Menu

Search

Cart

<u>Home</u> > <u>Money</u> > Chapter

Quantity Theory of Money

Chapter

pp 1-40 | Cite this chapter



Money

Milton Friedman

Part of the book series: The New Palgrave ((NPA))

646 Accesses 39 Citations 11 Altmetric

Abstract

In this survey, we shall first present a formal statement of the quantity theory, then consider the Keynesian challenge to the quantity theory, recent developments, and some empirical evidence. We shall conclude with a discussion of policy implications, giving special attention to the likely implications of the worldwide fiat money standard that has prevailed since 1971.

Lowness of interest is generally ascribed to plenty of money. But... augmentation [in the quantity of money] has no other effect than to heighten the price of labour

and commodities... In the progress toward these changes, the augmentation may have some influence, by exciting industry, but after the prices are settled... it has no manner of influence.

[T]hough the high price of commodities be a necessary consequence of the increase of gold and silver, yet it follows not immediately upon that increase; but some time is required before the money circulates through the whole state In my opinion, it is only in this interval of intermediate situation, between the acquisition of money and rise of prices, that the increasing quantity of gold and silver is favourable to industry [W]e may conclude that it is of no manner of consequence, with regard to the domestic happiness of a state, whether money be in greater or less quantity. The good policy of the magistrate consists only in keeping it, if possible, still increasing ...

(David Hume, 1752).

This is a preview of subscription content, <u>log in via an institution</u> to check access.

Access this chapter Log in via an institution→ A eBook EUR 24.99 Price includes VAT (Poland) Available as PDF Read on any device Instant download Own it forever Buy eBook→

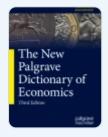
Purchases are for personal use only

Institutional subscriptions →

Preview

Unable to display preview. <u>Download preview PDF.</u>

Similar content being viewed by others



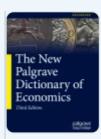
Quantity Theory of Money

Chapter © 2018



The Quantity Theory of Money Angell, James Waterhouse in Year Six After the Subprime (1898–1986) **Mortgage Crisis**

Chapter © 2013



Chapter © 2018

Bibliography

Angell, J.W. 1936. The Behaviour of Money. New York: McGraw-Hill.

Google Scholar

Bagehot, W. 1873. Lombard Street. London: Henry S. King; reprint of the 1915 edn, New York: Arno Press, 1969.

Google Scholar

Barnett, W.A., Offenbacher, E.K. and Spindt, P.A. 1984. The new Divisia monetary aggregates. Journal of Political Economy 92(6), December, 1049-85.

Baumol, W.J. 1952. The transactions demand for cash: an inventory theoretic approach. *Quarterly Journal of Economics* 66, November, 545–56.

Article Google Scholar

Black, F. 1970. Banking and interest rates in a world without money: the effects of uncontrolled banking, *Journal of Bank Research* 1(3), Autumn, 2–20.

Google Scholar

Black, H. 1975. The relative importance of determinants of the money supply: the British case. *Journal of Monetary Economics* 1(2), April, 25–64.

Article Google Scholar

Bordo, M.D. and Schwartz, A.J. (eds) 1984. *A Retrospective on the Classical Gold Standard*, 1821–1931. Chicago: University of Chicago Press for the National Bureau of Economic Research.

Google Scholar

Burger, A.E. 1971. The Money Supply Process. Belmont: Wadsworth.

Google Scholar

Cagan, P. 1965. *Determinants and Effects of Changes in the Stock of Money*, 1875–1960. New York: Columbia University Press for the National Bureau of Economic Research.

Google Scholar

Cagan, P. 1972. *The Channels of Monetary Effects on Interest Rates*. New York: National Bureau of Economic Research.

Cairnes, J.E. 1873. Essays on the gold question. In J.E. Cairnes, *Essays in Political Economy*, London: Macmillan.

Google Scholar

Cipolla, C.M. 1956. *Money, Prices, and Civilization in the Mediterranean World, Fifth to Seventeenth Century*. Princeton: Princeton University Press.

Google Scholar

Commission on the Role of Gold in the Domestic and International Monetary Systems. 1982. *Report to the Congress*, March. Washington, D.C.: The Commission.

Google Scholar

Duck, N.W. 1985. Money, output and prices: an empirical study using long-term cross country data. Working Paper, University of Bristol, September.

Google Scholar

Fama, E.F. 1980. Banking in the theory of finance. *Journal of Monetary Economics* 6(1), January, 39–57.

Article Google Scholar

Feavearyear, A.E. 1931. *The Pound Sterling: a History of English Money*. 2nd edn, Oxford: Clarendon Press, 1963.

Google Scholar

Fischer, S. (ed.) 1980. *Rational Expectations and Economic Policy*. Chicago: University of Chicago Press for the National Bureau of Economic Research.

Fisher, I. 1896. *Appreciation and Interest*. New York: American Economic Association.

Google Scholar

Fisher, I. 1911. *The Purchasing Power of Money*. 2nd revised edn, 1926; reprinted New York: Kelley, 1963.

Google Scholar

Fisher, I. 1919. Money, prices, credit and banking. *American Economic Review* 9, June, 407–9.

Google Scholar

Frenkel, J.A. 1976. Adjustment mechanisms and the monetary approach to the balance of payments. In *Recent Issues in International Monetary Economics*, ed. E. Claassen and P. Salin, Amsterdam: North-Holland.

Google Scholar

Frenkel, J.A. and Johnson, H.G. 1976. The monetary approach to the balance of payments: essential concepts and historical origins. In *The Monetary Approach to the Balance of Payments*, ed. J.A. Frenkel and H.G. Johnson, Toronto: University of Toronto Press.

Google Scholar

Friedman, M. 1956. The quantity theory of money — a restatement. In *Studies in the Quantity Theory of Money*, ed. M. Friedman, Chicago: University of Chicago Press.

Google Scholar

Friedman, M. 1957. *A Theory of the Consumption Function*. Princeton: Princeton University Press for the National Bureau of Economic Research.

Google Scholar

Friedman, M. 1959. The demand for money: some theoretical and empirical results. *Journal of Political Economy* 67, August, 327–51. Reprinted as Occasional Paper No. 68, New York: National Bureau of Economic Research, and in Friedman (1969).

Google Scholar

Friedman, M. 1960. *A Program for Monetary Stability*. New York: Fordham University Press.

Google Scholar

Friedman, M. 1961. The lag in effect of monetary policy. *Journal of Political Economy* 69, October, 447–66. Reprinted in Friedman (1969).

Article Google Scholar

Friedman, M. 1968. The role of monetary policy. *American Economic Review* 58(1), March, 1–17. Reprinted in Friedman (1969).

Google Scholar

Friedman, M. 1969. *The Optimum Quantity of Money and Other Essays*. Chicago: Aldine.

Google Scholar

Friedman, M. 1977. Inflation and unemployment (Nobel lecture). *Journal of Political Economy* 85(3), June, 451–72.

Friedman, M. 1984. Monetary policy for the 1980s. In *To Promote Prosperity: U.S. domestic policy in the mid-1980s*, ed. J.H. Moore, Stanford: Hoover Institution Press.

Google Scholar

Friedman, M. and Schwartz, A.J. 1963a. Money and business cycles. *Review of Economics and Statistics* 45(1), Supplement, February, 32–64. Reprinted in Friedman (1969).

Article Google Scholar

Friedman, M. and Schwartz, A.J. 1963b. *A Monetary History of the United States,* 1867–1960. Princeton: Princeton University Press for the National Bureau of Economic Research.

Google Scholar

Friedman, M. and Schwartz, A.J. 1970. *Monetary Statistics of the United States*. New York: Columbia University Press for the National Bureau of Economic Research.

Google Scholar

Friedman, M. and Schwartz, A.J. 1982. *Monetary Trends in the United States and the United Kingdom: Their Relation to Income, Prices, and Interest Rates, 1867–1975*. Chicago: University of Chicago Press for the National Bureau of Economic Research.

Book Google Scholar

Friedman, M. and Schwartz, A.J. 1986. Has government any role in money? *Journal of Monetary Economics* 17(1), January 37–62.

Gordon, R.J. 1980. A consistent characterization of a near-century of price behavior. *American Economic Review* 70(2), May, 243–49.

Google Scholar

Gordon, R.J. 1981. Output fluctuations and gradual price adjustment. *Journal of Economic literature* 19(2), June, 493–530.

Google Scholar

Gordon, R.J. 1982. Price inertia and policy ineffectiveness in the United States, 1890–1980. *Journal of Political Economy* 90(6), December, 1087–117.

Article Google Scholar

Greenfield, R.L. and Yeager, L.B. 1983. A laissez-faire approach to monetary stability. *Journal of Money, Credit, and Banking* 15(3), August, 302–15.

Article Google Scholar

Haberler, G. 1941. *Prosperity and Depression*. 3rd edn, Geneva: League of Nations; 3rd edn, Lake Success, New York: United Nations, 1946.

Google Scholar

Hall, R.E. 1982a. Explorations in the gold standard and related policies for stabilizing the dollar. In *Inflation: Causes and Effects*, ed. R.E. Hall, Chicago: University of Chicago Press.

Google Scholar

Hall, R.E. 1982b. 'Monetary trends in the United States and the United Kingdom': a review from the perspective of new developments in monetary economics. *Journal of Economic Literature* 20(4), December, 1552–6. Hamilton, E.J. 1934. *American Treasure and the Price Revolution in Spain, 1501–1650*. Harvard Economic Studies, Vol. 43, New York: Octagon, 1965.

Google Scholar

Hansen, A. 1957. The American Economy. New York: McGraw-Hill.

Google Scholar

Hayek, F.A. 1976. *Denationalization of Money*. 2nd extended edn, London: Institute of Economic Affairs, 1978.

Google Scholar

Hume, D. 1752. Of interest; of money. In *Essays, Moral, Political and Literary*, Vol. 1 of *Essays and Treatises*, a new edn, Edinburgh: Bell and Bradfute, Cadell and Davies, 1804.

Google Scholar

Humphrey, T.M. 1984. Algebraic quantity equations before Fisher and Pigou. *Economic Review*, Federal Reserve Bank of Richmond 70(5), September-October, 13–22.

Google Scholar

Ihori, T. 1985. On the welfare cost of permanent inflation. *Journal of Money, Credit, and Banking* 17(2), May, 220–31.

Article Google Scholar

Jevons, W.S. 1863. A serious fall in the value of gold. In *Investigations in Currency and Finance*, 2nd edn, London: Macmillan, 1909; New York: A.M. Kelley, 1964.

Johnson, H.G. 1961. *The General Theory* after twenty-five years. *American Economic Association, Papers and Proceedings* 51, May, 1–17.

Google Scholar

Judd, J.P. and Scadding, J.L. 1982. The search for a stable money demand function. *Journal of Economic Literature* 20(3), September, 993–1023.

Google Scholar

Keynes, J.M. 1923. *A Tract on Monetary Reform*. Reprinted London: Macmillan for the Royal Economic Society, 1971; New York: St. Martin's Press.

Google Scholar

Keynes, J.M. 1936. *The General Theory of Employment, Interest, and Money*. Reprinted London: Macmillan for the Royal Economic Society, 1973; New York: Harcourt, Brace.

Google Scholar

Knoester, A. 1984. Pigou and buffer effects in monetary economics. Discussion Paper 8406 G/M, Institute for Economic Research, Erasmus University, Rotterdam.

Google Scholar

Laidler, D. 1984. The 'buffer stock' notion in monetary economics. *Economic Journal* 94, Supplement, 17–34.

Article Google Scholar

Laidler, D. 1985. The Demand for Money: theories, evidence, and problems. 3rd

edn, New York: Harper & Row.

Google Scholar

Lothian, J.R. 1985. Equilibrium relationships between money and other economic variables. *American Economic Review* 75(4), September, 828–35.

Google Scholar

Lucas, R.E., Jr. 1976. Econometric policy evaluation: a critique. *Journal of Monetary Economics* supplementary series 1, 19-46.

Google Scholar

Lucas, R.E., Jr. 1981. Tobin and monetarism: a review article. *Journal of Economic Literature* 19(2), June, 558–67.

Google Scholar

Lucas, R.E., Jr. and Sargent, T.J. (eds.) 1981. *Rational Expectations and Economic Practice*. 2 vols, Minneapolis: University of Minnesota Press.

Google Scholar

McCallum, B. 1985. Bank deregulation, accounting systems of exchange and the unit of account: a critical review. *Carnegie-Rochester Conference Series on Public Policy* 23, Autumn.

Google Scholar

McKinnon, R. 1984. *An International Standard for Monetary Stabilization*. Cambridge, Mass: MIT Press.

Google Scholar

Meiselman, D. (ed.) 1970. *Varieties of Monetary Experience*. Chicago: University of Chicago Press.

Google Scholar

Mill, J.S. 1844. Review of books by Thomas Tooke and R. Torrens. *Westminster Review*, June.

Google Scholar

Miller, M.H. and Orr, D. 1966. A model of the demand for money by firms. *Quarterly Journal of Economics* 80(3), August, 413–35.

Article Google Scholar

Miller, M.H. and Orr, D. 1968. The demand for money by firms: extensions of analytical results. *Journal of Finance* 23(5), December, 735–59.

Article Google Scholar

Modigliani, F. 1977. The monetarist controversy, or should we forsake stabilization policies? *American Economic Review* 67(2), March, 1–19.

Google Scholar

Mussa, M. 1977. The welfare cost of inflation and the role of money as a unit of account. *Journal of Money, Credit, and Banking* 9(2), May, 276–86.

Article Google Scholar

Muth, J.F. 1961. Rational expectations and the theory of price movements. *Econometrica* 29, July, 315–35. Reprinted in Lucas and Sargent (1981).

Newcomb, S. 1885. *Principles of Political Economy*. New York: Harper & Brothers.

Google Scholar

Patinkin, D. 1948. Price flexibility and full employment. *American Economic Review* 38, September, 543–64.

Google Scholar

Revised and reprinted in F.A. Lutz and L.W. Mints (American Economic Association), *Readings in Monetary Theory*, Homewood, Ill.: Irwin, 1951.

Google Scholar

Phelps, E.S. 1967. Phillips curves, expectations of inflation, and optimal unemployment over time. *Economica* 34(135), August 254–81.

Article Google Scholar

Pigou, A.C. 1917. The value of money. *Quarterly Journal of Economics* 32, November, 38–65.

Article Google Scholar

Reprinted in F.A. Lutz and L.W. Mints (American Economic Association), *Readings* in *Monetary Theory*, Homewood, Ill.: Irwin, 1951.

Google Scholar

Pigou, A.C. 1947. Economic progress in a stable environment. *Economica* 14(55), August, 180–88.

Sargent, T.J. 1982. The ends of four big inflations. In *Inflation: Causes and Effects*, ed. R.E. Hall, Chicago: University of Chicago Press.

Google Scholar

Snyder, C. 1934. On the statistical relation of trade, credit, and prices. *Revue de l'Institut International de Statistique* 2, October, 278–91.

Article Google Scholar

Spindt, P.A. 1985. Money is what money does: monetary aggregation and the equation of exchange. *Journal of Political Economy* 93(1), February, 1975–2204.

Article Google Scholar

Tobin, J. 1947. Money wage rates and employment. In *The New Economics*, ed. S. Harris, New York: Knopf.

Google Scholar

Tobin, J. 1956. The interest-elasticity of transactions demand for cash. *Review of Economics and Statistics* 38, August, 241–47.

Article Google Scholar

Tobin, J. 1958. Liquidity preference as behavior toward risk. *Review of Economic Studies* 25, February, 65–86.

Article Google Scholar

Tobin, J. 1961. Money, capital and other stores of value. *American Economic Review, Papers and Proceedings* 51, May, 26–37.

Google Scholar

Tobin, J. 1974. Friedman's theoretical framework. In *Milton Friedman's Monetary Framework: a Debate with His Critics*, ed. R.J. Gordon, Chicago: University of Chicago Press.

Google Scholar

White, L.H. 1984a. *Free Banking in Britain: Theory, Experience and Debate,* 1800–1845. New York: Cambridge University Press.

Google Scholar

White, L.H. 1984b. Competitive payments systems and the unit of account. *American Economic Review* 74(4), September, 699–712.

Google Scholar

Editor information

John Eatwell Murray Milgate Peter Newman

Copyright information

© 1989 Palgrave Macmillan, a division of Macmillan Publishers Limited

About this chapter

Cite this chapter

Friedman, M. (1989). Quantity Theory of Money. In: Eatwell, J., Milgate, M., Newman, P. (eds) Money. The New Palgrave. Palgrave Macmillan, London. https://doi.org/10.1007/978-1-349-19804-7_1

<u>.RIS</u> <u>.ENW</u> <u>.BIB</u> <u>↓</u>

DOI Publisher Name Print ISBN

https://doi.org/10.1007/978-1-Palgrave Macmillan, London 978-0-333-49527-8 349-19804-7_1 eBook Packages Online ISBN 978-1-349-19804-7 Palgrave Economics & Finance Collection Economics and Finance (R0) Publish with us Policies and ethics [7 Search Search by keyword or author **Navigation** Find a journal **Publish with us** Track your research