Policy Implications of the Economics of the Mobile Communication Revolution

Mark Cooper
Senior Fellow, Donald McGannon Center for Communications Research, Fordham University
Senior Adjunct Fellow, Silicon Flatirons, University of Colorado
September 2011

Global ICT developments, 2000-2010*

*Estimates
Source: ITU World Telecommunication (ICT) Indicators database
DECLINING MARGINAL VALUE OF BANDWIDTH: U.S. DATA

\[ y = 31.635e^{0.892} \]
\[ R^2 = 0.9956 \]

Revenue/mHz

DECLINING MARGINAL VALUE OF BANDWIDTH: U.S. DATA

\[ y = 14.911e^{-0.548} \]
\[ R^2 = 0.8626 \]

$/Mbps U.S. in OECD High Speed Data Service

Real Investment 1996-2010

Wireless

Cable