

# Michael M. Lokshin

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## EMPLOYMENT

<b>Job Title: Research Manager</b>	<b>Years Employed: 2013.03 – present</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Advisor</b>	<b>Years Employed: 2011.04 – 2013.03</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Lead Economist</b>	<b>Years Employed: 2010.03 – 2011.04</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Senior Economist</b>	<b>Years Employed: 2003.08 – 2010.03</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Economist</b>	<b>Years Employed: 2000.09 - 2003.08</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Young Economist (YE Program in DECRG)</b>	<b>Years Employed: 1999.06 - 2000.09</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Long term consultant</b>	<b>Years Employed: 1998.02 - 1999.06</b>
THE WORLD BANK DEVELOPMENT ECONOMICS RESEARCH GROUP	WASHINGTON, DC
<b>Job Title: Research Assistant</b>	<b>Years Employed: 1993 - 1998</b>
CAROLINA POPULATION CENTER, UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	CHAPEL HILL, NC
<b>Job Title: President</b>	<b>Years Employed: 1995 - 1998</b>
POPLEX SOFTWARE DEVELOPMENT INTERNATIONAL	CARRBORO, NC
■ DEVELOPMENT OF EDUCATIONAL SOFTWARE TO ACCOMPANY TEXTBOOKS IN ECONOMICS	
<b>Job Title: Junior Economic Advisor</b>	<b>Years Employed: 1991 - 1993</b>
CONSULTING GROUP ON SOCIO-ECONOMIC ISSUES OF THE RUSSIAN PARLIAMENT	MOSCOW, RUSSIA

**Job Title: Research Fellow**

**Years Employed: 1989-1990**

DEPARTMENT OF SOCIAL AND DEMOGRAPHIC STUDIES,  
MOSCOW INSTITUTE OF ECONOMICS AND MATHEMATICS (CEMI)

MOSCOW, RUSSIA

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## EDUCATION

**Ph.D. in Economics**

**August 1999**

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
DEPARTMENT OF ECONOMICS

CHAPEL HILL, NC

FIELDS: Labor Economics, Development Economics, Econometrics

**MASTER of Science in Physics**

**May 1989**

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY

MOSCOW, RUSSIA

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## PUBLICATIONS

**Papers: Published and in-print**

1. (2013) Bhargava, A., Guntupalli, A and M. Lokshin "Modeling the effects of immunizations timing on child health outcomes in India", Health Economics, accepted for publication
2. (2012) Das, J., Chiburis, R., and M. Lokshin "A Practical Comparison of the Bivariate Probit and Linear IV Estimators", Economic Letters, Vol. 117: 762-766.
3. (2012) Lokshin, M. and S. Radyakin. "Month of Birth and Children's Health in India." Journal of Human Resources, Vol. 47(1): 174-203.
4. (2011) Alderman, H. and M. Lokshin "Tall claims: Mortality bias and children heights". Economics and Human Biology, Vol.9(4): 393-406.
5. (2011) Bhargava, A., Guntupalli, A. and M. Lokshin "Health care utilization, socioeconomic factors and child health in India." Journal of Biosocial Science, Vol.43(6): 701-15.
6. (2011) Lokshin, M., and K. Beegle. "Forgone Earnings from Smoking: Evidence from a Developing Country." Research in Labor Economics, Vol. 33: 209-238.
7. (2011) Lokshin, M. and Z. Sajaia "Impact of Interventions on discrete outcomes: Maximum-likelihood Estimation of the Binary Choice Models with Binary Endogenous Regressors", Stata Journal, Vol. 11(3): 368-385.
8. (2010) Lokshin, M., El-laithy, H., and A. Benerji. "Poverty and Economic Growth in Egypt, 1995-2000." Journal of African Studies and Development, Vol. 2(6): 150-165.
9. (2010) Lokshin, M., Bonch-Osmolovskiy M., and E. Glinskaya. "Work-related Migration and Poverty Reduction in Nepal." Review of Development Economics, Vol. 14(2): 323-332.
10. (2009) Klytchnikova, I. and M. Lokshin. "Measuring Welfare Gains from Better Quality Infrastructure." Journal of Infrastructure and Development, Vol. 1(2): 87-109.
11. (2009) Lokshin, M., and M. Ravallion. "Who Cares about Relative Deprivation?" Journal of Economic Behavior and Organization, Vol. 73: 171-185.
12. (2009) Lokshin, M., and E. Glinskaya. "The Effect of Male Migration on Employment Patterns of Females in Nepal." World Bank Economic Review, Vol. 23(3): 481-507.

13. (2009) Lokshin, M., "A survey of poverty research in Russia: Does it follow the scientific method?" Economic Systems, Vol. 33(3): 191-212.
14. (2009) Sawada, Y. and M. Lokshin. "Obstacles to school progression in rural Pakistan: An analysis of gender and sibling rivalry using field survey data." Journal of Development Economics, Vol. 88: 335-347.
15. (2008) Lokshin, M. and Z. Sajaia. "Creating Print-ready Tables in Stata," Stata Journal, Vol. 8(3): 374-389.
16. (2008) Lokshin, M. "Does Poverty Research in Russia Follow the Scientific Method," Economic Matters (Voprosy Ekonomiki) (in Russian), Vol. 6: 44-60.
17. (2008) Lokshin, M., and R. Yemtsov. "Who Bears the Cost of Russia's Military Draft?" Economics of Transition, Vol. 16(3): 359-387.
18. (2008) Lokshin, M., and M. Ravallion. "Testing for an Economic Gradient in Health Status Using Subjective Data," Health Economics, Vol. 17(11): 1237-1259.
19. (2007) Lokshin, M., and Z. Sajaia. "The Economic Cost of Smoking: Differences in Wages between Smokers and Non-smokers in Russia," Applied Econometrics (in Russian). Vol. 2(6):60-80.
20. (2007) Ravallion, M., and M. Lokshin. "The Lasting Welfare Impacts of Indonesia's 1998 Crisis" Economic Development and Cultural Change, Vol. 56(1): 27-56.
21. (2007) Chiburis, R., and M. Lokshin. "Maximum likelihood and two-step estimation of an ordered probit selection model," Stata Journal, Vol. 7(2): 1-16.
22. (2007) Lokshin, M., and E. Glinskaya. "Private-public wage differential and sectoral choice decision in India." Journal of International Development, Vol. 19: 333-355.
23. (2006) Lokshin, M., "Semi-parametric difference-based estimation of partial linear regression models." Stata Journal, Vol. 6(3): 377-383.
24. (2006) Ravallion M., and M. Lokshin. "Testing Poverty Lines." Review of Income and Wealth, Vol. 52(3): 399-421.
25. (2006) Lokshin, M., Umapathi, N., and S. Paternostro, "Robustness of Subjective Welfare Analysis in a Poor Developing Country: Madagascar 2001." Journal of Development Studies, Vol. 42(4): 559-591.
26. (2006) Lokshin, M., and R. Yemtsov, "Distributional and Welfare Implications of the Military Draft: Micro-Level Evidence from Russia." Economic Matters (Voprosy Ekonomiki) (in Russian), Vol. 1: 50-69.
27. (2006) Lokshin, M., and M. Fong, "Women's Labour Force Participation and Child Care in Romania." Journal of Development Studies, Vol. 42(1): 90-109.
28. (2005) Lokshin, M., and R. Yemtsov, "Evaluating the Impact of Infrastructure Rehabilitation Interventions on Household Welfare in Georgia." World Bank Economic Review, Vol. 19(2): 311-333.
29. (2005) Lokshin, M., Das Gupta, M., and O. Ivaschenko, "An Assessment of India's Integrated Child Development Services Nutrition Program," Development and Change, Vol. 36(4): 613-640.
30. (2005) Lokshin, M., and M. Ravallion, "Rich and Powerful? Subjective Power and Welfare."

31. (2004) Lokshin, M., "Household child care choices and women's work behavior in Russia." Journal of Human Resources, Vol. 39(4): 1094-1115.
32. (2004) Lokshin, M., and M. Ravallion, "Short-lived Shocks with Long-lived Impacts? Household Income Dynamics in a Transition Economy." Studies in Nonlinear Dynamics & Econometrics, Vol. 8(3): Article 4.
33. (2004) Lokshin, M., and Z. Sajaia, "Maximum Likelihood Estimation of Endogenous Switching Regression Models." Stata Journal, Vol. 4(3): 227-234.
34. (2004) Lokshin, M., Glinskaya, E., and M. Garcia, "The effect of early childhood development Programs on women's labor force participation and older children's schooling in Kenya." Journal of African Economies, Vol. 13(2): 240-276.
35. (2004) Lokshin, M., and R. Yemtsov, "Combining Longitudinal Household and Community Surveys for Evaluation of Social Transfers: Infrastructure Rehabilitation Projects in Rural Georgia" Journal of Human Development, Vol. 5(2): 265-276.
36. (2004) Jovanovic, B., and M. Lokshin, "Wage Differentials between the State and the Private Sector in Moscow." Review of Income and Wealth, Vol. 50(1): 107-123.
37. (2004) Lokshin, M., and R. Yemtsov, "Household Strategies for Coping with Poverty and Social Exclusion in Post-Crisis Russia." Review of Development Economics, Vol. 8(1): 15-32.
38. (2003) Lokshin, M., and B. Jovanovic, "Wage Differentials and State-Private Sector Employment Choice in the Federal Republic of Yugoslavia." Economics of Transition, Vol. 11(3): 463-491.
39. (2003) Rao, V., Indrani, G., Lokshin, M., and S. Jana, "Sex Workers and the Cost of Safe Sex: The Compensating Differential for Condom Use in Calcutta." Journal of Development Economics, Vol. 71: 585-603.
40. (2002) Ravallion, M., and M. Lokshin, "Self-rated Economic Welfare", European Economic Review, Vol. 46(8): 1453-1473.
41. (2001) Ravallion, M., and M. Lokshin, "Identifying Welfare Effects from Subjective Questions." Economica, Vol. 68(271): 335-357.
42. (2000) Lokshin, M., Popkin, B., and K. Harris, "Single Mothers in Russia: Household Strategies of Coping with Poverty." World Development, Vol. 28(12): 2183-2198.
43. (2000) Lokshin, M., and M. Ravallion, "Welfare Impacts of Russia's 1998 Financial Crisis and the Response of the Public Safety Net." Economics of Transition, Vol. 8(2): 269-295.
44. (2000) Ravallion, M., and M. Lokshin, "Who Wants to Redistribute? the Tunnel Effect in 1990s Russia." Journal of Public Economics, Vol. 76: 87-104.
45. (1999) Lokshin, M., and B. Popkin, "Emerging underclass in Russia: Poverty and Income Dynamics 1992-1996", Economic Development and Cultural Change, Vol. 47(4): 829-837.
46. (1998) with Namvar Zahoory et al., "Monitoring the Economic Transition in the Russian Federation and its Implications for the Demographic Crisis – the Russia Longitudinal Monitoring Survey", World Development, Vol. 26(11): 1977-1993.

### **Books or Chapters in a book: Published and in-print**

1. (2013) Foster, J., Seth, S., Lokshin, M. and Z. Sajaia “A Unified Approach to Measuring Poverty and Inequality: Theory and Practice”, The World Bank Press
2. (2013) Yemtsov, R., and M. Lokshin “Poverty and Inequality in Russia,” in Alekseev, M. and S. Weber, *Handbook of Russian Economics*, Chapter 32: 775-799
3. (2011) Wagstaff, A., Bilger, M., Sajaia, Z., and M. Lokshin. *Health Equity and Financial Protection: Streamlined Analysis with ADePT Software*, The World Bank Press
4. (2011) Porta, E., Arcia, G., Macdonald, K., Radyakin, S., and M. Lokshin. *Assessing Sector Performance and Educational Equity: Streamlined Analysis with ADePT Software*, The World Bank Press
5. (2011) Lokshin, M., and S. Radyakin “Month of Birth and Children’s Health in India”, Chapter 8 in *Seasonality, Rural Livelihood and Development*, Ed. Stephen Devereux, Rachel Sabates-Wheeler, and Richard Longhurst, EarthScan
6. (2009) Lokshin, M., Bonch-Osmolovskiy, M., and E. Glinskaya “Work-Related Migration and Poverty Reduction in Nepal”, Chapter 1, in Murrugarra, E., Larrison, J., and Marcin Sasin ed. *Migration and Poverty: Toward Better Opportunities for the Poor*, The World Bank.
7. (2008) Ravallion M., and M. Lokshin “Winners and Losers from Trade Reform in Morocco,” Chapter 2, in Bourguignon, F., Pereira da Silva, L., and M. Bussolo, ed. *The impact of economic policies on poverty and income distribution - Advanced Evaluation Techniques and Tools*, Oxford University Press, UK
8. (2007) Lokshin, M., Glinskaya, E., and M. Garcia “ECD Programs, Mother’s Labor Supply and Older Children’s Schooling in Kenya,” in Garcia, M. and K. Subbarao, ed. *Africa’s Future, Africa’s Challenge: Early Childhood Care and Development in Sub-Saharan Africa*, Chapter 19: 371-387 Directions in Development. Washington, DC: World Bank
9. (2005) Ravallion, M., and M. Lokshin “On the consistency of poverty lines”, in A. de Janvry and R. Kanbur, ed. *Poverty, Inequality and Development: Essays in Honor of Erik Thorbecke*: 15-40, Springer, New York, NY, USA
10. (2005) Lokshin, M., and M. Ravallion “Self-Rated Power and Welfare in Russia” in Narayan, Deepa, ed. *Measuring Empowerment: Cross-Disciplinary Perspectives*: 177-196, Washington, DC: World Bank, USA
11. (1997) Balak, B., Lave, J., and M. Lokshin, “Study guide to accompany “Essentials of Macroeconomics: Theory, Policy and International applications” by Roger Miller and David Van Hoose”, South-Western College Publishing, International Thomson Publishing Company.

### **Papers: Revise and resubmit**

1. Bhargava, A., Guntupalli, A.M., and M. Lokshin (2011b). “Timing of immunizations and child health outcomes: Evidence from a health and demographic survey in India”, R&R in [Health Economics](#).
2. Carneiro, P., Lokshin, M., Ridao-Cano, C., and N. Umapathi. “Average and Marginal Returns to Upper Secondary Schooling in Indonesia”, R&R in [Applied Econometrics](#).

### **Papers submitted to journals**

1. Lokshin, M., Gimpelson, V. and A. Oschepkov. "Explaining the dynamics in perceptions of job insecurity in Russia", submitted to Economic Development and Cultural Change.

### **World Bank Working Papers Series Publications**

1. Subjective Economic Welfare (Author: Martin Ravallion and Michael Lokshin). #2106
2. Who Wants to Redistribute? Russia's Tunnel Effect in the 1990s (Author: Martin Ravallion and Michael Lokshin). #2150
3. Household Childcare Choices and Women's Work Behavior in Russia (Author: Michael M. Lokshin). #2206
4. Single Mothers in Russia: Household Strategies for Coping with Poverty (Author: Michael Lokshin, Kathleen Mullan Harris, and Barry Popkin). #2300
5. Identifying Welfare Effects from Subjective Questions (Author: Martin Ravallion and Michael Lokshin). #2301
6. Sex Workers and the Cost of Safe Sex: The Compensating Differential for Condom Use in Calcutta (Author: Vijayendra Rao, Indrani Gupta, Michael Lokshin, and Smarajit Jana) #2334
7. The Effect of Early Childhood Development Programs on Women's Labor Force Participation and Older Children's Schooling in Kenya (Author: Michael M. Lokshin, Elena Glinskaya, and Marito Garcia). #2376
8. Child Care and Women's Labor Force Participation in Romania (Author: Monica Fong and Michael Lokshin). #2400
9. Short-Lived Shocks with Long-Lived Impacts? Household Income Dynamics in a Transition Economy (Author: Michael Lokshin and Martin Ravallion). #2459
10. Household Schooling Decisions in Rural Pakistan (Author: Yasusuki Sawada and Michael Lokshin). #2541
11. Household Strategies for Coping with Poverty and Social Exclusion in Post-Crisis Russia (Authors: Michael M. Lokshin and Ruslan Yemtsov). #2556
12. Rich and Powerful? Subjective Power and Welfare (Authors: Martin Ravallion and Michael M. Lokshin). #2854
13. Wage Differentials and State-Private Sector Employment Choice in the Federal Republic of Yugoslavia (Authors: Michael M. Lokshin and Branko Jovanovic). #2959
14. Poverty and Economic Growth in Egypt, 1995–2000 (Authors: Heba El-Iaithy, Michael Lokshin, Arup Benerji). #3068
15. Gender and Poverty: A Life Cycle Approach to the Analysis of the Differences in Gender Outcomes (Authors: Lokshin, M., and T. Mroz). #3153
16. Evaluating the Impact of Infrastructure Rehabilitation Projects on Household Welfare in Rural Georgia (Authors: Lokshin, M., and R. Yemtsov). #3155
17. On the Utility Consistency of Poverty Lines (Authors: Ravallion M., and M. Lokshin). #3157
18. Robustness of Subjective Welfare Analysis in a Poor Developing Country: Madagascar 2001 (Authors: Lokshin M., Umopathy, N., and S. Paternostro). #3191
19. Gainers and Losers from Trade Reform in Morocco (Authors: Ravallion, M., and M. Lokshin). #3368
20. Lasting Local Impacts of an Economy-wide Crisis (Authors: Lokshin, M., and M. Ravallion). #3503
21. Who Bears the Cost of Russia's Military Draft? (Authors: Lokshin, M., and R. Yemtsov). #3547
22. Private-public wage differential and sectoral choice decision in India (Authors: Glinskaya, E., and M. Lokshin). #3574
23. Improving Child Nutrition Outcomes in India: Can the Integrated Child Development Service Be More Effective? (Authors: Das Gupta, M., Lokshin, M., Gragnolati, M., and O. Ivaschenko). #3647
24. Searching for the Economic Gradient in Self-Assessed Health (Authors: Michael Lokshin and Martin Ravallion). #3698
25. Who cares about relative deprivation? (Authors: Martin Ravallion and Michael Lokshin) #3782
26. Forgone Earnings from Smoking: Evidence for a Developing Country (Authors: Michael Lokshin and Kathleen Beegle). #4018
27. Measuring Welfare Gains from Better Quality Infrastructure (Authors: Irina Klytchnikova and Michael Lokshin). #4217
28. Work-related Migration and Poverty Reduction in Nepal. (Authors: Michael Lokshin, Mikhail

- Bonch-Osmolovski, Elena Glinskaya) #4231
29. Does Economic Research in Russia Follow the Scientific Method? (Author: Michael Lokshin) #4528
  30. The Effect of Male Migration for Work on Female Employment Patterns in Nepal. (Authors: Michael Lokshin and Elena Glinskaya) #4757
  31. Month of Birth and Children's Health in India. (Authors: Michael Lokshin and Sergiy Radyakin) #4813
  32. A Practical Comparison of the Bivariate Probit and Linear IV Estimators. (Authors: Richard Chiburis, Jishnu Das and Michael Lokshin) #5601
  33. Tall Claims: Mortality Selection and the Height of Children. (Authors: Harold Alderman, Michael Lokshin, Sergiy Radyakin) #5846
  34. Average and marginal returns to upper secondary schooling in Indonesia. (Authors: Carneiro, Pedro; Lokshin, Michael; Ridao-Cano, Cristobal; Umapathi, Nithin) #5878

### Other publications

- (2013) Lokshin, M, and E. Yemtsov, "Farewell Destitution?" Journal of the New Economic Association, New Economic Association, Vol. 18(2): 158-161, (in Russian)
- (2013) Lokshin, M, and E. Chernina "Migrants on the Russian Labor Market: Profile and Earnings", The HSE Economic Journal, Vol. 17(1): 41-74, (in Russian)
- (2008) Lokshin, M., "V boi idut odni bednyaki (Only the poor will fight)", Ogoniok, #14, 7-13, April 2008, (in Russian)
- (2008) Lokshin, M., Bonch-Osmolovskiy, M., and E. Glinskaya "Work-related Migration and Poverty Reduction in Nepal," World Bank Research Digest, Vol. 2(2): 5
- (2008) Lokshin, M., "Does Poverty Research in Russia Follow the Scientific Method?", ECA Poverty Team's newsletter, Issue 22
- (2007) Lokshin, M. and Z. Sajaia "The Economic Cost of Smoking in Russia," Beyond Transition, Vol. 18(1): 18-19
- (2007) Sawada, Y. and M. Lokshin "Obstacles to School Progression in Rural Pakistan: An Analysis of Gender and Sibling Rivalry Using Field Survey Data", Discussion paper F-484, Center for International Research on the Japanese Economy, University of Tokyo, Hongo, Bunkyo-Ku, Tokyo, Japan
- (2006) Ravallion, M. and M. Lokshin "Gainers and Losers from Trade Reform in Morocco", World Bank Middle East and North Africa Working Paper Series #37
- (2005) Lokshin, M. and R. Yemtsov "Who bears the cost of Russia's military draft?" Beyond Transition, Vol. 16(1): 22-23
- (2000) Lokshin, M., Glinskaya, E. and M. Garcia "The Effect of Early Childhood Development Programs on Women's Labor Force Participation and Older Children's Schooling in Kenya," Working Paper Series #15, Policy Research Report on Gender and Development
- (2000) Lokshin, M., "Effects of Child Care Prices on Women's Labor Force Participation in Russia," Working Paper Series #10, Policy Research Report on Gender and Development
- (1998) Balak, B., Lave, J. and M. Lokshin *The Macroeconomics CyberTutor, educational software application*, South-Western College Publishing, 1998.

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## SOFTWARE

STATA routines for applied econometric analysis

1. **GIDECOMPOSITION** growth-inequality poverty decomposition
2. **SEDECOMPOSITION** - sectoral decomposition of poverty changes
3. **GICURVE** - growth incidence curve
4. **POVROBUST** - stochastic dominance analysis
5. **MOVESTAY** - FIML algorithm to estimate the endogenous switching regression model
6. **OHECKMAN** - FIML algorithm to estimate selection model based on ordered probit
7. **BIOPROBIT** - FIML algorithm to estimate system of equations based on two ordered probits
8. **PLREG** - semi-parametric difference-based estimation of partial linear regression models (Yatchew).
9. **XML\_TAB** - program to save the outputs from Stata estimation procedures to xml format
10. **ROBINSON** - semi-parametric estimation of partial linear regression models using Robinson's method
11. **LIV** - semi-parametric estimation of Local Instrumental Variables models
12. **SWITCH\_PROBIT** - FIML estimation of the Binary Choice Models with Binary Endogenous Regressors.
13. **Computer Assisted Personal Interview system:** system of conducting complex surveys using tablet PCs. [www.worldbank.org/capi](http://www.worldbank.org/capi)
14. **ADePT** - software platform for automated economic analysis [www.worldbank.org/adept](http://www.worldbank.org/adept)

## Computer Center Project

Designed and created an Economic Research Computer Center (ERCC) for the research department of the World Bank.

## LANGUAGES

English: Fluent  
Russian: Native

## COMPUTER SKILLS

Statistical Packages: STATA, SAS, SPSS, LIMDEP, EViews, Mathematica  
Programming languages: Fortran, C#, C++, FoxPro

## COUNTRY EXPERIENCE

Azerbaijan	(PA; SP),	Nepal	(PA),
Armenia	(PA),	Pakistan,	
Albania,		Palestine,	(PA),
Bosnia	(PA),	Romania,	
Egypt	(PA),	Russia	(PA 2),
Gambia	(PA),	Serbia	(PA)
Georgia	(PA 2; SP),	Syria	(SP)
Hungary	(PA),	Thailand	
India,		Tajikistan	
Indonesia,		Ukraine	(PA; SP)
Israel		Yugoslavia	
Jordan	(SP),		
Kazakhstan	(PA),		
Kenya,			
Kyrgyz Republic	(PA),		
Latvia,			
Lebanon	(SP),		
Madagascar,			
Malawi,	(PA),		
Morocco	(PA),		