

# Eric J. Bartelsman

## Work Address

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## Home Address

Plantage Muidergr. 13d  
1018 TK Amsterdam  
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DOB June 3, 1960

## Education

COLUMBIA UNIVERSITY New York NY  
M.Phil. May 1986, Ph.D. in Economics January 1991.  
Thesis Title: Three Essays on Productivity Growth.  
Sponsor: Phoebus J. Dhrymes.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY Cambridge MA  
B.S. in Economics June 1981.

## Experience

VRIJE UNIVERSITEIT Amsterdam  
April 2009---present Chair, Dept. of Economics.  
January 2000---present Professor of Economics.  
January 2000—March 2005 Director, Economic and Social Institute.  
September 1994—September 1995. Post-doc research fellow.

STATISTICS NETHERLANDS Voorburg  
April 2001—December 2003. Advisor to Board of Directors.

MINISTRY OF ECONOMIC AFFAIRS The Hague  
April 1998—December 1999.  
Head of Economic Research Unit, Economic Policy Directorate.  
March 1996—March 1998.  
Economic Advisor, Central Planning Bureau.

FEDERAL RESERVE BOARD Washington DC  
September 1989—March 1996 (on leave, 9/94—9/95).  
Economist in the Division of Research and Statistics, Industrial Output Section.

COLUMBIA UNIVERSITY New York NY  
1983—1989.  
Lecturer, Teaching Assistant, and Graduate Student in the Department of Economics.  
MacArthur Fellow, Department of Political Science.

INTERNATIONAL MONETARY FUND Washington DC  
Summer 1985. Intern in Western Hemisphere Division.

DE NEDERLANDSCHE BANK Amsterdam  
Summer 1984. Intern in the Econometrics Department.

DATA RESOURCES INC. Lexington MA  
1981—1983. Research Assistant in Energy Economics Division.

## **Organisational and Advisory Tasks**

Visiting Research Fellow, European Central Bank, 2013-14  
Research Fellow, DG ECFin, European Commission 2012-13  
Member, Scientific Committee, Comparative Analysis of Enterprise Data  
Chairman, User Selection Panel, DataWithoutBoundaries, FP7, 2011-13  
Member, Netherlands Council of Economic Advisors (REA), 2007-08  
Member, Central Planning Commission (CPC), The Netherlands  
Chairman, Steering Committee 'Digital Economy,' Statistics Netherlands  
Member Advisory Boards, Price and Economic Statistics, Statistics Netherlands  
Member, Policy Review Board - Innovation Policy (IBO), The Netherlands  
International coordinator, OECD project: firm-level growth indicators, 2000-01  
Co-organizer international conference CAED'99, August 1999  
Member, Steering committee, OECD Working Party 1, 1998-1999  
Head of Netherlands delegation to OECD Working Party 1, 1998-1999  
Director, Bofeb - Post-graduate training program, The Hague, 1998-99  
Project Leader, Competition Policy, CPB, 1996-97  
Organizer of Seminar Series "Competition Policy," The Hague, 1996-97  
Co-Organizer of two-day conference titled: Microeconomic Foundations of Macroeconomics, Washington DC, May 1991

## **Information Technology Experience**

Designer, Federal Reserve Productivity Research Data System, 2000-05  
Academic Advisor, Eurostat ICT Impact and ESSLimit Projects 2007-2012  
Member, IT planning committee, Economic Affairs Ministry 1998-99  
Experienced SAS programmer

## **Professional Duties**

Referee for *American Economic Review*, *Econometrica*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Journal of Public Economics*, *Journal of Econometrics*, *Miscellaneous other journals*, *National Science Foundation Economics Program*, *Netherlands Science Foundation (NWO) Economics Program*

## **Conferences**

National Bureau of Economic Research, Summer Workshops (Productivity)  
Conference on Research in Income and Wealth, CRIW 2002---2005  
International Conference on Comparative Analysis of Enterprise Data, CAED 1996-2012, keynote speaker in 2005, 2009

## **Grants and Awards**

Member Mngt Cmt of EU COST Network IS0701 Firm Dynamics  
Fellow, Tinbergen Institute  
Fellow IZA, Bonn  
Netherlands Science Foundation, NWO/SZW, 2010-2012, 'The effect of labor market institutions on technology adoption'  
Consortium member of EU 6<sup>th</sup> Framework Programme EUKLEMS  
Netherlands Science Foundation, NWO-MES, 2002-2004, 'National Income and Growth Accounting in the Information Economy'  
MacArthur Fellow, Dept of Political Science, Columbia University 1985-86

## Publications

### Journal Articles

**Bartelsman, Eric J., and Zoltan Wolf**, “Forecasting Aggregate Productivity using Information from Firm-level Data”, (accepted for publication, *Review of Economics and Statistics*)

**Bartelsman, Eric J., John Haltiwanger, and Stefano Scarpetta**, “Cross Country Differences in Productivity: The role of allocation and selection”, *American Economic Review*, 103(1), 2013, pp. 305--334.

**Bartelsman, Eric J.**, “Searching for the Sources of Productivity: from macro to micro and back”, *Industrial and Corporate Change*, 19(6), 2010, pp. 1891--1917.

**Bartelsman, Eric J., John Haltiwanger, and Stefano Scarpetta**, “Cross country and within country differences in business climate”, *International Journal of Industrial Organization*, 28 (July), 2010.

**Bartelsman, Eric J., John Haltiwanger, and Stefano Scarpetta**, “Measuring and analyzing cross-country differences in firm dynamics, in *Producer Dynamics*, Timothy Dunne, J. Bradford Jensen, and Mark Roberts, eds., NBER Studies in Income and Wealth, Volume 68, University of Chicago Press, 2009, pp. 15-82.

**Corrado, C., Lengermann, P., Bartelsman, E.J. and J. J. Beaulieu**, “Sectoral Productivity in the United States: Recent Developments and the Role of IT”, *German Economic Review*, 8(2), 2007, 188-210.

**Bartelsman, Eric J. and J. Joseph Beaulieu**, “A Consistent Accounting of US Productivity Growth,” in *Hard to measure goods and services: Essays in honor of Zvi Griliches*, Ernst R. Berndt and Charles M. Hulten, eds., Volume 67, NBER/University of Chicago Press, 2007, pp. 449-482.

**Beaulieu, J. Joseph and Eric J. Bartelsman**, “Integrating expenditure and income data: what to do with the statistical discrepancy?”, in *A New Architecture for the U.S. National Accounts* Dale W. Jorgenson, J. Steven Landefeld and William D. Nordhaus, eds., NBER Studies in Income and Wealth, Volume 66, University of Chicago Press, 2006, pp. 309—354.

**Bartelsman, Eric J. and Jeroen Hinloopen**, “Unleashing animal spirits: ICT and economic growth,” in Soete, L and ter Weel, B, eds. *The Economics of the Digital Economy*, 2005, Edward Elgar Publishing Ltd.

**Bartelsman, Eric J., Stefano Scarpetta, and Fabiano Schivardi**, “Comparative Analysis of Firm Demographics and Survival: Micro-level Evidence for the OECD countries,” *Industrial and Corporate Change*, 2005, 14(3), pp. 365-91.

**Bartelsman, Eric J.**, “Firm dynamics and innovation in the Netherlands,” *De Economist*, 152(3), September 2004, pp. 353-363.

**Bartelsman, Eric J., and Henri L.F. de Groot**, “Integrating Evidence of the Determinants of Productivity” in G. Gelauff, L. Klomp, and T. Roelandt, eds, “*Fostering Productivity: Patterns, determinants and policy implications*,” 2004, Contributions to Economic Analysis, Volume 263, Elsevier.

**Bartelsman, Eric J., Andrea Bassanini, John Haltiwanger, Ron Jarmin, Stefano**

**Scarpetta, and Thorsten Schank**, "The Spread of ICT and Productivity Growth: Is Europe Really Lagging Behind in the New Economy?" in D. Cohen, P. Garibaldi and S. Scarpetta, eds, *The Information Economy: Productivity Gains and the Digital Divide*, 2004, Oxford University Press.

**Bartelsman, Eric J. and Roel M.W.J. Beetsma**, "Why pay more? Corporate tax avoidance through transfer pricing in OECD Countries," *Journal of Public Economics*, 2003, **87**(9-10), pp. 2225-2252.

**Bartelsman, Eric J.**, "Discussion of Matching Demand and Supply in a Weightless Economy: Market-driven Creativity with and without IPRs", *De Economist*, 2002, **150**(4), pp. 405-408.

**Baily, Martin N., Eric J. Bartelsman, and John Haltiwanger**, "Labor Productivity: Structural Change and Cyclical Dynamics," *Review of Economics and Statistics*, August 2001, **83**(3), pp. 420-433.

**Bartelsman, Eric J. and Mark E. Doms**, "Understanding Productivity: Lessons from Longitudinal Micro Datasets," *Journal of Economic Literature*, September 2000, **38**(3), pp. 569-594.

**Bartelsman, Eric J. and Bert M. Balk**, "Enterprise Microdata for Comparative Analysis and Policy Research: An annotated review of CAED'99 and related research," *Proceedings CAED'99*, CD-Rom, Statistics Netherlands, Voorburg, June 2000.

**Bartelsman, E.J.** "Productivity, Wage Moderation, and Specificity in Factor Inputs," in: Bart van Ark, Simon K. Kuipers and Gerard H. Kuper (eds.), *Productivity, Technology and Economic Growth*, Kluwer Academic Press, p. 227-252, 2000.

**Bartelsman, Eric J.**, "Productivity and Specificity in Factor Inputs," in *Macro and microdata: Statistical analysis and comparisons*, S. Biffignandi, ed., Springer Verlag, 1999.

**Bartelsman, Eric J., George van Leeuwen, and Henry R. Nieuwenhuijsen**, "Adoption of Advanced Manufacturing Technology and Firm Performance in the Netherlands," *Economics of Innovation and New Technology*, Vol. **6**, pp 291-312, 1998.

**Bartelsman, Eric, de Bijl, Paul, and Canoy, Marcel**, "The jigsaw puzzle of policy and dynamics: who can put the pieces together?" *De Economist*, **146**(3), pp. 495-500, 1998.

**Bartelsman, Eric J. and Phoebus J. Dhrymes**, "Productivity Dynamics: U.S. Manufacturing Plants 1972-1986," *Journal of Productivity Analysis*, **9**(1), pp. 5-33, January 1998.

**Bartelsman, Eric J., and ten Cate, Ph.A.**, "Competition in healthcare: A Dutch experiment," *CPB Report*, **1997/4**, pp. 34--38, December 1997.

**Bartelsman, Eric J., George van Leeuwen, and Henry R. Nieuwenhuijsen**, "Advanced Manufacturing Technology and Firm Performance in the Netherlands," *Netherlands Official Statistics*, Vol. **11**, pp. 40-51, Autumn 1996.

**Bartelsman, Eric J., George van Leeuwen, Henry R. Nieuwenhuijsen, and Kees Zeelenberg**, "R&D and productivity growth: Evidence from Firm-Level Data for the Netherlands," *Netherlands Official Statistics*, Vol. **11**, pp. 52-69, Autumn 1996.

**Baily, Martin N., Eric J. Bartelsman, and John Haltiwanger**, "Downsizing and Productivity Growth: Myth or Reality?," *Small Business Economics*, August 1996, **8**(4), pp.

259--278. Also appears in David G. Mayes, ed., *Sources of Productivity Growth*, Cambridge: Cambridge University Press, 1996, chapter 12, pp. 263--288.

**Bartelsman, Eric J.**, "Of Empty Boxes: Returns to Scale Revisited," *Economics Letters*, July 1995, **49**(1), pp. 59--67.

**Bartelsman, Eric J., Ricardo J. Caballero, and Richard K. Lyons**, "Customer and Supplier Driven Externalities," *American Economic Review*, September 1994, **34**(84-4), pp. 1075--84.

**Bartelsman, Eric J.**, "Three Essays on Productivity Growth," Ph.D. Dissertation, Columbia University, January 1991.

**Published (In Dutch)**

**Bartelsman, Eric J.**, “Passend Beleid in Tijden van Welvaart en Overvloed,” 2013.

**Bartelsman, Eric J., Pieter A. Gautier, en J. de Wind**, “Ontslagbescherming en houdbare overheidsfinancien”, *Economisch Statistische Berichten*, 28 mei 2010, **95**(4586), pp. 347-48.

**Bartelsman, Eric J.**, “Ooggetuigen: Reflecties op de crisis”, *Economisch Statistische Berichten*, Januari 2010, **95**(4577), pp. 52-53. (also appears in A. Jolink (ed), “Oggetuigen van de Crisis,” SDU Uitgevers Den Haag, 2010.)

**Bartelsman, Eric J.**, “Vuur met vuur bestrijden” *TPEDigitaal*, 2009, 3(1), pp. 32-47.

**Bartelsman, Eric J.**, “Een kans voor ICT-Beleid,” *Economisch Statistische Berichten*, September 2006, **91**(4494s), pp. 4-8.

**Wesseling, Tinke, Eric Bartelsman, Carolien Rens, en Sanne Geurts**, “Daar wordt aan de deur geklopt”, *Sociaal Bestek*, **68**(3), 2006, pp. 16-21.

**Bartelsman, Eric J.**, “Productivitet valt niet uit de hemel”, in *Meesters van de Welvaart: Top economen over Nederland*, red: Harry van Dalen en Frank Kalshoven, 2002, pp. 145-158, Amsterdam: Balans.

**Bartelsman, Eric J.**, “Hogere lonen: geen angst voor inflatie”, *De Helling*, **14**(3), 2001.

**Bartelsman, Eric J.**, “Microdynamiek: De economische vernieuwing in beeld”, in *Vernieuwende Economie: Nieuwe Statistiek*, Centraal Bureau voor de Statistiek, Voorburg/Heerlen, 2001.

**Bartelsman, Eric J.**, “De nieuwe economie: een oude bekende”, *Tijdschrift Politieke Economie*, **22**(4), 2001.

**Bartelsman, Eric J., and H.B.J.B. Maas**, “Theorie en statistieken,” *Economisch Statistische Berichten*, March 15, 2001, **86**(4299), pp. 27 - 30.

**Bartelsman, Eric J., and J. Hinloopen**, “De verzilvering van een groeibeloofte,” in *Preadviezen van de Koninklijke Vereniging voor de Staathuishoudkunde 2000: ICT en de nieuwe economie*, red. Luc Soete, december 2000, pp. 61-81, Utrecht:Lemma.

**Bartelsman, Eric J., and Roel M.W.J. Beetsma**, “Fiscus en statisticus misleid,” *Economisch Statistische Berichten*, November 10, 2000, **85**(4280), pp. 909 – 910.

**Bartelsman, Eric J.**, “Krijg ik vandaag schoolmelk?” *Economisch Statistische Berichten*, October 27 10, 2000, **85**(4277), p. 847.

**Bartelsman, Eric J.**, “De nieuwe economie: een oude bekende”, Inaugurele rede, Vrije Universiteit, 21 September 2000, Amsterdam: VU Boekhandel/Uitgeverij. ISBN 90-5383-731-0.

**Bartelsman, Eric J., and Marcel F.M. Canoy** “De gesel van de vezel,” *Economisch Statistische Berichten*, June 2000, **85**(4261), pp. 18 – 22.

**Bartelsman, Eric J., and J. Hinloopen**, “ICT en economische groei,” *Economisch Statistische Berichten*, May 2000, **85**(4254), pp. 376 - 379.

**Bartelsman, Eric J.**, “Welvaart en Duurzaamheid,” *Economisch Statistische Berichten*, February 2000, **85**(4242), pp. 119.

**Bartelsman, Eric J., and Ed Westerhout,** "Teveel budget per bed," *Economisch Statistische Berichten*, October 1999, 84(4170), pp. 5—8.

**Bartelsman, Eric J., Canoy, Marcel, Van Ewijk, Casper, and Ben Vollaard,** "Economie van publiek private samenwerking," *Economisch Statistische Berichten*, October 1998, 83(4170), pp. 5—8. . Also appears in: A.L. Bovenberg et al., eds., *Jaarboek 1998/1999 Koninklijke Vereniging van Staatshuishoudkunde*, pp. 49--55, ESB, Rotterdam, 1999.

**Bartelsman, Eric J., de Bijl, Paul, and Canoy, Marcel,** "De onzichtbare hand grijpt naast nieuwe markten," *Economisch Statistische Berichten*, June 1998, 83(4156), pp. 23--26

**Bartelsman, Eric J., and ten Cate, Ph.A.,** "Een Gezonde Markt of een Politieke Zorg," *Tijdschrift voor Politieke Economie*, 20(2), pp. 179--193, November 1997. Also appears in: F.W. Rutten et al., eds., *Jaarboek 1997/1998 Koninklijke Vereniging van Staatshuishoudkunde*, pp. 161--172, ESB, Rotterdam, 1998.

**Bartelsman, Eric J.,** "Creatieve Theorie, Creatief Beleid," *Economisch Statistische Berichten*, June 1997, 82(4112), pp. 519.

**Bartelsman, Eric J., George van Leeuwen, and Henry R. Nieuwenhuijsen,** "Industriële Automatisering Goed voor Economie," *CBS Industriemonitor*, pp. 6-8, Augustus 1997.

**Bartelsman, Eric J., George van Leeuwen, and Henry R. Nieuwenhuijsen,** "Werken met Industriële Automatisering," *CBS Index*, 4(7), pp. 4-5, Juli/Augustus 1997.

**Bartelsman, Eric J., George van Leeuwen, and Henry R. Nieuwenhuijsen,** "De industrie: banenschepper of banenvernietiger?," *Economisch Statistische Berichten*, May 1995, 80(4012), pp. 504--8.

## Working Papers

**Bartelsman, Eric J., Pieter A. Gautier, and Joris de Wind**, “Employment Protection, Technology Choice, and Worker Allocation” (revise and resubmit).

**Bartelsman, Eric J.**, “ICT, Reallocation, and Productivity” , DG ECFIN Working Paper, 2013.

**Bartelsman, Eric J., Stefano Scarpetta, and Enrico Perotti**, “Barriers to Exit, Experimentation, and Comparative Advantage, draft 2008.

**Bartelsman, Eric J., J. Joseph Beaulieu, Carol A. Corrado, and Paul Lengermann**, “Modeling Aggregate Productivity at a Disaggregate Level: New results for U.S. sectors and industries”, draft July. 2006 (presented at NBER Summer Institute).

**Bartelsman, Eric J., Jonathan Haskel and Ralf Martin**, “Distance to which frontier? Evidence on productivity convergence from international firm-level data”, draft, March 2008.

**Bartelsman, Eric J., John Haltiwanger, and Stefano Scarpetta**, “Microeconomic evidence of creative destruction in industrial and developing countries,” World Bank Policy Research Working Paper 3464, December 2004.

**Bartelsman, Eric J. and Stefano Scarpetta**, “Experimentation within and between firms: Any role for policy and institutions?, draft, January 2004.

**Bartelsman, Eric J.** "Productivity Growth in Jamaica 1990 - 2001: An exploratory Analysis, prepared for the World Bank.

**Bartelsman, Eric J. and Matthew Barnes**, “Comparative Analysis of Firm-level Data: a low marginal cost approach,” report presented at OECD, November 2001.

**Bartelsman, Eric J. and George van Leeuwen**, “The Netherlands Contribution to the OECD Firm-level Growth Study,” mimeo, June 2001.

**Bartelsman, Eric J. and Roel M.W.J. Beetsma**, “Profit Shifting and Productivity Mismeasurement,” Tinbergen Institute working paper 2000-097/2, October 2000 ([PDF](#)).

**Bartelsman, Eric J. and Jeroen Hinloopen**, “Accommoderende Economische Politiek voor de Informatiemaatschappij,” mimeo, January 2000.

**Bartelsman, Eric J. and Egbert Jongen**, “High Tech Prospecting and Gross Job Flows,” mimeo, 1999.

**Bartelsman, Eric J. and Wayne Gray**, “The NBER Manufacturing Productivity Database,” NBER Technical Working Paper Series 205 October 1996.

**Bartelsman, Eric J., George van Leeuwen, Henry R. Nieuwenhuijsen, and Kees Zeelenburg**, “R&D and Productivity Growth: Evidence from Firms in the Netherlands,” June 1996.

**Bartelsman, Eric J. and William P. Cleveland**, “Joint Seasonal Adjustment of Economics Timeseries,” FEDS # 93-28, Federal Reserve Board, August 1993.

**Bartelsman, Eric J., Ricardo J. Caballero, and Richard K. Lyons**, “Short and Long Run Externalities,” NBER Working Paper Series 3810, 1991.



**Bartelsman, Eric J.**, “Federally Sponsored R&D and Productivity Growth,” FEDS # 121, Federal Reserve Board, April 1990.

**Bartelsman, Eric J.**, “R&D Spending and Manufacturing Productivity, an Empirical Analysis,” FEDS # 122, Federal Reserve Board, April 1990.