

# Contribution of Information and Communication Technologies to Growth (World Bank Working Papers)



Contribution of Information and Communication Technologies to Growth is part of the World Bank Working Paper series. These papers are published to communicate the results of the Bank's ongoing research and to stimulate public discussion. The worldwide development of information and communication technology (ICT) has accelerated dramatically over the past decade. Technological advances and increased competition have led to falling prices for ICT goods and services, which has provided a strong incentive to replace other forms of capital and labor with information technology equipment. Increased ICT production and use has the potential to create job opportunities, transfer skills, and increase efficiency and transparency in politics and business, and therefore, contribute to economic growth. This paper focuses on the linkage between ICT and output growth. It summarizes findings in the literature on the contribution of information and communication technology to economic growth arising from capital deepening and increases in total factor productivity. The paper contains:

- The methodologies used to evaluate the different ways ICT influences productivity growth;
- A critical assessment of the magnitude of ICTs contribution to growth in various countries;
- A summary of the key factors that increase and obstruct ICT expansion; and
- An outline of the challenges developing countries face in maximizing ICTs contribution to growth and policy recommendations aimed at surmounting these challenges.

**World bank documents** Paper presented at the World Bank Economists Forum, May 3-4, 2001. 1992 DRI, The Contribution of Telecommunication Infrastructure to Aggregate and on Economic Growth and Development, ICCP Draft Working Paper, Paris, OECD **Contribution of Information and Communication Technologies to Growth - Google Books Result** Contribution of Information and Communication Technologies to Growth is part of the World

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(2003) The Contribution of Information Communication Technologies to Growth. World Bank Working Paper 24 Qiang, C.Z.-W., Clarke, G.R. and Halewood, **Information Communications Technology for - World Bank Live** Contribution of Information and Communication Technologies to Growth is part of the World Bank Working Paper series. These papers are published to **World bank documents** World Bank Working Papers are published to communicate the results of the Banks Information and communication technologies for womens socio-economic Samia Melhem and Nidhi Tandon edited and contributions by Claudia Morrell. .. can help fill the large demand for skilled labor needed for growth by major. **(ICT) contribution to growth and employment generation (Vol. 2) World Bank Working Papers: Contribution of Information and - eBay** One common contribution is that it increases productivity and makes the market work more efficiently, although the magnitude of the impact on economic growth is likely ICT), advise them on technology choice, and provide common business In terms of ICT connectivity, the World Bank Group has promoted ICT access in **World Bank Document - Open Knowledge Repository** The Policy Research Working Paper Series disseminates the findings of sanitation, Michael Mingos on Information and Communication Technologies Infrastructures contribution to annual per capita economic growth, actual and potential. **Contribution of Information and Communication Technologies to** growth. Employing OLS and IV panel regressions with country fixed-effects, the paper shows that World Bank Policy Research Working Paper 3285, April 2004 .. Information and communications technologies in recent years have been production and ICT usage have contributed to economic growth5. **World bank documents** Working Papers Other papers. Working Paper. Information and Communication Technologies for Jobs in the Pacific World Bank. <https://handle/10986/22963> License: CC BY 3.0 IGO. . Republic of Tunisia : Information and Communications Technology Contribution to Growth and **World bank documents - World Bank Group** Information Technology and Economic Growth: A Cross-Country Analysis. WIDER Technologies to Growth is part 28 **WORLD BANK WORKING PAPER. Contribution of Information and Communication - World bank** World Bank Working Papers are published to communicate the results of the Banks work to Contribution of ICT Capital Deepening and Growth of TFP in ICT. **Contribution of Information and Communication Technologies to** The Policy Research Working Paper Series disseminates the findings of . investment in information and communication technology in 49 countries during the adoption (and, in particular the adoption of Internet) on the growth . The second contribution is to estimate the hypothesis that Internet diffusion follows an S-. **World bank documents** Information and Communication Technologies and Broad-Based Development: A Partial Review of the Evidence. World Bank Working Paper 12. Washington **World bank documents** World Bank Working Papers This paper focuses on the linkage between ICT and output growth and summarizes the findings in the literature on the **Information and Communication Technologies for Jobs in the Pacific** World Bank Working Papers are published to communicate the results of the Contribution of ICT to Labor Productivity Growth (Percentage of GDP). 9. 4. The worldwide development of information and communication technology (ICT) has. **Contribution of Information and Communication Technologies to** Contribution of information and communication technologies to This paper focuses on the linkage. World Bank working paper series no. **World bank documents - World Bank Group** The Policy Research Working Paper Series disseminates the findings of work in .. information technology in different segments of society (Sagna 2000). 4 examines the growth and contribution of ICT capital services to GDP growth in **ICT4D: Information and Communication Technology for Development - Google Books Result** This paper focuses on the linkage between ICT and output growth and summarizes the findings in the literature on the World Bank Working PaperNo. 24. **The World Bank Research Program 2004: Abstracts of Current Studies - Google Books Result** Global Information and Communication Technologies Department /ict. 38937 account for most of the growth in users between . As with migration, longer working lives .. the contribution of ICTs to growth is currently. **Information and Communication Technologies: A**

**World Bank Group - Google Books Result** ICT, as defined in the Information & Communication Technology Sector Strategy World Bank Group (April 2002, [http://ict/ICT\\_ssp.html](http://ict/ICT_ssp.html)), Develop further an open, rule-based, predictable, non-discriminatory trading and .. Figure 3: Contribution of ICT to Labor Productivity Growth (Percent of GDP)<sup>6</sup>. communications technologies (ICT) infrastructure all exert statistically significant World Bank Policy Research Working Paper 3366, August 2004 . sources of economic growth: growth in the amount of capital (the contribution of capital), **Contribution of Information and Communication Technologies to** Why National Strategies are Needed for ICT-Enabled Development. The world is in the midst of a general-purpose technological revolution. ISG Staff Working Papers are a series envisioned to be forward-looking and cover a .. contribution to GDP growth rose from a mere 4.5% in 1990 to an astounding 50.5% in 2000.