

Meeting WSIS Targets & Digital Financial Services: The Case of Pakistan

Muhammad Arif Sargana
Director (Economic Affairs)
Pakistan Telecommunication Authority

Sept, 2016
Islamabad, Pakistan

Telecom Policy 2015 – Aimed to Achieve WSIS Targets

- ▶ **Affordable BB Services**
 - Fast Track right of way
 - USF to fund BB access in un-served areas
 - Fast Fiber roll out

- ▶ **Availability of Spectrum**
 - Immediate auction of spectrum in 2100 & 850 MHZ
 - Spectrum Reframing
 - Spectrum availability for digital Microwaves

- ▶ **Suitable Backhaul**
 - Improve access to national On-line Services
 - Diversity of routing
 - Load sharing on international capacity

Telecom Policy 2015 – Aimed to Achieve WSIS Targets Cont't

- ▶ Competition in Retail BB
 - Framing Sector specific Competition Rules
 - Incumbent obliged to provide last mile infrastructure
 - Availability of Wi-Fi Hot spots
 - Encourage the development of contents

ICT Data Collection Agencies in Pakistan



Ministry of Information Technology
& Telecom



Ministry of Planning
Development & Reform



PEMRA
Pakistan Electronic Media
Regulatory Authority

- ▶ Market Research Organizations (BMI, Gallup, Ericsson Research Lab, etc)
- ▶ International organizations (ITU, GSMA, World Bank, etc.)

Household Survey Statistics

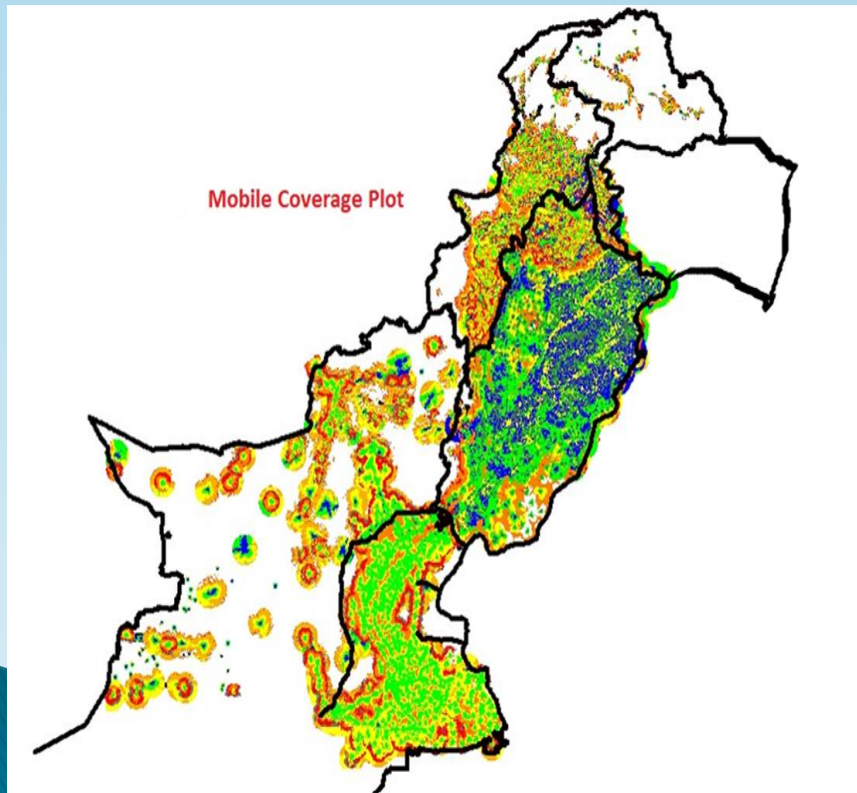
- ▶ HH with Computers – 19%
- ▶ HH with Internet access – 24%

- ▶ ICT Skills – Who can
 - Copy or moving files – 60%
 - Emails with attachments – 45%
 - Transfer file b/w PCs – 25%
 - Using basic formula – 23%

Access to Basic Telephony

Wide-spread overage of cellular mobile services in provinces of Pakistan

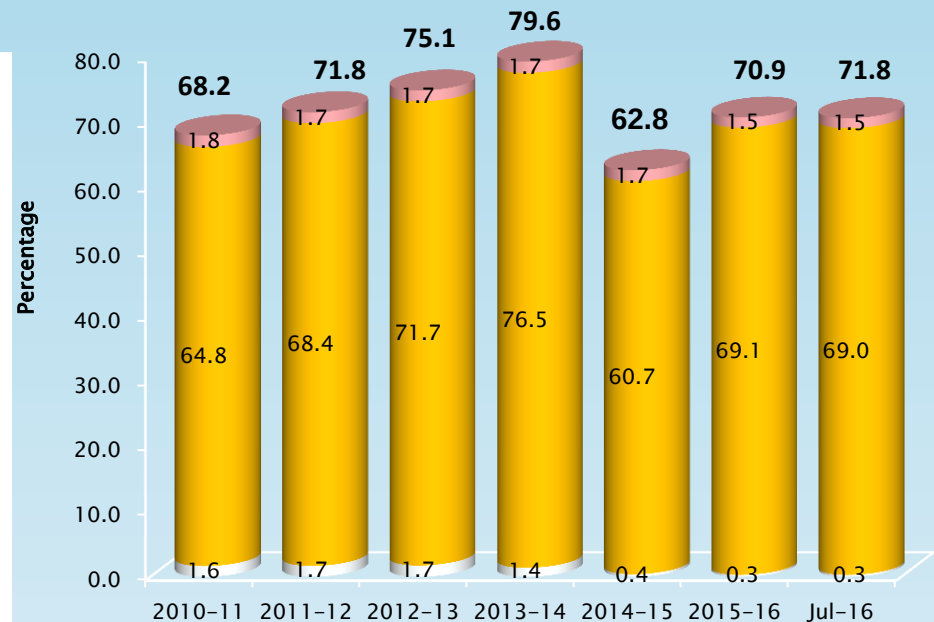
43% of rural population of the country where 3G and 4G LTE service is available.



Teledensity in Pakistan

Fixed Local Loop

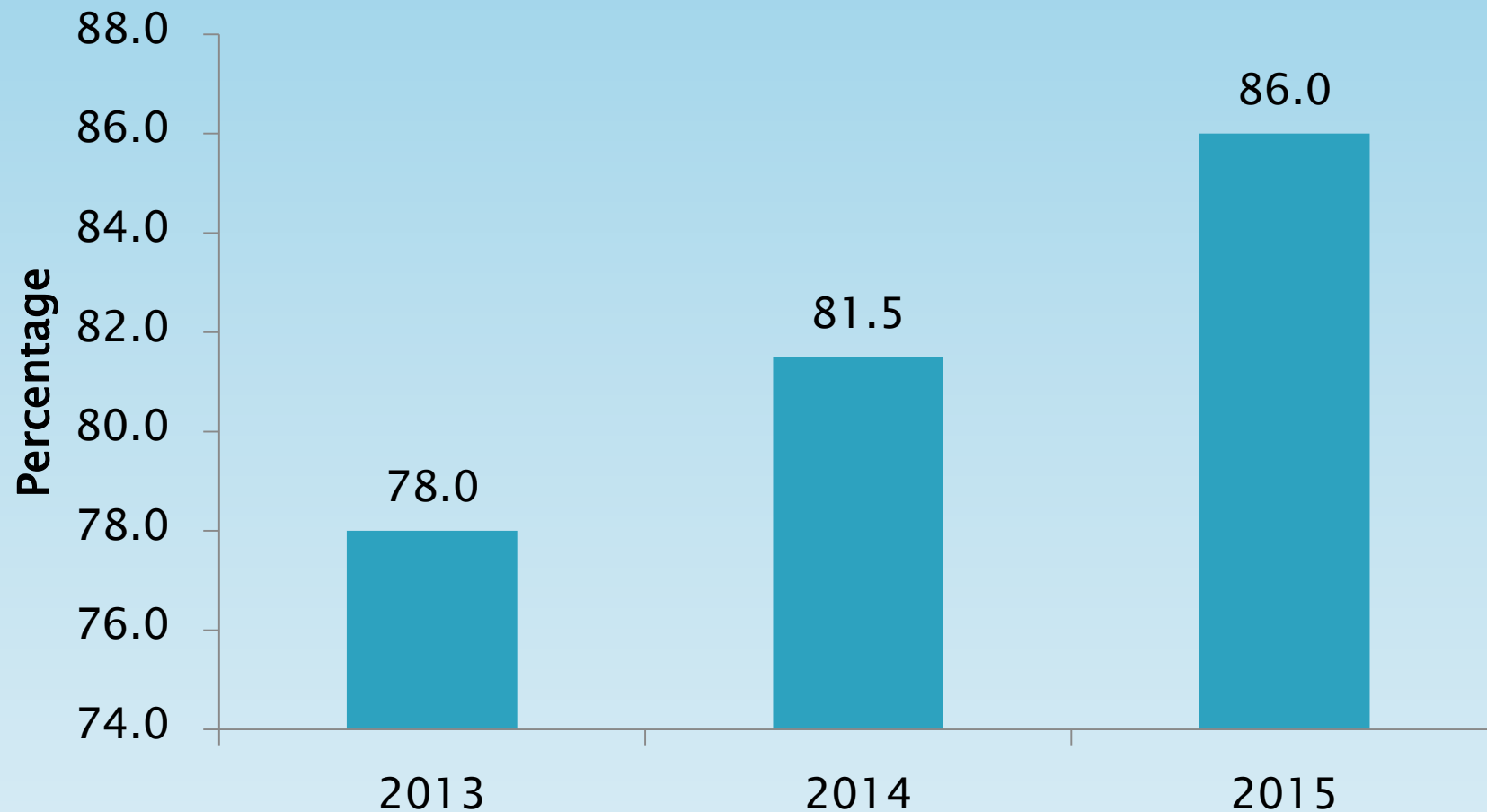
Cellular Mobile



- Most people in Pakistan have access to basic voice telephony, mostly using mobile phones
- Moving into an age where mobile use is about more than circuit switched voice and SMS
- Deployment of Fibre

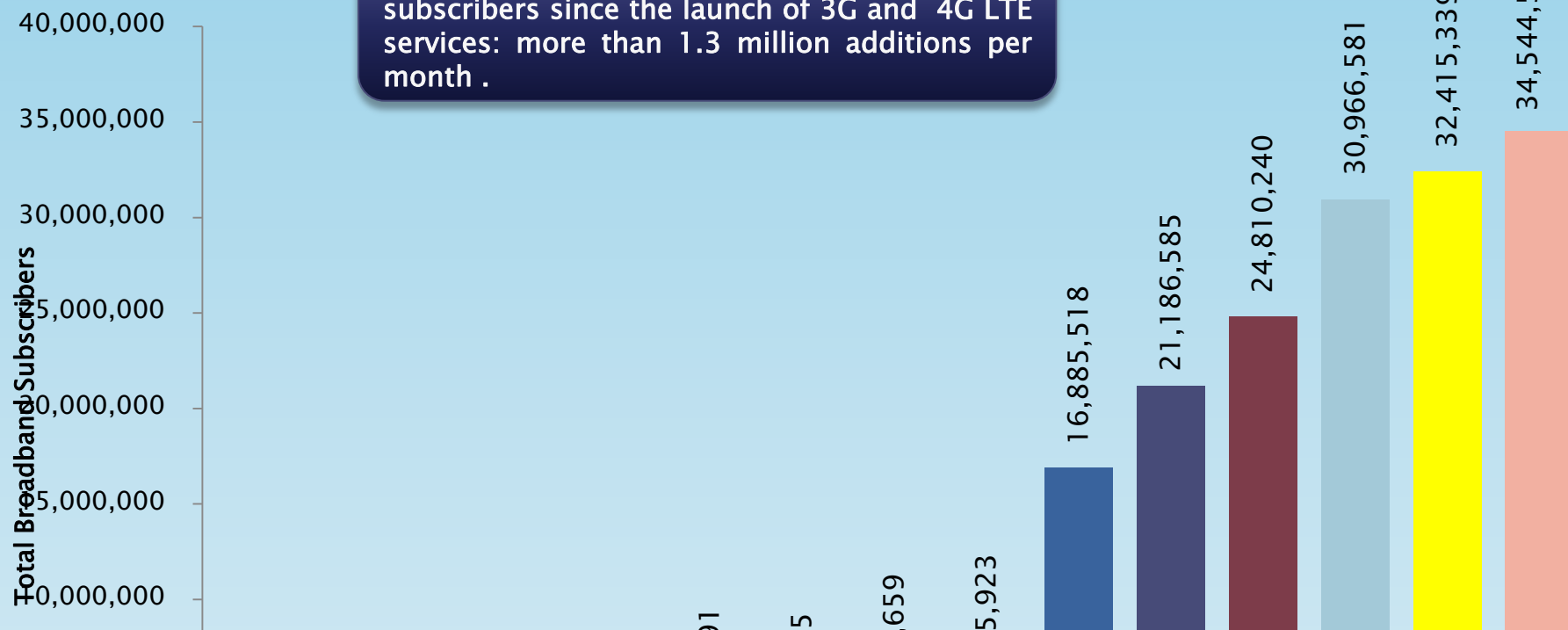
Population covered by mobile network (%)

(Rural/Urban)



MBB Growth After Spectrum Auction

Addition of 31.8 million mobile broadband subscribers since the launch of 3G and 4G LTE services: more than 1.3 million additions per month .



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_2345

