The Impact of Information Communication Technology (ICT) on Brazil, Russia, India and China’s (BRIC) Employment and Economic Indices

Emergent Research Forum Paper

Shahram Amiri
Stetson University
samiri@stetson.edu

Joseph M. Woodside
Stetson University
joe.woodside@stetson.edu

Christopher Dodson
Stetson University
cdodson@stetson.edu

Abstract

This research seeks to describe the impact of Information Communication Technology (ICT) on employment and economic indices in Brazil, Russia, India and China (BRIC). It examines the relationship between the United Nations’ International Telecommunication Union’s ICT sub index, the World Economic Forum’s Networked Readiness Index (NRI), Gross Domestic Product (GDP), unemployment data as well as employment data by sector between the years of 2006 to 2012. The purpose of this research is to quantifiably measure the relationship between technological advancement, economic growth and employment trends across the BRIC countries, while also describing various government initiatives taken to promote technology. Our research concluded that there is in fact a significant positive correlation between technology (as measured by NRI and the ICT Development Index (IDI)) and a nation’s GDP.

Keywords

ICT, NRI, IDI, GDP, Employment, BRIC