



# Measuring the Information Society



2012



I n t e r n a t i o n a l   T e l e c o m m u n i c a t i o n   U n i o n

# Measuring the Information Society

2012



© 2012 ITU  
International Telecommunication Union  
Place des Nations  
CH-1211 Geneva Switzerland

Original language of publication: English.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the International Telecommunication Union.

ISBN 978-92-61-14071-7

## Foreword

It is my pleasure to present to you the 2012 edition of *Measuring the Information Society*. Now in its fourth year, this annual report draws on innovative and authoritative benchmarking tools developed by ITU to monitor information-society developments worldwide as well as to provide valuable information for use in formulating evidence-based policies and in effective peer learning.

The report presents the *ICT Development Index (IDI)*, which ranks countries' performance with regard to ICT infrastructure and uptake, and the *ICT Price Basket (IPB)*, a unique metric that tracks and compares the cost and affordability of ICT services. This edition also features new data series and analyses concerning revenue and investment in the ICT sector, and proposes a new methodology using non-conventional data, to measure the world's telecommunication capacity.



The past year has seen continued and almost universal growth in ICT uptake. Much of this enhanced connectivity is due to the rapid uptake – a 40 per cent rise in 2011 – of mobile-broadband subscriptions, to the point where there are now twice as many mobile-broadband as fixed-broadband subscriptions. The surge in numbers of mobile-broadband subscriptions in developing countries has brought the Internet to a multitude of new users. The report nevertheless notes that the prices for ICT services remain very high in many low-income countries. For mobile broadband to replicate the mobile-cellular miracle, 3G network coverage has to be extended, and prices have to go down further.

Indeed, the disparities in ICT development between countries remain substantial, with IDI values that are on average twice as high in developed compared to developing countries.

I trust that the data and analysis contained in this report will be of great value to the ITU membership and others working towards building an inclusive global information society. I am pleased to note that, overall, considerable strides have been made since the launch of the 2011 edition.

A handwritten signature in black ink, appearing to read 'Brahima Sanou'.

Brahima Sanou  
Director

Telecommunication Development Bureau (BDT)  
International Telecommunication Union



## Acknowledgements

The 2012 edition of *Measuring the Information Society* was prepared by the ICT Data and Statistics Division within the Telecommunication Development Bureau of ITU. The team included Susan Teltscher (Head of Division), Esperanza Magpantay, Ivan Vallejo, Lisa Kreuzenbeck, Diana Korka, Vanessa Gray and Doris Olaya. Martin Hilbert (consultant to ITU) provided the initial draft of Chapter 5 of the report. Michael Minges (consultant to ITU) compiled data sets on mobile-broadband prices and supplemented ITU data on telecommunication sector revenues and investment. Nathalie Delmas and Olivier Poupaert contributed to the ITU data collection. Helpful comments and suggestions were received from Martin Adolph (ITU Telecommunication Standardization Bureau). The work was carried out under the overall direction of Cosmas Zavazava, Chief, Project Support and Knowledge Management Department, Telecommunication Development Bureau.

The report includes data from Eurostat, OECD, IMF, UNCTAD, the UNESCO Institute for Statistics, the United Nations Population Division and the World Bank, which is greatly acknowledged.

ITU also appreciates the cooperation of countries that have provided data included in the ICT Development Index and ICT Price Basket.

The report was edited by the ITU English Translation Section, led by Anthony Pitt. The desktop publishing was carried out by Nathalie Delmas, and the cover was designed by Céline Desthomas and Jie Huang. Administrative support was provided by Herawasih Yasandikusuma.

预览已结束，完整报告链接和二维码

<https://www.yunbaogao.cn/report/index/report?re>