Australian Economic Review / Volume 17, Issue 4 / p. 34-56

New Economic Indicators for Australia, 1949-84

Ernst. A. Boehm, Geoffrey H. Moore

First published: December 1984

https://doi.org/10.1111/j.1467-8462.1984.tb00473.x

Citations: 30

Abstract

This article attempts to identify and describe the main characteristics of Australia'a business cycles during the period 1949 to 7984 with the aid of leading, coincident, and lagging indicators, using the methodology of the International Economic Indicator project at the Center for International Business Cycle Research, Columbia University, New York.

The methodology to identify Australia's classical cycle and growth cycle chronologies is discussed. Reviews are made of the lead-lag patterns of, first, both chronologies in relation to the specific cycles of the individual coincident indicators, and second, the growth chronology in relation to the leading and lagging indicators.

Australia's growth cycle chronology is compared with the chronology of other countries, notably of United States, United Kingdom, and Japan. The general uses of an indicator analysis are reviewed. An appendix compares the reference cycle chronologies previously available for Australia and the indicators used to obtain them.

References

~

Auerbach, A. J. (1982), 'The Index of Leading Indicators: "Measurement Without Theory", Thirty-Five Years Later', *Review of Economics and Statistics* **64**, (4), November, 589–95.

Web of Science® Google Scholar

Australian Bureau of Statistics (1978a), 'Growth Cycle Analysis', Canberra; cyclostyled.

Google Scholar

Australian Bureau of Statistics (1978b), 'Cyclical Analysis of Australian Econome Indicator Time Series', Paper presented to Fourth Australian Statistical Society Conference, Canberra; cyclostyled.

Google Scholar

Barry, P. F. and Guille, C. W. (1976), 'The Australian Business Cycle and International Cyclical Linkages, 1959–1974', *Economic Record* **52**, (138), June, 137–65.

Web of Science® Google Scholar

Beck, M. T., Bush, M. G. and Hayes, R. W. (1973), *The Indicator Approach to the Identification of Business Cycles*, Reserve Bank of Australia, Occasional Paper No. 2, Sydney.

Google Scholar

Beguelin, J. P. (1980), 'An International Comparison of Business Cycles', CIBCR (Center for International Business Cycle Research), Rutgers University; cyclostyled.

Google Scholar

Boehm, E. A. (1981), 'Boom and Recession 1959–1961', in M. Grant (ed.), *Readings in Economics*, Halgreen Publishing Company, Melbourne, 141–54.

Google Scholar

Boehm, E. A. (1982), 'Understanding Business Cycles: A Critical Review of Theory and Fact', Paper presented to Eleventh Conference of Economists, Flinders University, August.

Google Scholar

Boehm, E. A. (1983), 'The Price-Cost Cycle and the Business Cycle', Research Paper No. 93, Department of Economics, University of Melbourne, May.

Google Scholar

Boehm, E. A. and Defris, L. V. (1977), 'Recurring Periods of Plateau Slumps and Sluggish Recoveries in the Australian Economy: 1950 to 1976', *Australian Economic Review*, 1st Quarter, 53–60.

Google Scholar

Boehm, E. A. and Defris, L.V. (1982), 'The Australian Reference Cycle: 1950–1980', *Australian Economic Review*, 1 st Quarter, 63–7.

Google Scholar

Boehm, E. A. and Moore, G. H. (1982), 'The Indicator Approach to Understanding Australian Economic Fluctuations 1950–80', Paper presented to Section 24: Economics, 52nd ANZAAS Congress, Macquarie University, 10–14 May 1982; reissued as Research Paper No. 94, University of Melbourne, May 1983.

Google Scholar

Boschan, C. and Ebanks, W. E. (1978), 'The Phase-Average Trend; A New Way of Measuring Economic Growth', *Proceedings of American Statistical Association*, Business and Economic Statistics Section Annual Meeting, 14–17 August, San Diego, 332–5.

Google Scholar

M. Bronfenbrenner (Ed.) (1969), Is the Business Cycle Obsolete?, Interscience, New York.

Google Scholar

Bry, G. and Boschan, C. (1971), *Cyclical Analysis of Time Series: Selected Procedures and Computer Programs*, NBER, New York .

Google Scholar

Burns, A. F. and Mitchell, W. C. (1946), *Measuring Business Cycles*, NBER, New York.

Google Scholar

Bush, M. G. and Cohen, A. M. (1968), *The Indicator Approach to the Identification of Business Cycles*, Reserve Bank of Australia, Occasional Paper No. 2, Sydney.

Google Scholar

Confederation of Australian Industry (CAI) and Westpac (Banking Corporation) (1984), 'Survey of Industrial Trends', September and earlier issues.

Google Scholar

Cullity, J. P. (1980), 'The Strategic Importance of Lagging Indicators', CIBCR, Rutgers University; cyclostyled.

Google Scholar

Defris, L. V. (1975), 'Leading Australian Cyclical Indicators, 1960–1975', *Australian Economic Review*, 4th Quarter, 37–42.

Google Scholar

Haywood, E. (1973), 'The Deviation Cycle: A New Index of the Australian Business Cycle 1950–1973', *Australian Economic Review*, 4th Quarter, 31–9.

Google Scholar

Haywood, E. (1977), 'Economic Fluctuations: Australia and Its States 1950–72', unpublished Ph.D. Thesis, University of Melbourne.

Google Scholar

Hicks, J. R. (1950), A Contribution to the Theory of the Trade Cycle, Clarendon Press, Oxford.

Google Scholar

Kaish, S. (1982), 'A Note on Dating the Canadian Growth Cycle', *Canadian Journal of Economics* **15**, May, 363–8.

Web of Science® Google Scholar

Kennedy, R. V. (1968), 'Consumption and Trade Cycles: An Empirical Study of Australian Data Including A Derived Quarterly Series of National Accounts Estimates from 1950/51', vol. 2, unpublished M.Com. Thesis, University of Melbourne, 413–55.

Google Scholar

Kennedy, R. V. (1970), 'The Meaning and Measurement of Potential Gross National Product in Australia', *Economic Record* **46**, (115), 341–54.

Web of Science® Google Scholar

Klein, P. A. (1976), *Business Cycles in the Postwar World: Some Reflections on Recent Experience*, American Enterprise Institute, Washington , D.C .

Google Scholar

Klein, P. A. (1981), 'Analysing Growth Cycles in Post-War Sweden', CIBCR, Rutgers University; cyclostyled.

Google Scholar

Klein, P. A. and Moore, G. H. (1979), 'A Growth Cycle Chronology for Postwar Italy', CIBCR, Rutgers University; cyclostyled.

Google Scholar

Klein, P. A. and Moore, G. H. (1983), 'The Leading Indicator Approach to Economic Forecasting-Retrospect and Prospect', *Journal of forecasting* **2**, (2), April-June, 119–35.

Web of Science® Google Scholar

Licari, J. A. and Gilbert, M. (1974), 'Is There a Postwar Growth Cycle', Kyklos 27, 511–20.

Web of Science® Google Scholar

Mallyon, J. S. (1966), 'Statistical Indicators of the Australian Trade Cycle', *Australian Economic Papers* **5**, (1), June, 1–20.

Web of Science® Google Scholar

Mallyon, J. S. (1968), Short-Term Forecasting in Australia, paper presented to Section G, ANZAAS, Christchurch.

Google Scholar

G. H. Moore (Ed.) (1961), Business Cycle Indicators, 2 vols. Princeton University Press, Princeton .

Google Scholar

Moore, G. H. (1978), 'Memorandum on the Classification of International Economic Indicators NBER, January; cylostyled.

Google Scholar

Moore, G. H. (1980a), Business Cycles, Inflation and Forecasting, Ballinger, Cambridge, Massachusetts.

Google Scholar

Moore, G. H. (1980b), 'The Case for International Business Cycle Research', *Atlantic Economic Journal* **8**, (3), September, 5–6.

Web of Science® Google Scholar

Moore, G. H. (1983), *Business Cycles, Inflation and Forecasting*, 2nd revised edn., Ballinger, Cambridge, Massachusetts.

Google Scholar

Moore, G. H. and Klein, P. A. (1977), 'Monitoring Business Cycles at Home and Abroad', United States Department of Commerce, National Technical Information Service, PB283997 / A5, August.

Google Scholar

Moore, G. H. and Zarnowitz, V. (1984), 'The Development and Role of the National Bureau's Business Cycle Chronologies', Paper presented to NBER Conference on Business Cycles, March, Dorado Beach, Puetro Rico (revised May 1984).

Google Scholar

United States Department of Commerce (1977), *Handbook of Cyclical Indicators: A Supplement to the Business Conditions Digest*, May, 73–6.

Google Scholar

Vaccara, B. N. and Zarnowitz, V. (1977), 'How Good Are the Leading Indicators?', *Proceedings of Business and Economic Statistics Section of American Statistical Association* **2**, 41–50.

Google Scholar

Waterman, A. M. C. (1967), 'The Timing of the Economic Fluctuations in Australia: January 1948 to December 1964', *Australian Economic Papers* **6**, (8), June, 77–102.

Web of Science® Google Scholar

Waterman, A. M. C. (1972), *Economic Fluctuations in Australia*, 1948 to 1964, Australian National University Press, Canberra .

Google Scholar

Weller, B. R. (1979), 'Usefulness of the Newly Revised Composite Index of Leading Indicators as a Quantitative Predictor', *Journal of Macroeconomics* 1, (1), Winter, 141–7.

Google Scholar

Zarnowitz, V. (1981), 'Business Cycles and Growth: Some Reflections and Measures', Reprint No. 222, NBER, New York, 475–508.

Google Scholar

Zarnowitz, V. and MOore, G. H. (1982), 'Sequential Signals of Recession and Recovery', *Journal of Business* **55**, January, University of Chicago, 57–85.

Web of Science® Google Scholar

Citing Literature

•

Download PDF

ABOUT WILEY ONLINE LIBRARY

Privacy Policy
Terms of Use
About Cookies
Manage Cookies
Accessibility

Wiley Research DE&I Statement and Publishing Policies

Developing World Access

HELP & SUPPORT

Contact Us
Training and Support
DMCA & Reporting Piracy

OPPORTUNITIES

Subscription Agents
Advertisers & Corporate Partners

CONNECT WITH WILEY

The Wiley Network
Wiley Press Room

Copyright © 1999-2025 John Wiley & Sons, Inc or related companies. All rights reserved, including rights for text and data mining and training of artificial intelligence technologies or similar technologies.

