

After the death of inflation: will fiscal drag survive?

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Abstract

Declining inflation rates might have negative consequences for tax revenues. Phenomena such as the inflationary bracket creep in a progressive income tax system do not work any longer. With this background, the paper analyses the extent of fiscal drag for OECD countries since 1965. Some consideration of the role of money illusion and indexation in this context lays the theoretical base. A framework is presented that allows for the classification of fiscal structures with regard to the type of fiscal drag. The subsequent econometric panel analysis is performed for total and disaggregated government revenues. The results back theoretical considerations of inflation's impact on different kinds of taxes, which tends to be positive for individual income taxes and social security contributions and is negative for corporate income taxation. The paper concludes that both declining inflation and changing tax structures limit the potential for future fiscal drag.

REFERENCES

Akerlof, G. A., Dickens, W. T. and Perry, G. L. (1996), 'The macroeconomics of low inflation', *Brookings Papers on Economic Activity*, no. 1, pp. 1–76.

[Google Scholar](#)

Alesina, A. and Perotti, R. (1995), 'Fiscal expansions and adjustments in OECD countries', *Economic Policy*, vol. 21, pp. 205–48.

[Google Scholar](#)

Blankart, C. B. (1998), *öffentliche Finanzen in der Demokratie*, 3rd edition, Munich : Vahlen.

[Web of Science®](#) | [Google Scholar](#)

Gros, D. and Vandille, G. (1995), 'Seigniorage and EMU: the fiscal implications of price stability and financial market integration', *Journal of Common Market Studies*, vol. 33, pp. 175-96.

[Web of Science®](#) | [Google Scholar](#)

Hayo, B. (1996), 'Testing Wagner's Law for Germany: an exercise in applied time series analysis', *Jahrbücher für Nationalökonomie und Statistik*, vol. 215, pp. 328-43.

[Web of Science®](#) | [Google Scholar](#)

Jaksch, H. J. (1990), 'Die Inflationselastizität des Steueraufkommens in der deutschen Inflation von 1920/23', *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, vol. 110, pp. 93-113.

[Google Scholar](#)

Mueller, D. C. (1989), *Public Choice II*, Cambridge : Cambridge University Press.

[Web of Science®](#) | [Google Scholar](#)

Oates, W. E. (1988), 'On the nature and measurement of fiscal illusion: a survey', in G. Brennan, (ed.), *Taxation and Fiscal Federalism: Essays in Honour of Russel Mathews*, Canberra : Australian National University Press.

[Google Scholar](#)

Olivera, J. H. G. (1967), 'Money, prices and fiscal lags: a note on the dynamics of inflation', *Banca Nazionale del Lavoro Quarterly Review*, vol. 20, pp. 258-67.

[Google Scholar](#)

Padoa Schioppa Kostoris, F. (1993), 'Tax rates, progressivity and de facto fiscal indexation in ten European countries', in A. Heimler, (ed.), *Empirical Approaches to Fiscal Policy Modelling*, London : Chapman & Hall.

[Google Scholar](#)

Peacock, A. and Scott, A. (2000), 'The curious attraction of Wagner's Law', *Public Choice*, vol. 102, pp. 1-17.

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Persson, M., Persson, T. and Svensson, L. E. O. (1998), 'Debt, cash flow and inflation incentives: a Swedish example', in G. A. Calvo and M. A. King, (eds), *The Debt Burden and Its Consequences for Monetary Policy*, Basingstoke : Macmillan.

[Web of Science®](#) | [Google Scholar](#)

Phelps, E. S. (1973), 'Inflation in the theory of public finance', *Swedish Journal of Economics*, vol. 75, pp. 67–82.

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Sadka, E. (1991), 'An inflation-proof tax system', *IMF Staff Papers*, vol. 38, pp. 135–55.

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Schulze, G. G. and Ursprung, H. W. (1999), 'Globalisation of the economy and the nation state', *The World Economy*, vol. 22, pp. 295–352.

[Web of Science®](#) | [Google Scholar](#)

Shafir, E., Diamond, P. and Tversky, A. (1997), 'Money illusion', *Quarterly Journal of Economics*, vol. 112, pp. 341–74.

[Web of Science®](#) | [Google Scholar](#)

Steyn, W. and Fourie, F. C. v. N. (1996), 'The structure of personal income tax in times of inflation: a formula tax', *South African Journal of Economics*, vol. 64, pp. 259–77.

[Web of Science®](#) | [Google Scholar](#)

Tanzi, V. (1977), 'Inflation, lags in collection, and the real value of tax revenue', *IMF Staff Papers*, vol. 24, pp. 154–67.

[Web of Science®](#) | [Google Scholar](#)

Ursprung, T. and Wettstein, P. (1992), 'Die reale kalte Progression: ein totgeschwiegenes Phänomen', *Wirtschaftswissenschaftliches Zentrum der Universität Basel*, Discussion Paper no. 9206.

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