing Prevalence • Population Density • Percent of Rural Population • Potable Water Prevalence 	
Nigeria	1991	Christopher Legg Patrick Kormawa Bussie Maziya Richardson Okechukwu Sam Ofodile Tunrayo Alabi <i>International Institute of Tropical Agriculture (IITA)</i>	<ul style="list-style-type: none"> • Household Daily Income in Niara • Iodine Deficiency Prevalence • Vitamin A Deficiency Prevalence 	Third Level: 40 States 762 Local Government Areas 1148 Villages
Sri Lanka	2002	Upali Amarasinghe Madar Samad Markandu Anputha <i>International Water Management Institute (IWMI)</i>	<ul style="list-style-type: none"> • Average of Agriculture Holding with Extent Less than 1 Acre • Average of Agriculture Holding with Extent Above 2 Acres • Average of Agriculture Holding with Extent Between 1 and 2 Acres • Agriculture Holdings Above 40 Perches • Agriculture Holdings Below 40 Perches • Paddy Area Under Major Irrigation • Paddy Area Under Minor Irrigation • Paddy Area Under Rainfed Conditions • Paddy Area Total • Average Elevation • Average Slope • Cashewnut Area • Coconut Area in Production 	Third Level: 9 Provinces 25 Districts 323 Divisional Secretary Division

		<ul style="list-style-type: none"> • Coconut Area Not in Production • Daily Buffalo Milk Production • Daily Milk Production • Distance to Road • Distance to Town • Ethnicity-Burgher Population • Ethnicity-Indian Tamil Population • Ethnicity-Malay Population • Ethnicity-Other Population • Ethnicity-Sri Lanka Moors Population • Ethnicity-Sinhala Population • Ethnicity-Sri Lanka Tamil Population • Headcount Index • Average Rainfall - Yala Season • Maximum Elevation • Maximum Slope • Agriculture Holding with Extent Above 2 Acres • Agriculture Holding with Extent Between 1 and 2 Acres • Agriculture Holding with Extent Less than 1 Acre • Collective Living Quarters • Housing Units • Institutions • Non-housing Units • Paddy Parcels • Agriculture Operators not Owning Any Land • Agriculture Operators-Owning Home, Garden and Other Land • Agriculture Operators-Owning Home Garden Only • Agriculture Operators- Owning Other Land Only • Agriculture Operators (Total) • Number of Households 	
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Vietnam	1994/1998	Nicholas Minot Bob Baulch. <i>International Food Policy Research Institute (IFPRI)</i>	Headcount Index Rural Headcount Index Urban Headcount Index Poverty Gap Index Squared Poverty Gap Index GINI Coefficient Inequality Measure Households with Electricity Households with Radio Households with TV Literate Population 15+ Years Old Number of Households Number of Persons Total Number of Female Persons Population 0-14 Years Old Population 15+ Years Old Population 65+ Years Old Standard Error Poverty Line Rural Standard Error Poverty Line Urban Standard Error Poverty Line Percent Urban	Third Level: 7 Regions 61 Provinces 598 Districts

Unsatisfied Basic Needs and Human Development Index

COUNTRY	CENSUS YEAR	INDICATORS	SOURCE
Argentina	2001	<ul style="list-style-type: none"> • Number of Households • Number of Population • Number of Households with Unsatisfied Basic Needs • Percentage of Households with Unsatisfied Basic Needs • Number of Persons with Unsatisfied Basic Needs • Percentage of People with Unsatisfied Basic Needs 	<p>Censo 2001. INDEC (Instituto Nacional de Estadísticas y Censos). http://www.indec.mecon.ar/nuevaweb/</p>
Bolivia	1991/2001	<ul style="list-style-type: none"> • Consumption Index (adjusted to the GDP per capita) • Density of Unsatisfied Basic Needs (UBN) • Education Index • Human Development Index (HDI) Value • Inadequate Health Attention (UBN) • Insufficiency in Education (UBN) • Insufficient Housing Spaces (UBN) • Inadequate Energy Inputs (UBN) • Inadequate Housing Materials (UBN) • Inadequate Services of Water and Sewer Systems (UBN) • Life Expectancy Index • Poverty Intensity • Per Capita Consumption (PPP US\$) 	<p>Informe Nacional de desarrollo Humano. PNUD - Programa de las Naciones Unidas para el Desarrollo. http://www.udape.gov.bo/revista/IDH_Municipal.pdf Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004. http://www.eclac.cl/esalc/ http://www.ine.gov.bo</p>
Colombia	1993	<ul style="list-style-type: none"> • Density of Unsatisfied Basic Needs (UBN) • Poverty Intensity 	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p>

Ecuador	1990/2000	<p>Density of Unsatisfied Basic Needs (UBN)</p> <p>Poverty Intensity</p> <p>Percent of Population with One Unsatisfied Basic Need (UNB)</p> <p>Percent of Population with Two Unsatisfied Basic Need (UNB)</p> <p>Percent of Population with Three Unsatisfied Basic Need (UNB)</p> <p>Percent of Population with Four Unsatisfied Basic Need (UNB)</p>	<p>http://www.eclac.cl/esalc/</p> <p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p> <p>http://www.eclac.cl/esalc/</p> <p>http://www.siise.gov.ec/</p>
Guatemala	1994/2001	<ul style="list-style-type: none"> • Density of Unsatisfied Basic Needs (UBN) • Poverty Intensity • Headcount Index • Percentage of Extreme poverty • Poverty Gap Index • Gap Value • Percentage of the Gap Value • Extreme Gap Index • Extreme Gap Value • Percentage of the Extreme Gap Value 	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p> <p>http://www.eclac.cl/esalc/</p> <p>Poverty Reduction Strategy – The Road to Peace. Government of the Republic of Guatemala, 2001.</p> <p>http://www.segeplan.gob.gt/docs/ERP/pobreza/docs/download/erpespeng/English.pdf</p>
Honduras	2001	<p>Density of Unsatisfied Basic Needs (UBN)</p> <p>Poverty Intensity</p> <p>Combine Enrollment Gross Rate</p> <p>Percentage of Households without Education</p> <p>Estimated Malnutrition Rate</p> <p>GDP per capita (PPA in USD)</p>	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de</p>

		<p>Human Development Index (HDI) Value Percentage of Houses with Poor Construction Materials Institutional Population Institutional Rural Population Institutional Urban Population Literacy Rate Persons without Unsatisfied Basic Needs Rural People without Unsatisfied Basic Needs Urban People without Unsatisfied Basic Needs Percentage of Houses without Unsatisfied Basic Needs Household Counts Number of Population Total Number of Persons Living in Rural Areas Total Number of Persons Living in Urban Areas Indoor Plumbing Prevalence Housing with More than 3 Persons Per Bedroom Education of Head of Household and Number of Dependants Persons with 1 Unsatisfied Basic Need Rural Persons with 1 Unsatisfied Basic Need Urban Persons with 1 Unsatisfied Basic Need Persons with 2 Unsatisfied Basic Need Rural Persons with 2 Unsatisfied Basic Need Urban Persons with 2 Unsatisfied Basic Need Persons with 3 Unsatisfied Basic Need Rural Persons with 3 Unsatisfied Basic Need Urban Persons with 3 Unsatisfied Basic Need Percentage of Houses with Unsatisfied Basic Needs Percentage of Houses with 1 Unsatisfied Basic Need Percentage of Houses with 2 Unsatisfied Basic Need Percentage of Houses with 3 Unsatisfied Basic Need</p>	<p>Chile, 2004. http://www.eclac.cl/esalc/ XVI Censo Nacional de Población y V Censo de Vivienda 2001. INE (Instituto Nacional de Estadísticas). http://www.ine-hn.org/</p>
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		Potable Water Prevalence	
Nicaragua	1995/1998	<ul style="list-style-type: none"> • Density of Unsatisfied Basic Needs (UBN) • Poverty Intensity • Percentage of Extreme poverty • Rural Headcount Index • Poverty Gap Index • Number of Poor People Calculated for an Alternate, Lower Poverty Line 	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p> <p>http://www.eclac.cl/esalc/</p> <p>Mapa de Pobreza Extrema de Nicaragua, Censo 1995 – EMNV 1998. INEC (Instituto Nacional de Estadística y Censos).</p> <p>http://www.inec.gob.ni/mecovi/pdf/mapapobreza2001.pdf</p>
Peru	1993	<ul style="list-style-type: none"> • Density of Unsatisfied Basic Needs (UBN) • Poverty Intensity 	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p> <p>http://www.eclac.cl/esalc/</p>
Salvador	1992	<ul style="list-style-type: none"> • Density of Unsatisfied Basic Needs (UBN) • Poverty Intensity 	<p>Shuschny, Andrés; Gallopín, Gilberto. La Distribución Espacial de la Pobreza en Relación a los Sistemas Ambientales en América Latina. Proyecto "Evaluación de la Sostenibilidad en América Latina y el Caribe". Naciones Unidas - CEPAL. Santiago de Chile, 2004.</p> <p>http://www.eclac.cl/esalc/</p>