



Chronic Poverty
Research Centre

Household Panel Data Sets in Developing and Transition Countries

(Version 2, March 2011)

What is Chronic Poverty?

The distinguishing feature of chronic poverty is extended duration in absolute poverty.

Therefore, chronically poor people always, or usually, live below a poverty line, which is normally defined in terms of a money indicator (e.g. consumption, income, etc.), but could also be defined in terms of wider or subjective aspects of deprivation.

This is different from the transitorily poor, who move in and out of poverty, or only occasionally fall below the poverty line.

Compiled by Bob Baulch

drawing on Dercon and Shapiro (2007), and
Lawson, McKay and Moore (2003)

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<i>Country</i>	<i>Survey name</i>	<i>Type</i>	<i>Waves</i>	<i>Number of Households</i>	<i>Research using this data</i>
Argentina (Greater Buenos Aires)	Permanent Household Survey (EPH)	Rotating panel	Quarterly 1990-2002	12 cohorts, average 453 households	Wodon 2001, Garindo and Marina 2002, Cruces and Wodon 2003a,b Albornoz and Menéndez 2003 Fields et al., 2006
Bangladesh (Comilla and Tangail districts)	Greeley survey	Panel	1994, 2001	1184	Kabeer 2004
Bangladesh	<i>BIDS 64 Village Panel</i>	Panel	1987/88, 2000	379	Sen, 2003
Bangladesh	Long-term Impact of Development Interventions ,Study	Panel	1996/7-2006/07 (Ag Technology + Microfinance) 2000-2003-2006 (Cash/Food for Ed)	1307 480	http://www.ifpri.org/dataset/chronic-poverty-and-long-term-impact-study-bangladesh More than 20 publications including Baulch 2010, Baulch and Davis 2008, Davis and Baulch 2011, Kumar and Quisumbing 2009, 2010), Quisumbing 2007, 200), Quisumbing and Baulch 2009, Rand and Tarp 2009
Bolivia	Comprehensive Development Project (PIDI) evaluation data	Panel	1995/1996, 1998	1,330	Alderman et al. 2001a
Brazil	Sustainable Agriculture in the Amazon study/Dynamics of Land Use and Economic Welfare on the Amazon Frontier	Panel	1996, 2000, 2005	177	http://www.icpsr.umich.edu/icpsweb/ICPSR/studies/25322 Cavaglia & Kahn 2001 Cavaglia-Harris 2003, 2004, 2005 Shone and Cavaglia-Harris 2006 Sills and Cavaglia-Harris 2009

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Brazil	Bolsa Familia evaluation	Panel	2005,2009	7,109 households in 269 municipalities	De Brauw et al 2010 Lindert et al 2007
Chile	National Socioeconomic Characterization (CASEN)	Panel	1996, 2001	4,700	Contreras et al. 2004
China (rural Sichuan)	Rural Household Survey (RHS)	Panel	1991-1995 (annual waves)	3,311	McCulloch & Caldrino 2003
China (rural Guangdong, Guangxi, Guizhou, Yunan)	Rural Household Survey (RHS)	Panel	1985-1990 (annual waves)	6,000	Jalan and Ravallion 2000 Jalan and Ravallion 2001
China (rural Guangxi, Guizhou, Yunan)	Southwest China Poverty Reduction Project	Panel	1995-2000, and 2004	2,000	Chen, Mu and Ravallion 2006
China (31 provinces)	Research Centre on Rural Economy	Panel	1986-2002, except 1992 and 1994	Over 22,000	Benjamin, Brandt and Giles 2005 Duclos, Araar and Giles, 2010
Côte d'Ivoire	Côte d'Ivoire Living Standards Survey (CILSS)	Rotating panel	1985, 86, 87, 88	800	Kamanou and Morduch 2002
Egypt	Egypt Integrated Household Survey (EIHS)	Panel	1997, 1999	347	Haddad and Ahmed 2003
Ethiopia	Rural Household Survey (ERHS)	Panel	1994 (2), 1995, 1997, 1999, 2004 Also 1989	1,477 (354 since 1989)	Bigsten et al. 2003, Dercon and Krishnan 2002, Dercon 2004, Dercon et al 2004, Dercon and Porter, 2010 http://www.economics.ox.ac.uk/members/stefan.dercon/data.htm
Ethiopia	Urban Household Survey	Panel	1994, 1995, 1997, 1999, 2004	1,500	Bigsten et al. 2003, Kedir & McKay 2005
Hungary	Hungarian Household Panel	Panel	Six waves, 1992-1997	1,385 in panel from 2,668 in original	Lokshin and Ravallion 2004
Ghana	Agricultural Innovation and Resource	Panel	6 weekly intervals,	Approximately 450	http://www.econ.yale.edu/~cru2/

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(Akwapim)	Management in Ghana Study		1996-1998	farmers in 240 households located in 4 village clusters	ghanadata.html More than 15 papers including: Conley and Udry 2001, 2010 Golsten and Udry 2008 Udry and Anagol 2006 Udry and Woo 2007
Guatemala	INCAP	Panel			Hoddinott et al 2008
India	National Council of Applied Economic Research (NCAER) panel	Panel	1970/1971-1981/1982, -1998/1999	3319 households in 250 villages and 4,979 households in 259 villages	Bhide and Mehta 2004 Munshi and Rosenzweig 2005 <i>Bhide and Mehta 2006</i>
India	Rural Economic Development Survey (REDS)	Panel	1968/69-1970/21		Foster and Rosenzweig
India	ICRISAT (Maharashtra, Andra Pradesh, Madya Pradesh, Gujuarat)	Panel	1975-84	400, but much research on smaller sub-sample	50+ research papers, main papers summarized in Walker and Ryan, 1990 and Morduch, 2004
India	ICRISAT 'new' (Maharashtra, Andra Pradesh)	Panel	2001-2006	All households still residing in villages from 'old' ICRISAT survey, plus from 2004 tracking of all split-offs including migrants	<i>Badiani et al 2007</i> http://www.economics.ox.ac.uk/members/stefan.dercon/icrisat/ICRISAT/index.html
Indonesia (rural)	100 Village survey by UNICEF and BPS	Panel	1998, 1999 (four interviews)	10,640	<i>Suryahadi, Widianti, and Sumarto 2003</i>
Indonesia	Family Life Survey (IFLS)	Panel	1993, 1997, 2000, 2008 (quarter wave in 1998)	1993: 7,224 93-97: 6,819 97-98: 1,985 93-00: 6,884	http://www.rand.org/labor/FLS/IFLS/ Fields et al. 2003a and 2003b, Strauss 2004, and Newhouse

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				93-97-00: 6,579)))	2005, Thomas et al. 2010
Iran	Data from Statistical Center of Iran	Panel	1992, 1993, 1994, 1995	3,371	Salehi-Isfahani 2003
Kenya	Tegemeo Agricultural Monitoring and Policy Analysis Project (TAMPA)	Panel	1997, 2000, 2004,2007	1,275	Muyanga, Ayieko, and Gamba 2005; Burke and Jayne 2010
Kenya	Quarterly survey of six sites	Panel	Ongoing		McPeak and Barrett 2001
Kenya and Madagascar	U.S. AID panel	Panel	1993-1995	301	Barrett, Bezuneh, and Aboud. 2004
Kenya (Nyanza Province)	Kenyan Ideational Change Survey (KICS) for HIV/AIDS knowledge	Panel	1994/1995-1996/1997	900 women and their husbands	Alderman et al. 2001a
Lao PDR	Lao Expenditure and Consumption Survey	Rotating Panel	2002/03, 2007/08	Approximately 4,500	
Lesotho		Panel	1993, 2002	328	<i>Wason and Hall 2004</i>
Madagascar (Antananarivo)	1-2-3 survey	Rotating panel	97-98 and 98-99	97-98: 1151 98-99: 2371 97-99: 1249	Herrera and Roubaud 2005
Malawi	Complementary Panel Survey (CSR-IFPRI)	Panel	Jan/Feb 2000- Aug/Sept 2002 (4 rounds)	291	Sharma et al 2002
Mali (Zona Lacustre)	Own data	Panel	1997-1998	274	Christiaensen and Boisvert 2000
Mexico	Progres/Oportunidades evaluation survey	Panel	1997-2000 every 6 months	41,000	De Janvry. 2005
Mexico	Urban labor force survey (ENEU)	Rotating panel	Quarterly, 1987-2001		Wodon 2001, Gong et al. 2004, Antman and Mckenzie 2005, <i>Fields et al, 2006</i>
Mexico	Family Life Survey	Panel	2002,2005	8,400	See http://www.radix.uia.mx/ennvih/
Nepal	LSMS	Panel	1995/96, 2003/04	962	Bhatta and Sharma, 2006

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					http://go.worldbank.org/MZU648W5RQ
Nicaragua	LSMS	Panel	1998, 2001 1998, 2001, 2005	3,015	David and Stampini 2002 http://go.worldbank.org/MZU648W5RQ
Pakistan	IFPRI Household Food Security Panel	Panel	Annual waves 1986/8,- 1990/91 with additional waves in 2002/3 and 2005/06	638 300 (Punjab only) 226 (Sind only)	http://www.ifpri.org/dataset/pakistan-panel-survey-1986-1991 More than 25 publications including Adams and He, 1995 Alderman, 1996 Alderman and Garcia, 1993 McCulloch and Baulch, 2000 Baulch & McCulloch 2003 Lohano 2009
Pakistan	North West Frontier Province	Panel	1995/6,1998/9	304	Kurosaki and Khan, 2001 Kurosaki 2003
Peru	National Household Survey (ENAHO)	Panel	1997-1999	97-98: 2,709 98-99: 1,872	Herrera and Roubard 2005
Peru	LSMS Instituto Cuanto	Panel	1990, 1994, 1996	421	Herrera 1999
Philippines	IFPRI and RIMCU Bukidnon panel	Panel	Four rounds in 1984/5, then one round in 1992, 2004	352	De Janvry 2005, Fuwa 2003, Quisumbing and McNiven 2010
Philippines	FIES-APIS	Panel	1997,1998,1999	17,897	Reyes 2002
Poland	Household Budget Survey	Panel	1993-1996	4,919	Luttmer 2001
Rwanda	National budget-consumption survey	Panel	Quarterly (4 rounds), 1982-1983	270 households	Muller 2003
Russia	Russian Longitudinal Monitoring Survey	Panel	<i>Annual waves 1992- 2005</i>	3,596 households, 1,970 in panel	http://www.cpc.unc.edu/projects/rllms Luttmer 2001, Lokshin and Ravallion 2004
South Africa (Gauteng Province)	Community Agency for Social Enquiry study of urban informal	Panel	<i>1997, 2001</i>	200	Stevens 2004 – <i>missing reference</i>

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	settlements				
South Africa (Free State)	USAID survey	Panel	May/June 2001, Nov/Dec 2001, July/Aug 2002	355 households in 2 communities	Booyesen 2003
South Africa (KwaZulu-Natal)	KIDS study	Panel	1993, 1998, 2004	93-98: 1,171 98-04: 865 (inc splits)	http://sds.ukzn.ac.za/default.php?7,12,9,4,0 More than 30 publications, including Alderman et al. 2001a, Carter and May 2001, Keswell 2001, Fields et al. 2003a and 2003b, Cichello, Fields, and Liebbrandt 2005, De Janvry 2005, Woolard and Klasen, 2005, May et al 2011
South Africa	National Income Dynamics Study	Ongoing Panel	2008, 2010	2008: 28,255 individuals	http://www.nids.uct.ac.za/home/
Sri Lanka	Uda Walawe Irrigation Area Impact Assessment	Panel	June, Aug, Oct 2001	858 households in 6 strata (inc controls)	JBIC/IWMI 2002
Tajikistan	Tajikistan Living Standards Measurement Survey	Panel	2007, 2009	Approx. 1,500	http://go.worldbank.org/23RV75BI3
Tanzania (Kagera)	Kagera Health and Development Survey (KHDS)	Panel	1991, 1992, 1993, 1994, 2004	900 households in 1991-94, all households and split-offs in 2004 (2774 households)	http://www.edi-africa.com/research/khds/introduction.htm More than 10 publications including Beegle et al. 2005
Tanzania	National Panel Survey	Ongoing Panel	2008-09, 2010-2011	2008-09: 3,280 households	Tanzania Bureau of Statistics, 2010
Uganda	Uganda Integrated Household Survey (IHS) and National Household Survey (UNHS)	Panel	1992, 1999	92-96: 818 92-99: 1,005	Lawson, McKay and Okidi 2003 Lawson 2004

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Uganda	Northern Uganda Household Survey	Panel	1992,1999,2004	262	Ssewanyana, 2006
Uganda	Uganda National Panel Survey	Panel	2005/06, 2009/10	2,300	www.ubos.org
Venezuela	Household Sample Survey (EHM)	Rotating panel	1997 and 1998	7,744 households	Freije 2003 Fields 2003a and 2003b <i>Fields et al, 2006</i>
Vietnam	Vietnam Living Standards Survey (VLSS)	Panel	1992/1993 – 1997/1998	4,272 households	Glewwe and Nguyen 2002 Baulch and Masset 2003
Vietnam	Vietnam Household Living Standards Survey (VHLSS)	Rotating panel	2002, 2004, 2006, 2008	2002-04 3,931 households; 2004-06 4,193 households; 2002-04-06 1844 households	CAF 2006 Baulch and Vu 2010
Zambia		Panel	2001,2004	5,432	Jayne 2010
Zimbabwe	Resettlement panel	Panel	1983/4, 1987, annually 1992-2002	400 households	Elbers et al. 2002 Hoddinott and Kinsey 2006

References

- Adams, Richard and Jane He, 1995, "Sources of Income Inequality in Rural Pakistan", *IFPRI Research Report* 103, International Food Policy Research Institute, Washington, DC.
- Albornoz, Facundo, and Marta Menéndez. 2003. "Income mobility and equality: The case of Argentina during the 1990s." Mimeo, National University of La Plata.
- Alderman, Harold. 1996. "Saving and economic shocks in rural Pakistan", *Journal of Development Economics* 51: 343-365
- Alderman, Harold, Jere Behrman, Hans P. Kohler, John Maluccio, and Susan Cott-Watkins (2001a). "Attrition in longitudinal household survey data: Some tests for three developing-country samples". *Demographic Research* 5:78-124
- Alderman, Harold and Marito Garcia. 1993. "Poverty, Household Food Security and Nutrition in Rural Pakistan". *IFPRI Research Report* 93, International Food Policy Research Institute, Washington, DC.
- Antman, Francisca, and David J. McKenzie. 2005. "Earnings mobility and measurement error: a pseudo-panel approach." Mimeo, Stanford University.
- Badiani, Reena, Stefan. Dercon, Pramila Krishnan and K.P.C. Rao. 2007. 'Changes in living standards in India 1975-2004: Revisiting the ICRISAT village level studies'. *CPRC Working Paper* 85
- Barrett, Christopher B., Mesfin Bezuneh, and Abdillahi Aboud. 2001. "Income diversification, poverty traps, and policy shocks in Côte d'Ivoire and Kenya." *Food Policy* 26: 367-384.
- Baulch, Bob and Eduardo Masset. 2003. "Do monetary and nonmonetary indicators tell the same story about chronic poverty? A study of Vietnam in the 1990s." *World Development* 31(3): 441-453.
- Baulch, Bob and N. McCulloch. 2003. 'Being poor and becoming poor: poverty status and poverty transitions in rural Pakistan', *Journal of African and Asian Studies*, 37(2): 168-185
- Baulch, Bob and Dat Hoang Vu. 2010. 'Poverty dynamics in Vietnam, 2002-2006'. Background paper for 2010 Vietnam Poverty Assessment. Revised version in Baulch B. (2011) *Why Poverty Persists: Poverty Dynamics in Asia and Africa*. Cheltenham: Edward Elgar Publishing.
- Benjamin, Dwayne, Loren Brandt and John Giles, J., 2005. 'The evolution of inequality in Rural China'. *Economic Development and Cultural Change*, 53, 769–824.
- Bhatta, Saurav and Suman Sharma, 2006, 'Determinants of chronic versus transient poverty in Nepal', *CPRC Working Paper* 66. Revised version published in Baulch, Bob, (2011) *Why Poverty Persists: Poverty Dynamics in Asia and Africa*. Cheltenham: Edward Elgar Publishing
- Bhide, Shashanka., and Aasha K. Mehta. 2004. "Chronic Poverty in Rural India: issues and findings from panel data." *Journal of Human Development* 5(2): 195-209.

- Bigsten, Arne, Bereket Kebede, Abebe Shimeles, and Mekonnen Tadesse. 2003. "Growth and poverty reduction in Ethiopia: Evidence from household panel surveys." *World Development* 31(1): 87-106.
- Booyesen, Frikkie. 2003. "Chronic and transitory poverty in the face of HIV/AIDS-related morbidity and mortality: Evidence from South Africa." Presented at "Staying Poor: Chronic Poverty and Development Policy" conference at University of Manchester, UK, April.
- Carter, Michael R., and Julian May. 2001. "One Kind of Freedom: Poverty Dynamics in Post-apartheid South Africa." *World Development* 29(12): 1987-2006.
- Caviglia-Harris, Jill. 2003. "Sustainable agricultural practices in Rondonia, Brazil: Do local farmers organizations affect adoption rates?" *Economic Development and Cultural Change*, 52(1): 23-50.
- Caviglia-Harris, Jill. 2004. "Household production and forest clearing: the role of farming in the development of the Amazon". *Environment and Development Economics*, 9: 181-292
- Caviglia-Hariss, Jill. 2005. 'Cattle accumulation and land use intensification by households in the Brazilian Amazon'. *Agricultural and Resource Economics Review*, 34(2): 145-162.
- Caviglia, Jill and James Kahn. 2001. "Diffusion of sustainable agriculture in the Brazilian tropical rain forest: a discrete choice analysis". *Economic Development and Cultural Change*, 49(2): 311-333
- Conley, Timothy and Christopher Udry. 2001. 'Social learning through networks: the adoption of new agricultural technologies in Ghana' *American Journal of Agricultural Economics*, 83(3): 668-673
- Conley, Timonth and Christopher Udry. 2010. 'Learning about a new technology: pineapple in Ghana', *American Economic Review*, 1000(1): 35-69
- Burke,William and Thom Jayne. 2010. "Spatial disadvantages or spatial poverty traps: household evidence from rural Kenya". *CPRC Working Paper* 167, Manchester: Chronic Poverty Research Centre
- Center for Analysis and Forecasting, 2006. 'Poverty, Poverty Reduction and Poverty Dynamics in Vietnam', Country Background Paper for Chronic Poverty Report 2007-8, Hanoi: Center for Analysis and Forecasting, Vietnamese Academy of Social Sciences
- Chen, Shaouhoa., Ren Mu., and Martin Ravallion, 2006, 'Are there lasting impacts of a poor area development program?' Mimeo, Development Research Group, World Bank
- Christiaensen Luc J., and Richard N. Boisvert. 2000. "On measuring household vulnerability: Case evidence from northern Mali." Mimeo, Cornell University.
- Cichello, Paul L., Gary S. Fields, and Murray Liebbrandt. 2005. "Earnings and employment dynamics for Africans in post-apartheid South Africa: A Panel Study of KwaZulu-Natal." *Journal of African Economies* 14(2): 143-190.
- Contreras, Dante, Ryan Cooper, Jorge Herman, and Christopher Nielson. 2004. "Dinámica de la Pobreza y Movilidad Social: Chile 1996-2001." Mimeo, University of Chile.

- Cruces, Guillermo and Quentin T. Wodon. 2003a. "Transient and chronic poverty in turbulent times: Argentina 1995-2002", *Economics Bulletin*,9(3): 1-12.
- Cruces, Guillermo, and Quentin Wodon. 2003b. "Risk-adjusted poverty in Argentina: measurements and determinants." Discussion Paper No. DARP 72. Toyota Centre, London School of Economics.
- Davis, Benjamin, and M. Stampini. 2002. "Pathways towards prosperity in rural Nicaragua"; *ESA Working Paper 02-12.*, Rome; Food and Agriculture Organization
- De Brauw, Alex, Daniel Gilligan, John Hoddinott and Salini Roy (2010). "The impact of Bolsa Familia on child, maternal and household welfare", Mimeo, International Food Policy Research Institute, Washington, DC.
- De Janvry, Alain. 2005. "Paths from poverty: A multi-country study." Mimeo, University of California at Berkeley.
- Dercon, Stefan. 2004. *Insurance Against Poverty*. Oxford, Oxford University Press.
- Dercon, Stefan., and Pramila Krishnan. 2002. "Poverty in Rural Ethiopia 1989-95: Evidence from household panel data in selected villages." In: Anne Booth and Paul Mosley (eds.), *The New Poverty Strategies*. Palgrave MacMillan, Basingstoke, pp. 172– 204.
- Dercon, Stefan and Catherine Porter 2011. 'A poor life? Chronic poverty and downward mobility in rural Ethiopia, 1994-2004'. In Baulch, Bob (2011) *Why Poverty Persists: Poverty Dynamics in Asia and Africa*. Cheltenham: Edward Elgar Publishing
- Dercon, Stefan and Joseph Shapiro, 2007, 'Moving On, Staying Behind and Getting Lost: lessons on poverty mobility from longitudinal data'. In: Narayan, Deepa and Patti Petesch (eds.) *Moving Out of Poverty; Cross Disciplinary Perspectives on Mobility*, Washington, DC: World Bank/Palgrave Macmillian.
- Elbers, Christopher, Jan W. Gunning and Ben Kinsey (2002), "Convergence, Shocks and Poverty." Tinbergen Institute Working Paper 2002-035/2
- Fields, Gary S., Paul L. Cichello, Samuel Freije, Marta Menéndez, and David Newhouse. 2003a. "For Richer or for Poorer: Evidence from Indonesia, South Africa, Spain, and Venezuela." *Journal of Economic Inequality* 1.
- Fields, Gary S., Paul L. Cichello, Samuel Freije, Marta Menéndez and David Newhouse. 2003b. "Household income dynamics: a four-country story." *Journal of Development Studies* 40(2): 30-54.
- Fields, Gary *et al.*, 2006, 'Earnings Mobility in Argentina, Mexico and Venezuela: Testing the Divergence of Earnings and Symmetry of Mobility Hypothesis' Mimeo, Cornell University
- Freije, Samuel. 2003. "Income, positional, and poverty dynamics in Venezuela." Mimeo, Cornell University.
- Fuwa, Nobuhiko. 2003. "Pathways from poverty toward middle class: determinants of socio-economic class mobility in the rural Philippines." Mimeo, University of the Philippines-Diliman

- Garrindo, Nicolás, and Adriana Marina. 2002. "Income mobility: a characterization in Argentina using archetypes." *Estudios de Economía* 29(1): 123-138.
- Glewwe, Paul, and Phong Nguyen. 2002. "Economic Mobility in Vietnam in the 1990s." World Bank *Policy Research Working Paper* 2838.
- Goldstein, Marcus and Christopher Udry. 2008. 'The profits of power: land rights and agricultural investment in Ghana.' *Journal of Political Economy*, 116(6): 981-1022
- Gong, Xiaodong, Arthur Van Soest, and Elizabeth Villagomez. 2004. "Mobility in the urban labor market: A panel data analysis for Mexico." *Economic Development and Cultural Change* 53(1): 1-36.
- Haddad, Lawrence and Akhter Ahmed. 2003. "Chronic and transitory poverty: Evidence from Egypt, 1997-99." *World Development* 31(1): 71-85.
- Herrera, Javier and Francois. Roubaud. 2005. "Urban poverty dynamics in Peru and Madagascar, 1997-1999: A panel data analysis." *International Planning Studies* 10(1): 21-48.
- Herrera, Javier. 1999. "Ajuste Economico, Desigualdad, y Movilidad", Mimeo, DIAL, Paris.
- Hoddinott, John., John Maluccio, Jere Behrman, R. Flores and Reynaldo. Martorell (2008). 'Effect of a nutrition intervention during early childhood on economic productivity in Guatemalan adults', *The Lancet*, 371(961): 411-416.
- Hoddinott, John. and William Kinsey (2001), 'Child growth in a time of drought', *Oxford Bulletin of Economics and Statistics*, 61(4), 409-436
- JBIC/IWMI, 2002, "Impact assessment of irrigation infrastructure development on poverty alleviation: a case study from Sri Lanka". *JBIC Research Paper 19*, Japan Bank for International Cooperation, Tokyo
- Kabeer, Naila. 2004. "Snakes, ladders, and traps: changing lives and livelihoods in rural Bangladesh (1994-2001)." *CPRC Working Paper* 50.
- Kamanou, G, and Jonathan Morduch. 2002. "Measuring vulnerability to poverty." NYU *Wagner Working Paper* WP1012.
- Kedir, Abbi and Andrew McKay. 2005. "Chronic poverty in urban Ethiopia: panel data evidence." *International Planning Studies* 10(1): 49-67.
- Keswell, Malcolm. 2001. "Intragenerational mobility: A study of chance and change in post-apartheid South Africa." Mimeo, University of Cape Town.
- Kurosaki, Takashi. 2006a. "Consumption vulnerability to risk in rural Pakistan," *Journal of Development Studies*, 42(1): 70-89.
- Kurosaki, Takashi. 2006b, "The measurement of transient poverty: theory and application to Pakistan", *Journal of Economic Inequality*--Volume 4(3)-forthcoming
- Lawson, David, Andrew McKay and Karen Moore. 2003. Panel datasets in developing and transitional countries (Version 1 – 07.2003). Manchester: Chronic Poverty Research Centre.

- Lawson, David, Andrew McKay and John Okidi. 2003. 'Poverty persistence and poverty transitions in Uganda: a combined qualitative and quantitative analysis.' *CPRC Working Paper 28*
- Lawson, David. 2004. "The influence of ill health on chronic and transient poverty: evidence from Uganda." *CPRC Working Paper 41*.
- Lindert, Kathy, Anja Linder, Jason Hobbs and Benedicte de la Briere. 2007. "The nuts and bolts of Brazil's Bolsa Familia Program: Implementing conditional cash transfers in a decentralised context". *Social Protection Discussion Paper 0709*, World Bank, Washington, DC.
- Lokshin, Michael and Martin Ravallion. 2004. "Household income dynamics in two transition economies." *Studies in Nonlinear Dynamics & Econometrics* 9(3): 1-31.
- Lohano, Hari. 2009. 'Poverty dynamics in rural Sindh, Pakistan', *CPRC Working Paper 157*. Revised version in Baulch, Bob. (2011) *Why Poverty Persists: Poverty Dynamics in Asia and Africa*. Cheltenham: Edward Elgar Publishing.
- Luttmer, E.F.P. 2001. "Measuring poverty dynamics and inequality in transition economies: disentangling real events from noisy data." World Bank Policy Research Working Paper 2549.
- May, Julian, Ingrid Woolard and Bob Baulch., 2011, 'Poverty traps and structural poverty in South Africa: reassessing the evidence from Kwazulu-Natal, 1993-2004'. In Baulch, Bob. (2011) *Why Poverty Persists: Poverty Dynamics in Asia and Africa*. Cheltenham: Edward Elgar Publishing.
- McCulloch, Neil and Bob Baulch, 2000. 'Simulating the impact of policy upon chronic and transitory poverty in rural Pakistan', *Journal of Development Studies* 36(6): 100-130.
- McCulloch, Neil. and Michelle Calandrino. 2003. "Vulnerability and chronic poverty in rural Sichuan." *World Development* 31(3): 611-628.
- McPeak, J.G., and Christopher B. Barrett. 2001. "Differential risk exposure and stochastic poverty traps among East African Pastoralists." *American Journal of Agricultural Economics* 83(3): 674-679.
- Morduch, Jonathan. 2004, "Consumption smoothing over space", chapter in S.Dercon, *Insurance against Poverty*, Oxford University Press.
- Muller, Christophe. 2003. "Censored quantile regressions of chronic and transient seasonal poverty in Rwanda." *Journal of African Economies* 11(4): 503-541.
- Munshi, Kaivan and Mark R. Rosenzweig. 2005. "Why is mobility in India so low? Social insurance, inequality, and growth." Harvard Center for International Development Working Paper 121.
- Muyanga, M., M. Ayieko, and P. Gamba. 2005. "Rural poverty dynamics in Kenya: A study of rural households entering and exiting poverty." Proposal Submitted to PMMA.
- Quisumbing, Agnes and Scott McNiven, 2010. "Moving forward, looking back: The impact of migration and remittances on assets, consumption, and credit constraints in the rural Philippines" *Journal of Development Studies*, 46(1): 91-113.

- Newhouse, David. 2005. "The persistence of income shocks: evidence from rural Indonesia." *Review of Development Economics* 9(3): 415-433.
- Reyes, Celia. 2002, 'Moving in and out of poverty in the Philippines.' *MIMAP Research Paper* 53, Ottawa: IDRC
- Salehi-Isfahani, Djavad. 2003. "Mobility and the dynamics of poverty in Iran: What can we learn from the 1992-1994 panel data?" Mimeo, Department of Economics, Virginia Tech, Blackburg.
- Sen, Binyak. 2003. "Drivers of escape and descent: changing household fortunes in Bangladesh." *World Development*, 31(3): 513-534.
- Shone, Bryan and Jill Caviglia-Harris. 2006. "Quantifying the benefits of sustainable agriculture: household welfare, diversification, and returns from production." *Ecological Economics*, 58: 249-267
- Sills, Erin and Jill Caviglia-Harris. 2009. "Evolution of an Amazon frontier: Land values in Rondonia, Brazil." *Land Use Policy*, 26(1): 55-67.
- Ssewanyana, Sarah. 2006. "Panel data documentation of the Northern Uganda Survey." Mimeo, Economic Policy Research Centre, Kampala and Chronic Poverty Research Centre, Manchester.
- Tanzania Bureau of Statistics. 2010. *Tanzania National Panel Survey Report, Round 1 2008-09*. Mimeo, National Bureau of Statistics, Dar-es-Salaam.
- Udry, Christopher and Santosh Anagol. 2006. "The return to capital in Ghana". *American Economic Review* (Papers and Proceedings), 96(2): 388-393.
- Udry, Christopher and Hyungi Woo. 2007. "Household and the social organization of consumption in southern Ghana." *African Studies Review*, 50(2): 139-153
- Walker, Thomas and James Ryan, 1990, *Village and Household Economies in India's Semi-Arid Tropics*, Baltimore: John Hopkins University Press
- Wodon, Quentin. 2001. "Income mobility and risk during the business cycle: comparing adjustments in labor markets in two Latin American countries." Mimeo, World Bank.
- Woolard, Ingrid and Stephan Klasen (2005), 'Determinants of income mobility and household poverty dynamics in South Africa', *Journal of Development Studies* 41(5): 865-897.



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The Chronic Poverty Research Centre

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