

THE FINANCIAL AND TAX EFFECTS OF MONETARY POLICY ON INTEREST RATES

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SUMMARY

Standard analysis of monetary policy effects on interest rates in terms of liquidity, income, and expectations effects is incomplete. After a change in monetary policy, substitution among securities will increase as time elapses and so reduce or eliminate financial effects caused by short-run financial market segmentation. Also, the standard expectations effect omits the transfer of income tax liability on that part of the interest payment representing a return of real capital. So a 1 percentage point increase in the expected inflation rate should increase the nominal interest rate by $1/(1 - \tau)$ percentage points, τ being the marginal tax rate.

REFERENCES

D. W. Baird, *Macroeconomics: An Integration of Monetary, Search, and Income Theories*. Chicago : Science Research Associates, 1973.

[Google Scholar](#)

P. Cagan, *The Channels of Monetary Effects on Interest Rates*. New York : Columbia University Press, 1972.

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

P. Cagan and A. Gandolfi, "The Lag in Monetary Policy as Implied by the Time Pattern of Interest Rates," *American Economic Review*, 59 (May 1969), 277-84.

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

M. R. Darby, "The Allocation of Transitory Income Among Consumer Assets," *American Economic Review*, 62 (December 1972), 928-41.

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

M. R. Darby, "Rational Expectations Under Conditions of Costly Information," *Journal of Finance*, forthcoming.

[PubMed](#) | [Google Scholar](#)

I. Fisher, "Appreciation and Interest," *Publications of the American Economic Association*, 2 (August 1896), 331-442.

[PubMed](#) | [Google Scholar](#)

I. Fisher, "A Statistical Relation Between Unemployment and Price Changes," *International Labor Review*, 13 (June 1926), 785-92. Reprinted as "I Discovered the Phillips Curve." *Journal of Political Economy*, 81 (March/April 1973), 496-502.

[Google Scholar](#)

I. Fisher, *The Theory of Interest*. New York : Macmillan, 1930.

[Google Scholar](#)

M. Friedman, "Factors Affecting the Level of Interest," in *Saving and Residential Financing: 1968 Conference Proceedings*, D. P. Jacobs and R. T. Pratt, eds. Chicago : United States Savings and Loan League, 1968.

[Google Scholar](#)

W. E. Gibson, "Interest Rates and Inflationary Expectations: New Evidence," *American Economic Review*, 62 (December 1972), 854-65.

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

W. E. Gibson, "Interest Rates and Monetary Policy," *Journal of Political Economy*, 78 (May/June 1970), 431-55.

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

W. E. Gibson, "The Lag in the Effect of Monetary Policy on Income and Interest Rates," *Quarterly Journal of Economics*, 84 (May 1970), 288-300.

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

W. E. Gibson, "Price-Expectations Effects on Interest Rates," *Journal of Finance*, 25 (March 1970), 19-34.

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

W. E. Gibson and G. G. Kaufman, "The Sensitivity of Interest Rates to Changes in Money and Income," *Journal of Political Economy*, 76 (May/June 1968), 472-78.

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

H. G. Johnson, "Money in a Neo-Classical One-Sector Growth Model," *Essays in Monetary Economics*. London : George Allen & Unwin, 1967.

[Google Scholar](#)

G. G. Kaufman, *Money, the Financial System and the Economy*. Chicago : Rand McNally, 1973.

[Google Scholar](#)

B. Klein, "Competitive Interest Payments on Bank Deposits and the Long-Run Demand for Money," *American Economic Review*, **64**, (December 1974), 931–49.

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

B. Klein, "The Payment of Interest on Commercial Bank Deposits and the Price of Money: A Study of the Demand for Money," Ph. D. dissertation, Univ. of Chicago, 1970.

[Google Scholar](#)

A. H. Meltzer, "Money, Intermediation, and Growth," *Journal of Economic Literature*, **7** (March 1969), 27–56.

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

L. A. Metzler, "Wealth, Saving, and the Rate of Interest," *Journal of Political Economy*, **59** (April 1951), 93–116.

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

R. A. Mundell, "Inflation and Real Interest," *Journal of Political Economy*, **71** (June 1963), 622–26.

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

R. A. Mundell, "The Public Debt, Corporate Income Taxes and the Rate of Interest," *Journal of Political Economy*, **68** (December 1960), 622–26.

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

S. Peltzman, "The Structure of the Money-Expenditures Relationship," *American Economic Review*, **59** (March 1969), 129–37.

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

A. W. Phillips, "The Relation Between Unemployment and the Rate of Change of Money Wage Rates in the United States Kingdom, 1861–1957," *Economica*, **25** (November 1958), 283–99.

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

T. J. Sargent, "Anticipated Inflation and the Nominal Rate of Interest," *Quarterly Journal of Economics*, **86** (May 1972), 212–26.

T. J. Sargent, "Commodity Price Expectations and the Interest Rate," *Quarterly Journal of Economics*, 83 (February 1969), 127-40.

T. J. Sargent, "Rational Expectations, the Real Rate of Interest, and the Natural Rate of Unemployment," *Brookings Papers on Economic Activity*, No. 2, 1973, 429-80.

B. W. Sprinkel, *Money and Markets*. Homewood, Ill. : Irwin, 1971.

F. G. Steindl, "Price Expectations and Interest Rates," *Journal of Money, Credit, and Banking*, 5 (November 1973), 939-49.

J. Tobin, "Money and Economic Growth," *Econometrica*, 33 (October 1965), 671-84.

S. Turnovsky, "Empirical Evidence on the Formation of Price Expectations," *Journal of the American Statistical Association*, 65 (December 1970), 1441-54.

W. P. Yohe and D. S. Karnosky, "Interest Rates and Price Level Changes, 1952-69," *Federal Reserve Bank of St. Louis Review*, 51 (December 1969), 18-29.

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