# BART VAN ARK - PUBLICATIONS (UNTIL DECEMBER 2020)

Note: This publication list only includes academic and semi-academic publications. A separate record of (co-)authored publications, videos and podcasts from The Conference Board can be obtained here.

## Contents

Journal articles	
Contributions to Books	5
Reprints	9
Books and Edited Volumes	
(Co-)authored reports	
Working Papers	
Blogs, Op-eds, etc	
Bookreviews	

## Journal articles

(in reverse chronological order)

- \* Bart van Ark and Anthony Venables (2020), <u>A Concerted Effort to Tackle the UK Productivity Puzzle</u>, International Productivity Monitor, Centre for the Study of Living Standards, vol. 39, pages 3-15, Fall.
  - Bart van Ark, Klaas de Vries and Kirsten Jäger (2018), <u>Is Europe's Productivity Glass Half Full</u> or <u>Half Empty</u>?, *Intereconomics*, Review of European Economic Policy, No. 2, March/April, pp. 53-58.
- \* Bart van Ark and K. Jäger (2017), <u>Recent Trends in Europe's Output and Productivity Growth Performance at the Sector Level</u>, *International Productivity Monitor*, No. 33, Fall, pp. 8-23.
  - Bart van Ark (2016), <u>The Productivity Paradox of the New Digital Economy</u> *International Productivity Monitor*, No. 31, Fall, pp. 1-15
- \* Bart van Ark (2015), Productivity and Digitalization in Europe: Paving the Road to Faster Growth, <u>Digiworld Economic Journal</u> (Communications & Strategies), No. 100, 4th quarter, pp. 107-124.
  - Bart van Ark (2014), <u>Priorities and Directions for Future Productivity Research: The Need for Historical Perspective</u>, <u>International Productivity Monitor</u>, Fall, pp. 17-19.
  - Bart van Ark, Vivian Chen, and Kirsten Jäger (2013), <u>European Productivity Growth Since 2000</u> and <u>Future Prospects</u>, *International Productivity Monitor*, Spring, pp. 65-83.
  - Bart van Ark (2011), Up the Hill and Down Again: A History of Europe's Productivity Gap Relative to the United States, *Nordic Economic Policy Review*, No. 2, pp. 7-56.
  - Marcel P. Timmer, Robert Inklaar, Mary O'Mahony and Bart van Ark (2011), <u>Productivity and Economic Growth in Europe: A Comparative Industry Perspective</u>, *International Productivity Monitor*, Spring, pp. 3-23.
  - Vivian Chen, Abhay Gupta, Andre Therrien, Gad Levanon and Bart van Ark (2010), Recent Productivity Developments in the World Economy: An Overview from The Conference Board Total Economy Database, International Productivity Monitor, Spring, pp. 3-19.

<sup>\* =</sup> peer reviewed

- Bart van Ark (2010), <u>Productivity</u>, <u>Sources of Growth and Potential Output in the Euro Area and the United States</u>, <u>Intereconomics</u> 2010/1, pp. 17-20.
- Bart van Ark, Janet X. Hao, Carol Corrado & Charles Hulten (2009), Measuring intangible capital and its contribution to economic growth in Europe, *EIB Papers*, European Investment Bank, Vol. 14, No.1, pp. 62-99.
- \* Vivian Chen, Harry X. Wu and Bart van Ark (2009), More Costly or More Productivity?

  Measuring Changes in Competitiveness in Manufacturing Across Regions in China, The Review of Income and Wealth, Vol. 55 (special issue 1), pp. 514-537.
  - Bart van Ark, Angus Maddison and Marcel Timmer (2008), <u>Purchasing Power Parity</u>
    <u>Measurement for Industry of Origin Analysis</u>, *The ICP Bulletin*, Vol. 5 (1), March, pp. 29-34.
  - Robert Inklaar, Marcel Timmer and Bart van Ark (2008), <u>Data for Productivity Measurement in Market Services: An International Comparison</u>, *International Productivity Monitor*, Spring, pp. 72-81.
- \* Bart van Ark, Mary O'Mahony and Marcel Timmer (2008), <u>The Productivity Gap between Europe and the U.S.: Trends and Causes</u>, *Journal of Economic Perspectives*, Vol. 22 (1), Winter, pp. 25-44.
- \* Robert Inklaar, Marcel Timmer and Bart van Ark (2008), <u>Market Services Across Europe and the U.S.</u>, *Economic Policy*, Vol. 23 (53), January, pp. 139–194.
- \* Bart van Ark, Sean Dougherty, Robert Inklaar and Robert H. McGuckin (2007), <u>The Structure and Location of Business R&D: Recent Trends and Measurement Implications</u>, *International Journal of Foresight and Innovation Policy*, Vol. 4, No.1/2 pp. 8 29.
- \* Lourens Broersma and Bart van Ark (2007), <u>ICT, Business Services and Labour Productivity</u>
  <u>Growth</u>, *Economics of Innovation and New Technology*, Vol. 16(6), September, pp. 433–449.
- \* Robert Inklaar, Marcel Timmer and Bart van Ark (2007), Mind the gap! International comparisons of productivity in services and goods production, German Economic Review, vol. 8, no. 2, pp. 281–307.
- \* Bart van Ark (2006), <u>Has the Japanese Economy Turned the Corner?</u>: <u>An International Comparative Perspective on Japan's Productivity Revival</u>, *The Japanese Economy*, vol. 33, no. 3, Fall, pp. 10-26.
  - Marcel P. Timmer, Mary O'Mahony and Bart van Ark (2007), <u>EU KLEMS Growth and Productivity Accounts: An Overview</u>, *International Productivity Monitor*, Spring, pp. 71-85. *Economy*, vol. 33, no. 3, Fall, pp. 10-26.
  - Bart van Ark, Robert Inklaar en Gjalt de Jong (2006), <u>ICT-gebruik, productiviteit, groei en waardecreatie</u>, *ESB Dossier ICT en economische groei*, September, SDU uitgevers.
- \* Marcel P. Timmer and Bart van Ark (2005), <u>IT in the European Union: A driver of productivity divergence?</u>, *Oxford Economic Papers*, vol. 57 no. 4, pp. 693-716.
- \* Marcel P. Timmer, Robert Inklaar and Bart van Ark, <u>Alternative Output Measurement for the U.S. Retail Trade Sector</u>, *Monthly Labor Review*, July, pp. 39-45.
  - Mary O'Mahony and Bart van Ark (2005), Assessing the Productivity of the UK Retail Trade Sector: The Role of ICT, *International Review of Retail, Distribution and Consumer Research*, Vol. 15, No. 3, 297 303, July.
  - Bart van Ark and Marcin Piatkowski (2004), Productivity, Innovation and ICT in Old and New Europe, *International Economics and Economic Policy*, vol. 1, pp. 215-246.
    - Bart van Ark and Marcin Piatkowski (2004), Productivity, Innovation and ICT in Old and New Europe, *International Economics and Economic Policy*, vol. 1, pp. 215-246.

- Pim den Hertog, Lourens Broersma and Bart van Ark (2003), Notes and Communications: On the Soft Side of Innovation: Services Innovation and its Policy Implications, *De Economist* (Quarterly Review of the Royal Netherlands Economic Association), Volume 151, No. 4, pp. 433-452.
- Pim den Hertog, Lourens Broersma and Bart van Ark (2003), Notes and Communications: On the Soft Side of Innovation: Services Innovation and its Policy Implications, *De Economist* (Quarterly Review of the Royal Netherlands Economic Association), Volume 151, No. 4, pp. 433-452.
- \* Bart van Ark, Robert Inklaar and Robert H. McGuckin (2003), ICT and productivity in Europe and the United States. Where do the differences come from?, *CESifo Economic Studies*, Vol. 49, 3/2003, pp. 295–318 (downloadable from <a href="http://www.eco.rug.nl/~inklaar/papers/ictdecompositionrev2.pdf">http://www.eco.rug.nl/~inklaar/papers/ictdecompositionrev2.pdf</a>)
  - Bart van Ark, Robert Inklaar, Robert H. McGuckin and Marcel P. Timmer (2003), The Employment Effects of the "new economy". A comparison of the European Union and the United States, *National Institute Economic Review*, No. 184, April, pp. 86-98.
  - Dirk Pilat, Frank Lee and Bart van Ark (2002), Production and Use of ICT: A Sectoral Perspective on Productivity Growth in the OECD Area, *OECD Economic Studies*, vol. 35, no. 2, pp. 47-78.
  - Dirk Pilat, Frank Lee and Bart van Ark (2002), Production and Use of ICT: A Sectoral Perspective on Productivity Growth in the OECD Area, *OECD Economic Studies*, vol. 35, no. 2, pp. 47-78.
  - Robert Inklaar, Jaap Sleifer and Bart van Ark (2002), Innovatie en Productiviteit, *ESB Dossier: Duitsland*, 5 December, pp. D14-D16.
  - Bart van Ark (2002), Mitkä toimialat johtavat globaalia tuottavuuskilpailua? EU, Suomi ja USA (Which Industries Lead the Global Productivity Race? The European Union, Finland and the United States), *Talous & Yhteiskunta* (Economy and Society), no. 3, pp. 9-14, Labour Institute for Economic Research.
  - Bart van Ark (2002), Productiviteit, technologie en groei: een zaak van investeren?, *Tijdschrift voor politieke economie*, vol. 23, no. 3, pp. 3-21.
  - Bart van Ark (2002), Measuring the New Economy: An International Comparative Perspective, *The Review of Income and Wealth*, vol. 48, issue 1, pp. 1-14.
  - Bart van Ark and Marcel Timmer (2002), Notes and Communications: Industry Productivity Comparisons, *De Economist* (Quarterly Review of the Royal Netherlands Economic Association), Volume 140, No. 1, pp. 95-109.
  - Bart van Ark and Lorenzo Serrano (2001), Productividad del sector manufacturas en España: medio siglo de crecimiento y convergencia (Productivity in Spanish Manufacturing: Half a Century of Growth and Convergence), *Historia Industrial*, no. 19-20, pp. 77-101.
  - Bart van Ark and Jakob de Haan (2001), The Dynamics of Growth, Stagnation and Recovery in Germany and the Netherlands since 1960, *Jahrbuch für Wirtschaftsgeschichte*, no. 1, pp. 95-106.
  - Bart van Ark (2001), Macro-economische statistiek: hoe en wat, *ESB Dossier: Vernieuwende Statistieken*, 15 March, pp. D8-D12.
  - Bart van Ark (2000), De Nederlandse productiviteitsparadox, *Economisch Statistische Berichten*, 1 December, pp. 974-976.
- \* Bart van Ark and Jakob de Haan (2000), The Delta-Model Revisited: recent trends in the structural performance of the Dutch economy. *International Review of Applied Economics*, Vol. 14, No. 3, pp. 307-321.

- Bart van Ark (2000), Measuring Productivity in the "New Economy": Towards a European Perspective, *De Economist* (Quarterly Review of the Royal Netherlands Economic Association), Volume 148, No. 1, pp. 87-105.
- \* Bart van Ark and Robert H. McGuckin (1999), International Comparisons of Labor Productivity and Per Capita Income, *Monthly Labor Review*, July.
- \* Bart van Ark, Erik Monnikhof and Nanno Mulder (1999), Productivity in Services: An International Comparative Perspective, *Canadian Journal of Economics*, vol. 32, no. 2, April, pp. 471-499.
  - Bart van Ark and Rainer Fremdling (1997), New Research in Historical National Accounting *Jahrbuch für Wirtschaftsgeschichte*, no. 2, pp. 21-25.
  - Bart van Ark and Herman de Jong (1996), Accounting for Economic Growth in the Netherlands since 1913, *The Economic and Social History in the Netherlands*, volume 7.
  - Jakob de Haan en Bart van Ark (1996), Nederlandse economie presteert beter, *Economisch Statistische Berichten*, 5 juni, pp. 516-518.
  - Bart van Ark (1995), The Manufacturing Sector in East Germany: A Reassessment of Comparative Productivity Performance, 1950-1988, *Jahrbuch für Wirtschaftsgeschichte*, no. 2, pp. 75-100.
  - Bart van Ark (1995), Produccion y productividad en el sector manufacturero español. Un analisis comparativo 1950-1992, *Información Comercial Española. La actividad empresarial en España*, Madrid, October, no. 746, pp. 67-77.
  - Bart van Ark (1995), Towards European Historical National Accounts, *Scandinavian Economic History Review*, vol. XLIII, no. 1, pp. 3-16.
- \* Bart van Ark (1995), <u>Manufacturing prices</u>, <u>productivity and labor costs in five economies</u>, *Monthly Labor Review*, July, pp. 56-72.
  - Bart van Ark and Remco D.J. Kouwenhoven (1994), La productivité du secteur manufacturier français en comparaison internationale, *Économie Internationale*, no. 60, Centre d'Études Prospectives et d'Informations Internationales (CEPII), Paris, 4th quarter.
  - Bart van Ark (1994), Arbeidsproduktiviteit, arbeidskosten en internationale concurrentie, *Economisch Statistische Berichten*, 23 november, pp. 1066-69.
  - Geoff Mason, Bart van Ark and Karin Wagner (1994), Productivité, qualité et compétences: Une comparaison européenne, *Formation Emploi*, No. 47, juillet-septembre, pp. 3-21.
- \* Geoff Mason and Bart van Ark (1994), Vocational Training and Productivity Performance: An Anglo-Dutch Comparison, *International Journal of Manpower*, Vol. 15, No. 5, pp. 55-69. Republished in R. McNabb and K. Whitfield (eds.), *The Market for Training*, Avebury, pp. 335-355.
- \* Geoff Mason, Bart van Ark and Karin Wagner (1994), Productivity, Product Quality and Workforce Skills: Food Processing in Four European Countries, *National Institute Economic Review*, January, pp. 62-83.
  - Dirk Pilat and Bart van Ark (1994), Competitiveness in Manufacturing: A Comparison of Germany, Japan and the United States, *Banco Nazionale del Lavoro Quarterly Review*, no. 189, June, pp. 167-186. Also published as: Competitivita nell'industria manufatturiera: un confronto tra Germania, Giappone e Stati Uniti, *Moneta et Credito*, September, pp. 335-356.
  - Bart van Ark, Jakob de Haan and Remco Kouwenhoven (1993), Het dynamische tekort van Nederland, *Economisch Statistische Berichten*, 8 december, pp. 1131-35.
- \* Bart van Ark and Dirk Pilat (1993), <u>Productivity Levels in Germany, Japan, and the United States: Differences and Causes</u>, <u>Brookings Papers on Economic Activity: Microeconomics 2</u>, Washington D.C., December.

- \* Geoff Mason, SJ Prais and Bart van Ark (1992), Vocational Education and Productivity in the Netherlands and Britain, *National Institute Economic Review*, May, pp. 45-63.
- \* Bart van Ark (1992), Comparative Productivity in British and American Manufacturing, *National Institute Economic Review*, November.
- \* Bart van Ark (1990), Comparative Levels of Labour Productivity in Postwar Europe Some Evidence for Manufacturing, *Oxford Bulletin of Economics and Statistics*, November, pp. 343-73.
- \* Bart van Ark (1990), Manufacturing Productivity Levels in France and the United Kingdom, *National Institute Economic Review*, August, pp 71-85.
- \* Bart van Ark (1990), Comparative Levels of Labour Productivity in Dutch and British Manufacturing, *National Institute Economic Review*, February, pp 62-77.
- \* Angus Maddison and Bart van Ark (1989), <u>International Comparisons of Purchasing Power, Real Output and Labour Productivity: A Case Study of Brazilian, Mexican and US Manufacturing</u>, *Review of Income and Wealth*, March, pp 31-55.
- \* Bart van Ark (1988), The Volume and Price of Indonesian Exports 1823-1940: The Long Term Trend and Its Measurement, *Bulletin of Indonesian Economic Studies*, December, pp. 87-120.

### Contributions to Books

(in reverse chronological order):

- \* Robert Inklaar, Kirsten Jäger, Mary O'Mahony and Bart van Ark (2019), "European Productivity in the digital age: evidence from EUKLEMS", in B. Fraumeni, ed., <u>Measuring Economic</u>
  <u>Growth and Productivity, Foundations, KLEMS Production Models, and Extensions</u>, Elsevier, pp. 75-95
  - Abdul Erumban and Bart van Ark (2018), "Productivity in the Global Economy", in: Deb Kusum Das, ed., *Productivity Dynamics in Emerging and Industrialized Countries*, Routledge, pp. 58-80.
- \* Bart van Ark (2016), "Europe's Productivity Slowdown Revisited: A Comparative Perspective to the United States," in: Philippe Askenazy, Lutz Bellmann, Alex Bryson & Eva Moreno Galbis, eds., *Productivity Puzzles Across Europe*, Oxford University Press, pp. 26-48.
- \* Bart van Ark and Mary O'Mahony (2016), "Productivity growth in Europe before and since the 2008/2009 economic and financial crisis," in Dale W. Jorgenson, Kyoji Fukao and Marcel P. Timmer, eds., *The World Economy. Growth or Stagnation?*, Cambridge University Press, pp. 111-152.
- \* Carol Corrado and Bart van Ark (2016), "The Internet and Productivity," in: Johannes M. Bauer and Michael Latzer, eds., <u>Handbook on the Economics of the Internet</u>, Edward Elgar Publishing, pp.120-145.
  - Bart van Ark (2015), "<u>Contrasts in Europe's Investment and Productivity Performance</u>," in: BBVA, *The Search for Europe. Contrasting Approaches*, pp. 150-166.
  - Bart van Ark, Mary O'Mahony and Marcel P. Timmer (2012; 2013), "Europe's Productivity Performance in Comparative Perspective: Trends, Causes and Recent Developments", in M. Mas and R. Stehrer, eds., *Industrial Productivity in Europe, Growth and Crisis*, Edward Elgar Publishing, Inc., pp. 65-91; republished in: D.S. Prasada Rao and Bart van Ark, eds., *World Economic Performance. Past, Present and Future*. Edward Elgar Publishing, pp. 290-316.

- Bart van Ark (2011), "De hardnekkigheid van het Nederlandse productiviteitsprobleem", in J.H. Garretsen, R.M. Jong-A-Pin en E. Sterken, eds., *De economische toekomst van Nederland*, Pre-adviezen van de Koninklijke Vereniging voor de Staatshuishoudkunde 2000, SDU Uitgevers, Culemborg, pp. 255-277.
- Bart van Ark, Abhay Gupta, Abdul Azeez Erumban (2011), "Measuring the Contribution of ICT to Economic Growth", in Bart van Ark, Executive Editor, <u>The Linked World: How ICT is</u> Transforming Societies, Cultures and Economies, Fundación Telefónica, Madrid, pp. 9-35.
- Mary O'Mahony, Marcel Timmer and Bart van Ark (2010), "ICT and productivity growth in Europe: an update and comparison with the U.S.", in M. Cimoli, A.A. Hofman and N. Mulder, eds., *Innovation and Economic Development, The Impact of Information and Communication Technologies in Latin America*, Edward Elgar, Cheltenham/Northampton.
- \* Marcel P. Timmer, Robert Inklaar, Mary O'Mahony and Bart van Ark (2010), <u>Economic Growth</u> in <u>Europe</u>. A <u>Comparative Industry Perspective</u>, Cambridge University Press.
  - Bart van Ark, Adbul Azeez Erumban, Vivian Chen and Utsav Kumar (2010), "<u>The Cost Competitiveness of Manufacturing in China and India: An Industry and Regional Perspective</u>", in Barry Eichengreen, Poonam Gupta and Rajiv Kumar, eds., *Emerging Giants. China and India in the World Economy*, Oxford University Press, pp. 87-124.
  - Misbah Tanveer and Bart van Ark (2010), "Trade-off between Productivity and Employment in Transition Economies", in Enrico Marelli and Marcello Signorelli, eds., *Economic Growth and Structural Features of Transition*, Palgrave/MacMillan, pp. 104-127.
  - Bart van Ark and Marcel Timmer (2009), "Purchasing Power Parity Adjustments for Productivity Level Comparisons", in D.S. Prasada Rao, ed., *Purchasing Power Parities of Currencies*. *Recent Advances in Methods and Applications*, Edward Elgar, Cheltenham, pp. 344-366.
- \* Bart van Ark, Sean M. Dougherty, Robert Inklaar and Robert H. McGuckin, "The structure and location of business R&D: recent trends and measurement implications", *International Journal of Foresight and Innovation Policy*, Vol.4, Nos. 1/2, 2008, pp. 8-29.
  - Bart van Ark and Charles Hulten (2008), "Innovation, intangibles and economic growth: Towards a comprehensive accounting of the knowledge economy", in: Statistics Sweden, *Yearbook on Productivity 2007*, pp. 127-146.
  - Bart van Ark and Jan Pieter Smits (2008), "Technology regimes and productivity growth in Europe and the United States. A comparative and historical perspective", in B. Eichengreen, M. Landesmann and D. Stiefel, eds., *The European Economy in an American Mirror*, Routledge Studies in the World Economy, pp. 41-61.
  - Bart van Ark and Marcin Piatkowski (2007), "Productivity, Innovation and ICT in Old and New Europe", in G. Cette, M. Fouquin, and H-W Sinn, eds., *Divergences in Productivity between Europe and the United States. Measuring and Explaining Productivity Gaps Between Developed Countries*, Edward Elgar Publishers, Cheltenham, pp. 118-149 (extended and updated version from article under same title in *International Economics and Economic Policy*, vol. 1, pp. 215-246).
- \* Sean M. Dougherty, Robert Inklaar, Robert H. McGuckin and Bart van Ark (2007), "International Comparisons of R&D Expenditure: Does an R&D PPP Make a Difference?", in Ernst R. Berndt and Charles M. Hulten, eds., *Hard-to-Measure Goods and Services: Essays in Honor of Zvi Griliches*, NBER/CRIW, The University of Chicago Press, pp. 291-322.
  - Bart van Ark (2007), "Enhancing Productivity Requires More than ICT Alone", in T. Wolters, *Measuring the New Economy. Statistics between Hard Indicators and Intangible Phenomena*, Elsevier, pp. 53-63.
  - Bart van Ark (2006), "Productivitat i Competitivitat", *Informe econòmic i social de les Illes Balears 2005*, pp. 289-315.

- Bart van Ark and Marcel Timmer (2006), "Computers and the Big Divide: Productivity Growth in the European Union and the United States", in M. Mas and P. Schreyer (2006), *Growth, Capital and New Technologies*, Fundacion BBVA, Bilbao, pp. 149-169.
- Bart van Ark, Gjalt de Jong and Thomas Henriksen (2006), "Produktivitet En Guide Til Vaerdiskabelse", in T.B. Hensriksen, ed., *Skabt Til Vaekst, 15 Vinkler Pa Danmarks Oekonomiske Fremtid*, Borsoens Forlag, Copenhagen.
- Bart van Ark (2006), "Recent Productivity Development in the European Union in Comparative Perspective with a focus on the Netherlands", in G. Evers and T. Wilthagen, eds., *Arbeidsproductiviteit en arbeidsdynamiek*, OSA-publicatie A217, pp. 25-38.
- Bart van Ark (2006), "Does the European Union Need to Revive Productivity Growth?", in: Mundschenk, S. Stierle, M.H. Stierle-von Schütz, U. Traistaru, I., eds., *Competitiveness And Growth In Europe. Lessons and Policy Implications for the Lisbon Strategy*, Edward Elgar Publishers, pp. 101-124.
  - Bart van Ark (2005), "International Productivity", in A.K. Vaidya, ed., Globalization, Encyclopedia of Trade, Labor and Policies, Volume I, ABC Clio, pp.165-176.
  - Bart van Ark (2005), "Misurazione ed analisi della produttività nella l'economia della conoscenza", in A. Pilati and A. Perrucci, eds., *Economia della conoscenza*. *Profili teorici ed evidenze empiriche, Autorità per la garanzie nelle comunicazioni*, il Mulino, pp. 479-565.
  - Bart van Ark and Gjalt de Jong (2004), *Productiviteit in dienstverlening, Deel I: Wat het is en waarom het moet*, Koninklijke Van Gorcum/Stichting Management Studies, Assen.
  - Bart van Ark (2004), "The Measurement of Productivity: What do the Numbers Mean?", in G. Gelauff, L. Klomp, S. Raes and Th. Roelandt, eds., *Fostering Productivity. Patterns, Determinants and Policy Implications*, Elsevier, pp. 28-61.
- \* Bart van Ark, Robert Inklaar and Robert H. McGuckin (2003), "Changing Gear: Productivity, ICT and Service Industries in Europe and the United States", in J.F. Christensen and P. Maskell, eds., *The Industrial Dynamics of the New Digital Economy*, Edward Elgar, pp. 56-99.
  - Marcel P. Timmer and Bart van Ark (2003), "Economic Convergence and Divergence", in J. Mokyr, ed., *The Oxford Encyclopedia of Economic History*, Oxford University Press.
  - Bart van Ark (2003), "National Income Accounts. Historical Overview", in J. Mokyr, ed., *The Oxford Encyclopedia of Economic History*, Oxford University Press.
  - Bart van Ark (2003), "Employment, Income and Productivity", Chapter 1.A, in ILO, Key Indicators of the Labour Market, Third Edition, Geneva.
  - Bart van Ark and Robert Inklaar (2003), "ICT Production and Use in Germany, Japan and the United States: A Comparison of Manufacturing and Services", in Prospects for Core Industries in Japan and Germany, Conference Proceedings, Publications of the Japanese-German Center Berlin, Berlin, pp. 108-122.
- \* Bart van Ark (2002), "Understanding Productivity and Income Differentials Among OECD Countries: A Survey," in A. Sharpe, F. St-Hilaire and K. Banting, eds., *The Review of Economic Performance and Social Progress. Towards a Social Understanding of Productivity*, CSLS/IRPP, pp. 69-92.
  - Marcel Timmer and Bart van Ark (2002), "Capital Formation and Foreign Direct Investment in Korea and Japan: Coping with Diminishing Returns," in J. Th. Lindblad, ed., *Asian Growth and Foreign Capital: Case Studies from Eastern Asia*, Aksant, Amsterdam, pp. 59-98.
  - Bart van Ark and M.P. Timmer (2002), "Realising Growth Potential: South Korea and Taiwan, 1960 to 1998," in A. Maddison, D.S. Prasada Rao and W.F. Shepherd, eds., *The Asian Economies in the Twentieth Century*, Edward Elgar, Cheltenham, pp. 226-242.

- Angus Maddison and Bart van Ark (2002), "The International Comparison of Real Product and Productivity," in A. Maddison, D.S. Prasada Rao and W.F. Shepherd, eds., *The Asian Economies in the Twentieth Century*, Edward Elgar, Cheltenham, pp. 5-26.
- Bart van Ark (2001), "De 'klompenversie' van de productiviteitsparadox", in: S. Brakman and A. van Witteloostuijn, eds., *Jonge wijn in oude zakken*, Arbeiderspers, pp. 121-137.
- Bart van Ark (2001), "Productiviteit, technologie en groei: een zaak van investeren?", public lecture given at the inauguration of the Endowed Chair in "The Economics of Productivity and Technology Policy", 10 April.
- Bart van Ark and Jakob de Haan (2000), "Productivity, Income and Technological Change in the Netherlands: Causes and Explanations of Divergent Trends", in B. van Ark, S.K. Kuipers and G. Kuper, eds. (2000), *Productivity, Technology and Economic Growth*, Kluwer Academic Press, pp. 159-186.
- Bart van Ark (2000), "De vernieuwing van de oude economie: Nederland in een international vergelijkend perspectief" in L. Soete, ed., ICT en de nieuwe economie, *Pre-adviezen van de Koninklijke Vereniging voor de Staatshuishoudkunde 2000*, Lemma, Utrecht, pp. 21-59.
- Bart van Ark (2000), "Accumulation, productivity and technology: Measurement and analysis of long term economic growth", in: Eurostat, *Statistics, A Challenge for the Future*, Proceedings of the 85<sup>th</sup> DGNIS conference, Theme 0, Luxembourg.
- \* Bart van Ark, Erik Monnikhof and Marcel Timmer (1999), "Prices, Quantities and Productivity in Industry: A Study of Transition Economies in a Comparative Perspective", in R. Lipsey and A. Heston, *International and Interarea Comparisons of Prices, Income and Output*, NBER, Chicago University Press, pp. 327-364.
  - Jakob de Haan and Bart van Ark (1999), "Income and Productivity in the Netherlands: The Role of the Labour Market and the Public Sector", in A. Clesse and H. van Gunsteren, eds., The Vitality of the Netherlands, Luxembourg Institute for European and International Studies, pp. 73-84.
- \* Bart van Ark and Jakob de Haan (1999), "A Miracle or Not? Recent Trends in the Growth Performance of the Dutch Economy", in P.A.G. van Bergeijk, J. van Sinderen and B. Vollaard, eds., *Structural Reform in Open Economies*, Edwards Elgar, Cheltenham, pp. 157-179.
- \* Bart van Ark and Jakob de Haan (1999), "A Miracle or Not? Recent Trends in the Growth Performance of the Dutch Economy", in P.A.G. van Bergeijk, J. van Sinderen and B. Vollaard, eds., *Structural Reform in Open Economies*, Edwards Elgar, Cheltenham, pp. 157-179.
  - Edwin Horlings and Bart van Ark (1998), "Benchmark Comparisons of Manufacturing Productivity in Eastern Europe, 1937-1989", in Bart van Ark, Erik Buyst and Jan Luiten van Zanden, eds., *Historical Benchmark Comparisons of Output and Productivity*, Proceedings of 12<sup>th</sup> International Economic History Congress, Madrid.
  - Bart van Ark (1996), "Issues in Measurement and International Comparison of Productivity An Overview", in OECD, *Industry Productivity. International Comparison and Measurement Issues*, OECD Proceedings, Paris.
  - Bart van Ark (1996), "Issues in Measurement and International Comparison of Productivity An Overview", in OECD, *Industry Productivity. International Comparison and Measurement Issues*, OECD Proceedings, Paris.
- \* Bart van Ark (1996), "Convergence and Divergence in the European Periphery: Productivity in Eastern and Southern Europe in Retrospect", in B. van Ark and N.F.R. Crafts, eds., *Quantitative Aspects of Post-War European Economic Growth*, CEPR/Cambridge University Press, pp. 271-326.

- \* Bart van Ark (1996), "Sectoral Growth Accounting and Structural Change in Post-War Europe", in B. van Ark and N.F.R. Crafts, eds., *Quantitative Aspects of Post-War European Economic Growth*, CEPR/Cambridge University Press, pp. 84-164.
- \* Geoff Mason, Bart van Ark and Karin Wagner (1996), "Workforce, product quality and economic performance", in Alison L. Booth and Dennis J. Snower, eds., *Acquiring Skills. Market Failures, Their Symptoms and Policy Responses*, CEPR/Cambridge University Press.
- \* Bart van Ark (1996), "Productivity and Competitiveness in Manufacturing: A Comparison of Europe, Japan and the United States", in K. Wagner and B. van Ark, eds. (1996), *International Productivity Differences. Measurement and Explanations*, Contributions to Economic Analysis, North Holland.
- \* Bart van Ark, Jakob de Haan and Herman de Jong (1996), "Characteristics of Economic Growth in the Netherlands During the Postwar Period", in Nicholas Crafts and Gianni Toniolo, eds., *Economic Growth in Europe Since 1945*, CEPR/Cambridge University Press.
  - Geoff Mason and Bart van Ark (1996), "Productivity, Machinery and Skills in Engineering: An Anglo-Dutch Comparison", in David G. Mayes, ed., *Sources of Productivity Growth*, NIESR, Cambridge University Press.
- \* Bart van Ark (1993), "The ICOP Approach Its Implications and Applications", in A. Szirmai, B. van Ark and D. Pilat, *Explaining Economic Growth*, North Holland.
  - Bart van Ark (1993), *International Comparisons of Output and Productivity. Manufacturing Productivity Performance of Ten Countries from 1950 to 1990*, Ph.D. thesis, Monograph Series No. 1, Groningen Growth and Development Centre.
  - Bart van Ark (1991), "Productivity Measurement in Manufacturing: A Review of ICOP Estimates", in Korea Productivity Center, *Productivity Improvement through Labor Management and Technology Innovation*, Papers of International Productivity Symposium, Seoul, pp. 115-142; also in Korean in *Quarterly Productivity Review*, Korea Productivity Centre, vol. 24, October, p. 1-34.
  - Angus Maddison and Bart van Ark (1988), "Comparisons of Real Output and Purchasing Power Brazil/USA and Mexico/USA", in J. Salazar-Carillo and D.S. Prasada Rao, eds., *World Comparisons of Incomes, Prices and Product*, North Holland, Amsterdam.

# Reprints

- in: W. Fischer, ed. (1997), *The Economic Development of Germany Since 1870*, vol. 2, Edward Elgar Publishers: Bart van Ark (1995), "The Manufacturing Sector in East Germany: A Reassessment of Comparative Productivity Performance, 1950-1988", pp. 498-523.
- in: A. Maddison (1995), Explaining the Economic Performance of Nations: Essays in Time and Space, Edward Elgard Publishers: Angus Maddison and Bart van Ark (1989), "International Comparisons of Purchasing Power, Real Output and Labour Productivity: A Case Study of Brazilian, Mexican and US Manufacturing".

#### Books and Edited Volumes

(in reverse chronological order):

- D.S. Prasada Rao and Bart van Ark, eds. (2013), *World Economic Performance. Past, Present and Future*. Edwar Elgar Publishing, Cheltenham.
- Bart van Ark, Executive Editor (2011), *The Linked World: How ICT is Transforming Societies*, *Cultures and Economies*, Fundación Telefónica, Madrid.
- O'Mahony, M. and B. van Ark, eds. (2003), EU Productivity and Competitiveness: An Industry Perspective. Can Europe Resume the Catching-up Process?, DG Enterprise, European Union, Luxembourg.
- Co-editor of special issue on "Competition and Market Power Measurement, Theory, and Implications", *De Economist* (Quarterly Review of the Royal Netherlands Economic Association), Volume 151, No. 4, 2003.
- Guest editor of special issue on "Measuring the New Economy", *Review of Income and Wealth*, no. 1, 2002.
- \* B. van Ark, S.K. Kuipers and G. Kuper, eds. (2000), *Productivity, Technology and Economic Growth*, Kluwer Academic Press.
  - Bart van Ark, Erik Buyst and Jan Luiten van Zanden, eds. (1998), *Historical Benchmark Comparisons of Output and Productivity*, Proceedings of 12<sup>th</sup> International Economic History Congress, Madrid.
- \* K. Wagner and B. van Ark, eds. (1996), *International Productivity Differences. Measurement and Explanations*, Contributions to Economic Analysis, North Holland.
- \* B. van Ark and N.F.R. Crafts, eds. (1996), *Quantitative Aspects of Post-War European Economic Growth*, CEPR/Cambridge University Press.
  - J.P. Smits, J.L. van Zanden and B. van Ark, eds. (1996), *The Economic and Social History in the Netherlands*, volume 7, special issue on "Historical national accounts in the Netherlands".
  - B. van Ark, ed. (1997), *Economic Growth in the Long Run. A History of Empirical Evidence*, The International Library of Critical Writings in Economics 76, Edward Elgar Publishers, 3 volumes.
- \* A. Szirmai, B. van Ark and D. Pilat, eds. (1993), *Explaining Economic Growth, Essays in Honour of Angus Maddison*, Contributions to Economic Analysis, North Holland.
  - Bart van Ark (1993), <u>International Comparisons of Output and Productivity. Manufacturing Productivity Performance of Ten Countries from 1950 to 1990</u>, Groningen Growth and Development Centre, Monograph Series No. 1, Groningen.

#### (Co-)authored reports

(in reverse chronological order):

Note: This list only includes a selection of key reports. A separate record of (co-)authored publications, videos and podcasts from The Conference Board can be obtained <a href="https://example.com/here-example

- Bart van Ark, Abdul Erumban, and Klaas de Vries (2019), <u>Prioritizing Productivity in the Gulf Region. A path Towards Sustained Growth Through Diversification</u>, The Conference Board Gulf Center for Economic & Business Research, Kuwait.
- Bart van Ark, Abdul Erumban, Carol Corrado, and Gad Levanon (2016), *Navigating the Digital Economy. Driving Digital Growth and Productivity from Installation to Deployment*, The Conference Board, Research Report R-1602-16-RR, New York.

- Bart van Ark (2015), From Mind the Gap to Closing the Gap: Avenues to Reverse Stagnation in Europe through Investment and Productivity Growth, European Economy, Discussion Papers 006, September.
- Bart van Ark, Ataman Ozyldirim, Prajakta Bhide, Elizabeth Crofoot, Abdul Erumban and Gad Levanon (2015), *Prioritizing Productivity to Drive Growth, Competitiveness, and Profitability*, The Conference Board, Research Report R-1580-KBI, New York.
- Bart van Ark (2014), *Productivity and Digitalisation in Europe: Paving the Road to Faster Growth*, The Lisbon Council and The Conference Board, Brussels/New York.
- Desirée van Welsum, Willem Overmeer and Bart van Ark (2013), "<u>Avoiding the Digital Desert:</u> <u>Four Scenarios and the Challenge of Unlocking Information and Communication Technology's Growth Potential in Europe</u>," *Executive Action Series*, No. 421, The Conference Board, October.
- Bart van Ark and Kirsten Jäger (2010): "<u>Intangible Capital in the Netherlands and its Implications for Future Growth</u>". Working Paper, New York: The Conference Board.
- Bart van Ark, Linda Barrington, Gail Fosler, Charles Hulten, and Christopher Woock (2009), *Innovation and U.S. Competitiveness, Reevaluating the Contributors to Growth*, Research Report 1441, The Conference Board, New York.
- Bart van Ark, Kirsten Jäger, Vlad Manole, and Andreas Metz (2009), *Productivity, Performance, and Progress: Germany in International Comparative Perspective*, The Conference Board, New York, March.
- Bart van Ark, Ewout Frankema, Vlad Manole, and Andrew Tank (2008), <u>Growing Beyond Oil.</u> <u>Productivity, Performance, and Progress in the Countries of the Gulf Cooperation Council</u>, Research Report R-1426-08-RR, The Conference Board, New York.
- Bart van Ark, Mary O'Mahony and Gerard Ypma (2007), *The EU KLEMS Productivity Report*, Issue 1, March 2007 (<a href="http://www.euklems.net/data/eu klems productivity report.pdf">http://www.euklems.net/data/eu klems productivity report.pdf</a>).
- Bart van Ark and Gail Fosler (2007), "Is ICT's Contribution to Productivity Growth Peaking?", *Executive Action Series*, No. 224, The Conference Board, January.
- Bart van Ark, Judith Banister, and Catherine Guillemineau (2006), "Competitive Advantage of "Low-Wage" Countries Often Exaggerated", *Executive Action Series*, No. 212, The Conference Board, October.
- Bart van Ark, Catherine Guillemineau, and Robert H. McGuckin (2006), "As U.S. Productivity Slows, Emerging Economies Grow Rapidly, but Europe Falls Further Behind", *Executive Action Series*, No. 176, January.
- Robert H. McGuckin, Matthew Spiegelman, and Bart van Ark (2005), *The Retail Revolution. Can Europe Match U.S. Productivity Performance?*, Research Report R-1358-05-RR, The Conference Board, New York.
- Netherlands' Ministry of Economic Affairs (2004), "Fostering excellence: Challenges for productivity growth in Europe", background document for the Informal Competitiveness Council Maastricht, 1st-3rd July (based on research by prof. dr. Bart van Ark, prof. dr. Eric Bartelsman and McKinsey & Company).
- Bart van Ark and Gerard Ypma (2003), "KILM 18: Labour productivity and unit labour cost indicator", in International Labour Office, Key Indicators of the Labour Market, Third Edition, Geneva.
- Bart van Ark and Erik Monnikhof (2001), "KILM 18: Labour productivity and unit labour cost indicator", in International Labour Office, *Key Indicators of the Labour Market 2001-2002*, Geneva.

- Robert McGuckin and Bart van Ark (2001), *Making the Most of the Information Age*, Perspective on a Global Economy, Research Report R-1301-01-RR. The Conference Board, New York.
- Robert McGuckin, Bart van Ark and Linda Barrington (2000), *Perspectives on a Global Economy: Are Poor Nations Closing the Gap in Living Standards?*, Report Number 1263-00-RR, The Conference Board.
- Bart van Ark and Erik Monnikhof (1999), "KILM 17: Labour productivity and unit labour costs", in International Labour Office, *Key Indicators of the Labour Market 1999*, Geneva.
- Robert McGuckin and Bart van Ark (1999), Perspectives on a Global Economy: European Labor Markets after the Introduction of the Euro, Winter, The Conference Board Europe.
- Jakob de Haan and Bart van Ark (1998), "Economische groeivooruitzichten: het Nederlandse wonder ten einde?", in ABN-AMRO, Nederlands in het nieuwe Europa: Op weg naar hogere economische groei?, Amsterdam.
- Robert McGuckin and Bart van Ark (1998), *Perspectives on a Global Economy. Asia after the Crisis. Challenges for a Return to Rapid Growth*, Report Number 1219-98-RR, Summer, The Conference Board Europe.
- Bart van Ark and Peter Hein van Mulligen (1998), Purchasing Power Parities for Industry Comparisons. Final Report of a project for BAK-Basel, Switzerland, University of Groningen.
- Robert McGuckin, Kevin Stiroh and Bart van Ark (1997), *Perspectives on a Global Economy. Technology, Productivity, and Growth: U.S. and German Issues*, Report Number 1206-97-RR, Winter, The Conference Board Europe.
- Hertog, P. den, R. Vossen, B. van Ark and R. Bilderbeek (1997), *Towards a structural information provision on the role of services in innovation: Feasibility study ID-2 project*, TNO-STB, RU Groningen, August.
- Robert McGuckin and Bart van Ark (1997), *Perspectives on a Global Economy. Understanding Differences in Economic Performance*, Report Number 1187-97-RR, Summer, The Conference Board Europe.
- Bart van Ark and Erik Monnikhof, *The Industry of Origin Approach to Comparisons of Output and Productivity*, Report of a Methodological Study on Unit Value Ratios, Comparative Levels of Output and Productivity in EU Countries and the United States, commissioned by the Industry Statistics Division, Eurostat, Luxembourg, February 1997.
- McKinsey Global Institute (1993), Manufacturing Productivity, Washington D.C., October.

## Working Papers

(in reverse chronological order):

- Bart van Ark, Klaas de Vries and Abdul Erumban (2020), <u>How to not miss a productivity revival once again?</u>, NIESR Discussion Paper, No. 518, November)
- Bart van Ark, Klaas de Vries and Abdul Erumban (2019), "Productivity & Innovation Competencies in the Midst of the Digital Transformation Age: A EU-US Comparison," European Economy Fellowship Initiative 2018-2019, <u>Discussion Paper 119</u>, October.
- Bart van Ark (2015), "From Mind the Gap to Closing the Gap: Avenues to Reverse Stagnation in Europe through Investment and Productivity Growth," European Economy Fellowship Initiative 2014-2015, <u>Discussion Paper 006</u>, September.
- Bart van Ark (2014), "Total factor productivity: Lessons from the past and direction for the future", National Bank of Belgium, Working Paper Research no. 271, Brussels.

- Bart van Ark, Vivian Chen, Bert Colijn, Kirsten Jäger, Wim Overmeer and Marcel Timmer (2013), "Recent Changes in Europe's Competitive Landscape and Medium-Term Perspectives: How the Sources of Demand and Supply are Shaping Up", <u>Economic Papers 485</u>, DG ECFIN, European Commission, April; also as <u>Economics Program Working Paper Series</u>, EPWP #13 05, The Conference Board, May.
- Vivian W. Chen, Ben Cheng, Gad Levanon, and Bart van Ark (2011), "Projecting Economic Growth with Growth Accounting Techniques: The Conference Board Global Economic Outlook 2012 Sources and Methods", *Economics Program Working Paper Series*, EPWP #11 07, The Conference Board, November.
- Bart van Ark, Abdul Azeez Erumban, Vivian Chen and Utsav Kumar (2008), The Cost Competitiveness of Manufacturing in China and India: An Industry and Regional Perspective, *ICRIER Working Paper No. 228*, New Delhi.
- Vivian W. Chen, Harry X. Wu, Bart van Ark (2008), "Measuring Changes in Competitiveness in Chinese Manufacturing Industries Across Regions in 1995 2004: An Unit Labor Cost Approach", *Economics Working Paper* EPWP #08-03, The Conference, June 2008.
- Bart van Ark and Charles R. Hulten (2008), "Innovation, Intangibles and Economic Growth: Towards A Comprehensive Accounting of the Knowledge Economy," *Economics Working Paper* EPWP #07-02, The Conference Board, December 2007.
- Sean M. Dougherty, Robert Inklaar, Robert H. McGuckin, Bart van Ark (2007), "International Comparisons of R&D Expenditure: Does an R&D PPP Make a Difference?," *NBER Working Paper No. 12829*, January.
- Robert Inklaar, Marcel P. Timmer and Bart van Ark (2007), "Canada's Productivity in Goods Production and Services in International Comparative Perspective", <u>Industry Canada, Working Paper 2007-01</u>.
- Robert Inklaar, Marcel P. Timmer and Bart van Ark (2006), "Mind the gap! International comparisons of productivity in services and goods production", <u>Discussion Paper Series No.175</u>, Institute of Economic Research, Hitotsubashi University, July; and <u>Research Memorandum GD-86</u>, Groningen Growth and Development Centre, September.
- Bart van Ark and Jan Pieter Smits (2005), "Technology Regimes and Productivity Growth in Europe and the United States: A Comparative and Historical Perspective", <u>Institute of European Studies</u>, paper 051001, <u>University of California</u>, <u>Berkeley</u>.
- Bart van Ark, Edwin Stuivenwold and Gerard Ypma (2005), "Unit Labour Costs, Productivity and International Competitiveness", *Research Memorandum GD-80*. Groningen Growth and Development Centre, September.
- Bart van Ark and Robert Inklaar (2005), "Catching Up or Getting Stuck? Europe's Troubles to Exploit ICT's Productivity Potential", *Research Memorandum GD-79*, Groningen Growth and Development Centre, September.
- Robert H. McGuckin and B. van Ark (2005), "Productivity and Participation: An International Comparison", *Research Memorandum GD-78*, Groningen Growth and Development Centre, August.
- Bart van Ark (2005), "Does the European Union Need to Revive Productivity Growth?", *Research Memorandum GD-75*, Groningen Growth and Development Centre, May (downloadable from http://www.ggdc.net/pub/gd75.pdf).

- Marcin Piatkowski and Bart van Ark (2005), "ICT and Productivity Growth in Transition Economies: Two-Phase Convergence and Structural Reforms", *TIGER Working Paper Series No. 72*, Warsaw, January (downloadable from <a href="http://www.tiger.edu.pl/publikacje/TWPNo72.pdf">http://www.tiger.edu.pl/publikacje/TWPNo72.pdf</a>).
- Bart van Ark, Ewout Frankema and Hedwig Duteweerd (2004), "Productivity and Employment Growth: An Empirical Review of Long and Medium Run Evidence", *Research Memorandum GD-71*, Groningen Growth and Development Centre, May (downloadable from <a href="http://www.ggdc.net/pub/gd71.pdf">http://www.ggdc.net/pub/gd71.pdf</a>).
- Bart van Ark and Marcin Piatkowski (2004), "Productivity, Innovation and ICT in Old and New Europe", *Research Memorandum GD-69*, Groningen Growth and Development Centre, March (downloadable from http://www.ggdc.net/pub/gd69.pdf).
- Marcel Timmer, Gerard Ypma and Bart van Ark (2003), "IT in the European Union: Driving Productivity Divergence?", *Research Memorandum GD-67*, Groningen Growth and Development Centre, October (downloadable from <a href="http://www.eco.rug.nl/ggdc/pub/">http://www.eco.rug.nl/ggdc/pub/</a>).
- Bart van Ark (2003), "The Productivity Problem of the Dutch Economy: Implications for Economic and Social Policies and Business Strategy", *Research Memorandum GD-66*, Groningen Growth and Development Centre, September (downloadable from <a href="http://www.eco.rug.nl/ggdc/pub/">http://www.eco.rug.nl/ggdc/pub/</a>).
- Robert Inklaar, Harry X. Wu and Bart van Ark (2003), ""Losing Ground" Japanese Labour Productivity and Unit Labour Cost in Manufacturing in Comparison to the U.S.", *Research Memorandum GD-64*, Groningen Growth and Development Centre, July (downloadable from <a href="http://www.eco.rug.nl/ggdc/pub/">http://www.eco.rug.nl/ggdc/pub/</a>).
- Bart van Ark, Robert Inklaar and Robert H. McGuckin (2002), ""Changing Gear": Productivity, ICT and Services: Europe and the United States", *Research Memorandum GD-60*, Groningen Growth and Development Centre, December (downloadable from <a href="http://www.eco.rug.nl/ggdc/pub/">http://www.eco.rug.nl/ggdc/pub/</a>).
- Bart van Ark, Johanna Melka, Nanno Mulder, Marcel Timmer and Gerard Ypma (2002), "ICT Investments and Growth Accounts for the European Union 1980-2000", Research Memorandum GD-56, Groningen Growth and Development Centre, September.
- Bart van Ark (2002), "<u>Understanding productivity and income gaps in the OECD area: Are ICT and intangibles the missing links?</u>", *CCSO Quarterly Journal*, Volume 4, No. 1 March.
- Bart van Ark (2001), "<u>The Renewal of the Old Economy: An International Comparative Perspective</u>," *STI Working Paper 2001/5*, OECD, Paris.
- Bart van Ark and E.J. Monnikhof (2000), 'Productivity and unit labour cost comparisons: a data base', Employment Paper 2000/5, International Labour Office, Geneva.
- Marcel Timmer and Bart van Ark (2000), "Capital formation and productivity growth in South Korea and Taiwan: Realising the catch-up potential in a world of diminishing returns", CCSO Quarterly Journal, Volume 2, No. 1 March.
- Bart van Ark, Lourens Broersma and Gjalt de Jong (1999), "<u>Innovation in Services. Overview of Data Sources and Analytical Structures</u>", *Research Memorandum GD-44*, Groningen Growth and Development Centre.

- Jan Pieter Smits, Herman de Jong and Bart van Ark (1999), "<u>Three Phases of Dutch Economic Growth and Technological Change, 1815-1997</u>", *CCSO Quarterly Journal*, Volume 1, No. 3 September and *Research Memorandum GD-42*, Groningen Growth and Development Centre.
- Bart van Ark (1999), "Economic Growth and Labour Productivity in Europe: Half a Century of East-West Comparisons", SOM Research Report 00C01 (downloadable from: http://som.rug.nl/) and Research Memorandum GD-41, Groningen Growth and Development Centre.
- Bart van Ark (1999), "Accumulation, productivity and technology: Measurement and analysis of long term economic growth", *CCSO Working Paper*, 199908, CCSO Centre for Economic Research, University of Groningen.
- Bart van Ark and Jakob de Haan (1997), "<u>The Delta-Model Revisited: Recent Trends in the Structural Performance of the Dutch Economy</u>", *Research Memorandum GD-38*, Groningen Growth and Development Centre.
- Erik Buyst, Guy Dejongh, Bart van Ark and Jan Luiten van Zanden, eds. (1996), "Historical Benchmark Comparisons of Output and Productivity, 1750-1990", CES Discussion Paper, Workshop in Quantitative Economic History Research Paper: 96-03, Centrum voor Economische Studieën, Katholieke Universiteit Leuven.
- Barbara Z. Liberda, Erik J. Monnikhof and Bart van Ark (1996), "Manufacturing Productivity Performance in Poland and West Germany in 1989", *Economic Discussion Papers*, No. 25, Faculty of Economic Sciences, University of Warsaw, May.
- Bart van Ark and Erik Monnikhof (1996), "Size Distribution of Output and Employment: A Data Set for Manufacturing Industries in Five OECD Countries, 1960s-1990", Economics Department Working Papers, no. 166, OECD, Paris.
- Bart van Ark and Jakob de Haan (1996), "Enhancing Growth Through Structural Reform", SOM Research Report 96C16, University of Groningen.
- Bart van Ark (1995), "Sectoral Growth Accounting and Structural Change in Postwar Europe", *Research Memorandum* GD-23, Groningen Growth and Development Centre.
- Bart van Ark (1994), "Measures and Explanations of Productivity. Differences in Manufacturing", *European Competitivity. What Indicators for Industry?*, report of speeches and debates of the seminar organised on 10 November 1994 by DEBA GEIE, Brussels.
- Hans Gersbach and Bart van Ark (1994), "Micro Foundations for International Productivity Comparisons", Research Memorandum, no. 572 (GD-11), Groningen Growth and Development Centre.
- Geoff Mason and Bart van Ark (1993), "Productivity, Machinery and Skills in Engineering: An Anglo-Dutch Comparison", *NIESR Discussion Paper*, No. 36, NIESR, London.
- Bart van Ark, Jakob de Haan and Herman de Jong (1994), "Characteristics of Economic Growth in the Netherlands During the Postwar Period", CEPR Discussion Paper Series, No. 932, Centre for Economic Policy Research, London.
- Angus Maddison and Bart van Ark (1994), "The International Comparison of Real Product and Productivity", *Research Memorandum*, no. 567 (GD-6), Groningen Growth and Development Centre.

- Bart van Ark and Angus Maddison (1994), "An International Comparison of Purchasing Power, Real Output, and Productivity in Manufacturing Industries: Brazil, Mexico and the USA in 1975", Research Memorandum, no. 569 (GD-8), Groningen Growth and Development Centre.
- Nienke Beintema and Bart van Ark (1994), "Comparative Productivity in East and West German Manufacturing before Reunification", CEPR Discussion Paper Series, No. 895, Centre for Economic Policy Research, London; also published as Research Memorandum, no. 550 (GD-5), Groningen Growth and Development Centre.
- Bart van Ark and Remco D.J. Kouwenhoven (1994), "Productivity in French Manufacturing: An International Comparative Perspective", Research Memorandum, no. 571 (GD-10), Groningen Growth and Development Centre.
- Geoff Mason, Bart van Ark and Karin Wagner (1993), "Productivity, Product Quality and Workforce Skills: Food Processing in Four European Countries", *WZB Discussion Paper*, No. FSI 93-309, Wissenschaftszentrum für Sozialforschung, Berlin; and in *NIESR Discussion Paper*, No. 34, NIESR, London.
- Dirk Pilat and Bart van Ark (1991), "Productivity Leadership in Manufacturing, Germany, Japan and the United States, 1973-1989", *Research Memorandum*, No. 456, Institute of Economic Research, Groningen, December (updated version March 1992).
- D.P. Bhatia and B. van Ark (1991), "The Capital Stock in Indian Manufacturing: Estimates and International Comparisons, *IDPAD Occasional Papers and Reprints*, No. 4, Indo-Dutch Alternative in Development, The Hague.
- Bart van Ark (1991), "Manufacturing Productivity in India: A Level Comparison in an International Perspective", *IDPAD Occasional Papers and Reprints*, No. 5, Indo-Dutch Alternative in Development, The Hague.
- Geoff Mason, S.J. Prais and Bart van Ark (1990), "Vocational Education and Productivity in the Netherlands and Britain", *Discussion Paper No. 191*, National Institute of Economic and Social Research, London.
- Angus Maddison and Bart van Ark (1988), *Comparison of Real Output in Manufacturing*, World Bank Working Papers, WPS 5, Washington D.C., June.
- Bart van Ark (1988), "Labour Productivity in Manufacturing: A Comparison of Brazil and the United Kingdom for 1975", *Research Memorandum*, no. 259, Institute of Economic Research, Groningen.
- C.L.J. van der Meer and B. van Ark (1987), "Growth and Productivity in Dutch Agriculture, A Comparative Perspective", in Bart van Ark e.a., "Economic Growth in Northwestern Europe: The Last 400 Years", *Research Memorandum*, No. 214, Institute of Economic Research, Groningen.
- Angus Maddison and Bart van Ark (1987), "International Comparisons of Purchasing Power, Real Output, and Productivity in Manufacturing: A Pilot Study for Brazil, Mexico and the USA, 1975", *Research Memorandum*, No. 231, Institute of Economic Research, Groningen.
- Bart van Ark (1986), "Indonesian Export Growth and Economic Development, 117 Years of Empirical Evidence, 1823 to 1940", *Research Memorandum*, no. 189, Institute of Economic Research, Groningen, May 1986.

## Blogs, Op-eds, etc.1

Note: This list only includes a selection of articles, etc., and does not include videos, newspaper articles and podcasts. A separate record of (co-)authored publications, videos and podcasts from The Conference Board can be obtained <a href="here">here</a>.

Bart van Ark (2020), <u>A Concerted Effort to Tackle the Productivity Puzzle During the Post-COVID Era</u>, The Productivity Institute, 18 December.

Bart van Ark (2020), <u>Summer Recovery in Productivity will be Short Lived, The Productivity Institute</u>, 12 November.

Bart van Ark (2020), Productivity and the Pandemic, The Productivity Institute, 11 May 2020

Bart van Ark and Lynn Franco (2020), <u>Consumers might be too optimistic -- there may be a 'Lehman moment' coming</u>, CNN Business, 11 May.

Bart van Ark and Erik Lundh (2020), <u>Economists: Be skeptical of any claim the US economy will recover quickly</u>, 3 April

Bart van Ark (2019), <u>Structuurvernieuwing in Nederland moet groeidaling afremmen</u>, MeJudice Economic in Debat, October 29.

Bart van Ark (2019), <u>Highly Innovative Companies Outperform The Market But Are Not Insulated From Global Risks</u>, Washington Bytes, Forbes, July 3.

Bart van Ark (2019), When Sizing Up Digital Innovations, Official Statistics Point At Caution (Part 1: Jobs), Washington Bytes, Forbes, June 4.

Bart van Ark (2019), <u>In 2019</u>, <u>The Success Of Tech Will Hinge On Its Users</u>, <u>Not Its Producers</u>, Washington Bytes, Forbes, March 6.

Bart van Ark (2018), We may be missing the productivity revival in the global economy, Financial Times, May 8.

Bart van Ark (2018), At Davos, CEOs must address income inequality, CNBC, 23 January.

Bart van Ark (2017), <u>The Global Economy: A Glass Half Full or Half Empty?</u>, Committee for Economic Development, November 21

Bart van Ark (2016), <u>Making dollars – and sense – out of the New Digital Economy</u>, The Conference Board Economy & Business Environment Blog, May 17.

Bart van Ark (2016), <u>The New Digital Economy is not paying off in terms of higher productivity—yet</u>, The Conference Board Economy & Business Environment Blog, May 17.

Bart van Ark (2016), <u>Recession ahead? How to resolve economic 'trifurcation'</u>, CNBC, Feburary 23.

Bart van Ark (2015), <u>Blaming the productivity slowdown on measurement issues takes our eyes off the ball</u>, The Conference Board Economy & Business Environment Blog, July 22.

Bart van Ark (2014), <u>Can the world get by with 3 percent average growth?</u>, The Conference Board Economy & Business Environment Blog, November 12.

Bart van Ark (2014), <u>Are pessimistic growth forecasts worse than optimistic ones?</u>, The Conference Board Economy & Business Environment Blog, November 10.

Bart van Ark and Marcel Timmer (2010), <u>Angus Maddison: Achter ieder getal een verhaal</u>, MeJudice Economic in Debat, April 29.

<sup>&</sup>lt;sup>1</sup> A separate record of (co-)authored publications, videos and podcasts from The Conference Board can be obtained at <a href="https://www.conference-board.org/bio/index.cfm?bioid=36">https://www.conference-board.org/bio/index.cfm?bioid=36</a>

- Gail Fosler and Bart van Ark (2008), "The U.S. Economy: Getting the Diagnosis Right", The Conference Board, March 2008.
- Bart van Ark (2007), "Verdwijnen van Nederlandse multinationals geen ramp voor Nederlandse economie", Globalisering Kennis Website, Rijksuniversiteit Groningen.
- Bart van Ark (2007), "You Get What You Pay For: Gains from outsourcing jobs to low-wage countries are often offset by low worker productivity", *Worth*, February, p. 40.
- Bart van Ark (2006), "Terwijl globaliseringstrein doordendert, steekt kerk kop in het zand", *Kerk en Stad*, februari.
- Bart van Ark (2005), "Productiviteitsverbetering vergt meer dan ict", *Tijdschrift voor informatie* en management, nr. 9, augustus.
- Bart van Ark (2005), "De goeie ouwe, nieuwe economie", *Economisch Statistische Berichten*, 1 juli, p. 304.
- Bart van Ark (2001), "Nieuwe economie overleeft niet door investeren alleen", *Automatisering Gids*, 29 juni, p. 19.
- Bart van Ark (2000), "De waarde van prijzen", *Economisch Statistische Berichten*, 24 november, p. 943.
- Bart van Ark (2000), "Sociaal kapitaal", Kerk en Stad, no. 14, 21 juli.
- Bart van Ark (2000), "'Oude' bedrijven haken aan bij nieuwe economie", *Automatiseringsgids*, 30 juni, p. 17.
- Bart van Ark (2000), "Een 'Nieuwe Economie'? Tien redenen waarom economen er maar niet aan willen", *Economisch Magazine*, no. 3, juni, pp. 43-45.
- Bart van Ark (2000), "De economie en migranten", Kerk en Stad, no. 10, 19 mei.
- Bart van Ark (2000), "Van een nieuwe economie ... naar een productieve economie", Economische groei verklaard: hoe reëel is de nieuwe economie?, Creative Destruction Symposium, 19 april.
- Bart van Ark (1999), "Human capital as a contributor to growth slowdown?", *CPB Report*, no. 4, p. 57-58.
- Robert McGuckin and Bart van Ark (1998), "Perspectives on a Global Economy: Asia after the Crisis -Challenges for a Return to Rapid Growth", *Chief Executive Digest*, vol. 2, no. 3, The Conference Board.
- Bart van Ark (1998), "Productivity in a Global Economy", in The Conference Board, *Understanding People Factors in the Quest for Competitiveness*, Council Report 1220-98-CR.
- Bart van Ark (1998), "Duitsland moet het in de breedte zoeken", *Economisch Statistische Berichten*, 30 januari, p. 71.
- Bart van Ark (1997), "Challenging Partners", CPB Report, no. 4, p. 56.
- Bart van Ark (1994), "Automatisering blijft lastig voor statistici", *Automatiseringsgids*, 11 March.

#### **Bookreviews**

- "In Search of the Silver Bullet for Productivity Growth", review article of W.W. Lewis (2004), "The Power of Productivity" and M.N. Baily and J.F. Kirkegaerd (2004), "Transforming the European Economy", *International Productivity Monitor*, Spring 2005.
- O'Mahony, M., "Britain's Relative Productivity Performance, 1950-1996," *The Economic Journal*, 2001.

- Smits, J.P., E. Horlings en J.L. van Zanden, "Dutch GNP and its components, 1800-1913," in *NEHA Bulletin voor de economische geschiedenis*, vol. 14, no. 2, 2000
- Snooks, G.D., "The Dynamic Society. Exploring the Sources of Global Change", in *NEHA Bulletin voor de economische geschiedenis*, vol. 13, no. 1, 1999
- Jorgenson, D.W., "Productivity, Postwar U.S. Economic Growth (vol. 1)", and "Productivity, International Comparisons of Economic Growth (vol. 2)", in *Journal of the Japanese and International Economies*, vol. 12, June 1998.
- Maddison, A., "Explaining the Economic Performance of Nations. Essays in Space and Time", in *The Economic Journal*, September 1996.
- Eichengreen, B., ed. "Europe's Post-war Recovery", in *De Economist*, Vol. 145, No. 3, October 1997
- Foss, M.F., M.E. Manser and A.H. Young, eds., "Price Measurements and Their Uses", in *The Economic Journal*, January 1995.
- Urquhart, C. and Associates, "Gross National Product, Canada 1870-1926: The derivation of estimates", in *Journal of Economic Literature*, vol. XXXII, December 1994.
- Dollar, D. and E.N. Wolff, "Competitiveness, Convergence and International Specialization, in *The Economic Journal*, vol 104, no. 127, November 1994.
- Y. Kurabayashi and I. Sakuma, "Studies in International Comparisons of Real Products and Prices", in *The Economic Journal*, May 1992.
- H.H. de Haan, "Alternatives in Industrial Development, Sugarcane Processing in India", in *De Economist*, No. 3, 1990.
- Ian M.D. Little, Dipak Mazumdar and John M. Page jr., "Small Manufacturing Enterprises: A Comparative Analysis of India and Other Economies", in *The Journal of Development Studies*, No. 3, 1989.
- I.J. Ahluwalia, Industrial Growth in India, Stagnation Since the Mid-Sixties, and D.P. Bhatia, Inter-Class Distribution and Growth of Net National Product in a Developing Economy, A Case Study of India During the Sixties, in *De Economist*, No. 4, 1987.