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Beyond the Crisis: Prospects for Emerging Europe

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Abstract

This paper assesses the impact of the 2008–2009 global financial and economic crisis on the medium-term growth prospects of the countries of Central and Eastern Europe, the Caucasus and Central Asia, which began an economic transition about two decades ago. We use cross-country growth regressions, putting special emphasis on a proper consideration of the crisis and robustness. We find that the crisis has had a major impact on the within-sample fit of the models used and that the positive impact of EU enlargement on growth is smaller than previous research has shown. The crisis has also altered the future growth prospects of the countries

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Notes

1. The CEECCA countries that formerly belonged to the political and economic sphere of the Soviet Union have a common historical root but are rather diverse. Ten countries are members of the European Union (Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia and Slovenia). Seven countries in the western Balkan are either EU accession candidates or potential candidates (Albania, Bosnia and Herzegovina, Croatia, the Former Yugoslav Republic of Macedonia, Montenegro, Serbia, and Kosovo under UNSC Resolution 1244/99, though we do not include Montenegro and

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to the Commonwealth of Independent States (CIS) and we shall refer them accordingly. Mongolia is also a transition country, while Turkey - another EU candidate - is not, but we also include it in our study due to its geographical proximity.

2. See extensive analyses of the development model of the CEECCA region and assessments of its future potential in [Bruegel and WIIW \(2010\)](#), [Cihák and Fonteyne \(2009\)](#), [Fabrizio et al. \(2009\)](#) and [Mitra et al. \(2009\)](#).
3. We should highlight that forecasts for many explanatory variables are not necessary because these explanatory variables represent initial conditions that lag some years compared to growth, though there are some contemporaneous correlates as well. When it is only the regressand, the growth rate of GDP, which contains a measurement error due to the adoption of forecasts, it boosts the standard error of the estimate but does not distort the unbiasedness of the regression.

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disorganisation among suppliers, producers and consumers associated with the central planning; second, the dissolution in 1990 of Comecon (Council for Mutual Economic Assistance), which governed trade relations across the Soviet bloc; third, difficulties of sectoral shifts in the presence of labour market imperfections; fourth, a switch from controlled to uncontrolled monopolistic structures in these economies; fifth, a credit crunch stemming from the reduction in state subsidies to firms and rise in real interest rates; and finally, tight macroeconomic policies may have played a role in the depth and length of the recession.

5. See [Veugelers \(2011\)](#) for a discussion of the different role of various factors for technological progress along the development path.
6. The cut-off values for the third country group, which are based on the average GDP per capita at PPP compared to the US in the 2000–2010 period, were determined on the basis of CEE10 countries. We calculated their

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to be able to analyse all CEECCA countries using the same model.

7. Multicollinearity among some variables may also explain the difficulties in finding a single best model. Note that multicollinearity affects the parameter estimates and their standard errors, but it does not reduce the predictive power or reliability of the model as a whole.
8. There are clear differences within the CEECCA region, however. The CEE10 have reached the highest level of integration, followed by the countries of the western Balkans that have either EU 'candidate' or 'potential candidate' status. The six 'Eastern Partnership' countries, which were part of the Soviet Union, have reached a varying degree of integration with the EU15, while integration was generally minor for most of the other former Soviet Union countries.
9. Unfortunately, it is difficult to collect reliable data on migration for a wide range of countries and time periods.

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70% of its 1989 value. [Böwer and Turrini \(2010\)](#) adopt a continuous variable to capture this effect and hence it is the closest to our variable: they define an ‘output loss’ variable as the ratio of current output to the average output during the period 1990–1995.

12. See detailed results of this exercise in [Table 1](#) of [Darvas \(2010b\)](#).

13. The sample period of [Böwer and Turrini \(2010\)](#) covers actual data till 2007 and the spring 2008 forecast of the European Commission for 2008.

14. The income thresholds we applied were defined in the section ‘Methodology and model selection issues’. We did not include the four EU15 countries falling within the thresholds (Greece, Italy, Portugal and Spain). The 44 countries are: Albania, Algeria, Argentina, Azerbaijan, Belarus, Bosnia/Herzegovina, Botswana, Brazil, Chile, Colombia, Costa Rica, Croatia, Dominican Republic, Ecuador, El Salvador,

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rapid economic growth was accompanied by growing internal and external vulnerabilities in several CEECCA countries, which would suggest a perverse relationship between vulnerabilities and economic growth.

16. Note that this close to zero cumulative growth from 2005 to 2010 is the product of high growth in 2006 and 2007 and a deep contraction from 2007 to 2010.

References

Abiad, A, Leigh, D and Mody, A . 2009: Financial integration, capital mobility, and income convergence. *Economic Policy*, 24 (58): 241–305.

Åslund, A and Jenish, N . 2006: The Eurasian growth paradox. Working paper no. 06-5, Peterson Institute for International Economics.

Berg, A, Borensztein, E, Sahay, R and Zettelmeyer, J . 1999: The evolution of output in transition economies: Explaining the differences. IMF Working paper no. 99/73.

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Torbjörn Becker, Daniel Daianu, Zsolt Darvas, Vladimir Gligorov, Michael Landesmann, Pavle Petrovic, Jean Pisani-Ferry, Dariusz Rosati, André Sapir and Weder Di Mauro, Bruegel Blueprint, Vol. XI.

Cerra, V and Saxena, SC. 2008: The myth of economic recovery. *The American Economic Review* 98 (1): 439-457.

Cihák, M and Fonteyne, W . 2009: Five years after: European Union membership and macro-financial stability in the new member states. IMF Working paper no. 09/68.

Darvas, Z . 2010a: Global financial crisis and growth prospects. EU 10 Regular Economic Report July 2010, World Bank, pp. 35-48.

Darvas, Z . 2010b: Beyond the crisis: prospects for emerging Europe. Bruegel Working paper 2010/6.

Durlauf, SN, Johnson, PA and Temple, JRW . 2005: Growth econometrics. Chapter 8 in: Aghion, P and Durlauf, SN (eds). *Handbook of*

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European Commission. 2010: European economic forecast – Autumn 2010. European Economy 7/2010, Directorate-General Economic and Financial Affairs of the European Commission.

Fabrizio, S, Leigh, D and Mody, A . 2009: The second transition: Eastern Europe in perspective. IMF Working paper 09/43.

Falcetti, E, Lysenko, T and Sanfey, P . 2006: Reforms and growth in transition: Re-examining the evidence. Journal of Comparative Economics 34 (3): 421-445.

Fischer, S . 2002: Ten years of transition: Looking back and looking forward. IMF Staff Papers, Vol. 48.

Hauk Jr., WR and Wacziarg, R . 2009: A Monte Carlo study of growth regressions. Journal of Economic Growth 14 (2): 103-147.

Iradian, G . 2009: What explains the rapid growth in transition economies? IMF Staff

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reform in Central and Eastern Europe and the former Soviet Union. Washington DC: World Bank, November 2009.

OECD. 2010: The impact of the economic crisis on potential output. WP1 Working document, February.

Schadler, S, Mody, A, Abiad, A and Leigh, D . 2006: Growth in the Central and Eastern European countries of the European Union. IMF Occasional paper no. 252.

Stock, J H, Wright, J H and Yogo, M . 2002: A survey of weak instruments and weak identification in generalized method of moments. Journal of Business and Economic Statistics 20 (4): 518-529.

Svejnár, J . 2006: Strategies for growth: Central and Eastern Europe. Conference Proceedings: The New Economic Geography: Effects and Policy Implications, The Federal Reserve Bank of Kansas city, Jackson hole, Wyoming, 24-26 August, pp. 205-233.

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