## International Productivity Monitor

The International Productivity Monitor is published by the Centre for the Study of Living Standards (CSLS) and The Productivity Institute (TPI) to support policy analysis and development in the productivity area. The objective of the *Monitor* is to focus attention on the importance of productivity for improving living standards and quality of life. The *Monitor* publishes high-quality articles on productivity issues, trends and developments in Canada, United Kingdom and other countries and serves as a vehicle for the international discussion of productivity topics. Print and on-line versions are published twice a year. The articles are largely non-technical in nature and understandable to a wide audience of productivity researchers and analysts as well as the general public. The publication is distributed electronically to anyone interested in productivity issues on a complimentary basis. While most articles are invited, submissions will be considered.

### Editors

Andrew Sharpe Centre for the Study of Living Standards

Bart van Ark University of Manchester and The Productivity Institute

### Editorial Board

Jonathan Barr Innovation, Science and Economic Development Canada

Dan Brown Ontario Ministry of Finance

Beata Caranci TD Bank

Statistics Canada Wulong Gu Nelson Paterson Finance Canada

Mary O'Mahony King's College, London and The Productivity Institute

Bank of Canada Eric Santor

Tim Sargent Centre for the Study of Living Standards

## International Advisory Committee Dan Andrews OECD

Dan Andrews

Martin N. Baily Brookings Institution Stanford University Nicholas Bloom NEOMA Business School Gilbert Cette Paul Conway Reserve Bank of New Zealand University of British Columbia Erwin Diewert Lucy Eldridge U.S. Bureau of Labor Statistics

INSEAD and Federal Reserve Bank of San Francisco John Fernald

Dennis Fixler U.S. Bureau of Economic Analysis Kevin Fox University of New South Wales

Barbara Fraumeni Central University for Economics and Finance

Robert J. Gordon Northwestern University Jonathan Haskel Imperial College

University of Ğroningen Robert Inklaar

Lawrence Jeffrey Johnson International Labour Organization

Megan MacGarvie Boston University Josh Martin Bank of England

Giuseppe Nicoletti Libera Università Internazionale degli Studi Sociali

Pascal Petit Université Paris-Nord

Marshall Reinsdorf International Monetary Fund, retired

Rebecca Riley UK Economic Statistics Centre of Excellence

Paul Schreyer OECD

Wellesley College Daniel Sichel

Anna Stansbury MIT

University of Chicago Chad Syverson

Ilya Voskoboynikov Higher School of Economics, Moscow

Edward Wolff New York University Harry Wu Peking University

The opinions and views expressed in the *Monitor* are not necessarily those of the institutions with which members of the International Advisory Committee are affiliated.

Centre for the Study of Living Standards 170 Laurier Avenue West, Suite 604, Ottawa, Ontario, K1P 5V5, Canada www.csls.ca

The Productivity Institute Alliance Manchester Business School, Booth Street West, Manchester, M15 6PB, United Kingdom www.productivity.ac.uk



# The Centre for the Study of Living Standards

THE CENTRE FOR THE STUDY OF LIVING STANDARDS (CSLS) is a national, independent, not-for-profit research organization which began operations in August 1995. Its objectives are twofold. First, to contribute to a better understanding of trends and determinants of productivity, living standards, and economic well-being in Canada through research. Second, to contribute to public debate by developing and advocating specific policies to improve the standard of living of Canadians.

The activities of the CSLS are motivated by the following general principles:

- 1) in the long run, productivity growth is the key to improved living standards;
- 2) in the short to medium term, elimination of any output gap is the most effective way to raise living standards;
- 3) the equitable sharing of productivity gains among all groups in society is an essential element of the economic growth process;
- 4) increased cooperation among the various groups which make up our society can contribute significantly to better living standards; and
- 5) reliable data are crucial to the monitoring and analysis of living standards and to the development of effective policies to increase living standards.

A BOARD OF DIRECTORS composed of well-known economists and persons with experience in economic policy making at a senior level directs the activities of the CSLS. The following individuals currently serve on the Board:

ChairMichael HorganExecutive DirectorAndrew SharpeSecretary/TreasurerRichard Van Loon

Board MembersDonn FeirJock A. FinlaysonDavid GreenHelen Heslop

Maureen O'Neil Lars Osberg

Lawrence Schembri



### The Productivity Institute

The Productivity Institute is a UK-wide research organization exploring what productivity means for business, for workers and for communities – how it is measured and how it truly contributes to increased living standards and well-being. We aim to pinpoint the causes of the stagnation in UK productivity and focus energies to laying the foundations for a new era of sustained and inclusive productivity growth.

The Productivity Institute is made possible by an initial five-year grant from the Economic and Social Research Council in the UK. The institute's academic partners include the University of Manchester, where the Institute is also headquartered, and the universities of Cambridge, Glasgow, Sheffield and Warwick, King's College London, Queen's University Belfast as well as the National Institute of Economic and Social Research and the Economic Statistics Centre of Excellence.

#### Research

The Productivity Institute's research from across the UK and overseas covers eight key research areas including human capital, organizational capital, knowledge capital, institutions and governance, geography and place, macroeconomic trends and policy, measurement and methods, and social, environmental and technological transitions. Expertise is drawn from social sciences, engineering, physics, political science, business management, innovation research and data science.

### **Business**

Eight Regional Productivity Forums of which five across England as well as in Northern Ireland, Scotland and Wales are underway to inform and shape the development and implementation of the institute's research agenda and practical business interventions and supported by partner universities.

### Policy

Our Productivity Commission is an independent academic advisory group directed at finding policy solutions to the productivity puzzle.

Chair Governing Council
Managing Director
Research Director
Engagement and Impact Director
Head of Operations
Executive Committee Members

Dame Kate Barker
Bart van Ark
Mary O'Mahony
Nicola Pike
Charlotte Jones
Jagjit Chadha
Diane Coyle
Kenneth McPhail
Stephen Roper