UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

UNCTAD PRODUCTIVE CAPACITIES INDEX

Methodological Approach and Results





UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

UNCTAD PRODUCTIVE CAPACITIES INDEX

Methodological Approach and Results

CTAL



UNITED NATIONS Geneva, 2021

© 2021 United Nations

This work is available through open access, by complying with the Creative Commons licence created for intergovernmental organizations, at http://creativecommons.org/licenses/by/3.0/igo/.

The designations employed and the presentation of material on any map in this work do not imply the expression of any opinion whatsoever on the part of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Photocopies and reproductions of excerpts are allowed with proper credits.

This publication has not been formally edited.

United Nations publication issued by the United Nations Conference on Trade and Development.

eISBN: 978-92-1-005409-6

UNCTAD/ALDC/2020/3

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	
FOREWORD	
INTRODUCTION	
METHODOLOGY	
DATA	
RESULTS	
INFOGRAPHICS	
APPENDIX I INPUT VARIABLES	51
APPENDIX II INDICATORS	52
APPENDIX III SENSITIVITY ANALYSIS	54
APPENDIX IV MULTIVARIATE ANALYSIS	55
APPENDIX V CRONBACH'S ALPHA	57
APPENDIX VI CORRELATION MATRIX	59
REFERENCES	60

ACKNOWLEDGEMENTS

The UNCTAD Productive Capacities Index (PCI) is the outcome of United Nations Development Account Project 1617M, titled "Indices for benchmarking productive capacities for evidence-based policymaking in landlocked developing countries". It was prepared under the overall guidance of Paul Akiwumi, Director, Division for Africa, Least Developed Countries and Special Programmes.

The PCI, as part of the overall project, was prepared by a team led by Mussie Delelegn, Chief, Landlocked Developing Countries Section, and consisting of Moritz Meier-Ewert, Economic Affairs Officer, Johanna Silvander, Programme Management Officer, Alberto Munisso, Associate Expert, and Sonia Bouali, Individual Contractor, Landlocked Developing Countries Section. Stefanie Garry, Office of the Director, provided additional support. Patrick Osakwe, Head, Trade and Poverty Branch, provided substantive inputs and feedback. Valuable consultancy services in refining the methodological design and statistical framework were provided by Yohannes Kinfu, Associate Professor, Faculty of Health, University of Canberra. Michael Bratt provided consultancy services and Cédric Houdré was responsible for the initial statistical and methodological foundation. Country case studies were developed by Montle Nicole Phutego (Botswana), Vanxay Sayavong (Lao People's Democratic Republic) and Leonard Mugisha Mungarulire (Rwanda). Comments and suggestions from UNCTAD colleagues, including Lisa Borgatti, Junior Davis and Rolf Traeger and the Least Developed Countries Report team, are gratefully acknowledged.

The index and the study benefited from substantial inter-agency cooperation and were strengthened through a rigorous peer review process. Contributions were provided by Jacob Assa (United Nations Department of Economic and Social Affairs), Nour Barnat (UNCTAD), Fernando Cantu-Bazaldua (UNCTAD), Pedro Conceição (United Nations Development Programme), Yohannes Kinfu, Milorad Kovacevic (United Nations Development Programme), Stephen MacFeely (UNCTAD), Anu Peltola (UNCTAD) and Soon Seng Benson (United Nations Statistics Division). Academic reviews were conducted by Xiaowen Fu

(Professor, Department of Industrial and Systems Engineering, Hong Kong (China) Polytechnic University; Editor, Transport Policy; Vice-President, Air Transport Research Society) and Yohannes Kinfu. The preliminary concepts and theoretical underpinnings were discussed at a brainstorming meeting on building productive capacities in structurally weak developing economies, held in Geneva on 29 and 30 June 2017. Participants included Rosemary Atieno Msonga (University of Nairobi), Michael Bratt, Matthias Bruckner (United Nations Department of Economic and Social Affairs), Pedro Conceição, Daniel Gay (United Nations Department of Economic and Social Affairs), Tarcisio Hardman Reis (International Transport Association), Adot Killmeyer-Oleche Air (United Nations Industrial Development Organization), Jean-Marc Kilolo (International Trade Centre), Yohannes Kinfu, Ayodele Odusola (United Nations Development Programme), Margaret Sengwaketse (Botswana Institute for Development Policy Analysis) and Collin Zhuawu (former trade adviser, Commonwealth Secretariat). The following UNCTAD colleagues also participated: Paul Akiwumi, Josué Banga, Mussie Delelegn, Paulette Diakite-Lacroix, Tamara Gregol De Farias, Regina Ledesma, Riba Matfobhi, Benjamin McCarthy, Yumiko Mochizuki, Nicole Moussa, Patrick Osakwe, Rolf Traeger and Giovanni Valensisi. The index and this study were validated at a peer review meeting held in Windhoek on 8 April 2019. UNCTAD gratefully acknowledges the participation of the following experts, who provided beneficial comments: Laronna Kaisara (Statistics Botswana), Yohannes Kinfu, Chukwuka Onyekwena (Centre for the Study of the Economies of Africa), Lizl Stoman (Survey Warehouse) and Collin Zhuawu.

The cover was prepared by Magali Studer. The project team is grateful for the overall layout, graphics and desktop publishing provided by Juan Carlos Korol.

Project management support was provided by Yan Zhang and Marina Cartier-Kayayan. Secretarial and administrative support to the project and the preparation of the study was provided by Paulette Lacroix, Regina Ledesma and Sylvie Guy.

FOREWORD

Measuring and benchmarking productive capacities globally reveals significant gaps, not only between developed and developing economies, but also among developing countries themselves. The new Productive Capacities Index (PCI) of UNCTAD demonstrates that differences in socioeconomic development across countries and regions are a consequence of gaps in their productive capacities. Structurally weak and vulnerable economies, including the least developed countries (LDCs) and landlocked developing countries (LLDCs) perform particularly poorly on PCI.

These persistent development challenges have been further compounded by novel external shocks and instability, including the coronavirus disease (COVID-19) pandemic, climate change effects, a collapse in global commodity prices and waning trust in multilateralism.

Building the economic resiliency of developing countries remains a daunting challenge. It depends fundamentally on creating, maintaining and using productive capacities to advance development. This will require a shift from the current fragmented and project-based interventions towards coherent, economy-wide and programme-based approaches to removing binding constraints on development. Actions and interventions at the domestic level need to be supported and complemented by additional robust international support.

预览已结束, 完整报告链接和二维码如下:



https://www.yunbaogao.cn/report/index/report?reportId=5_8678