

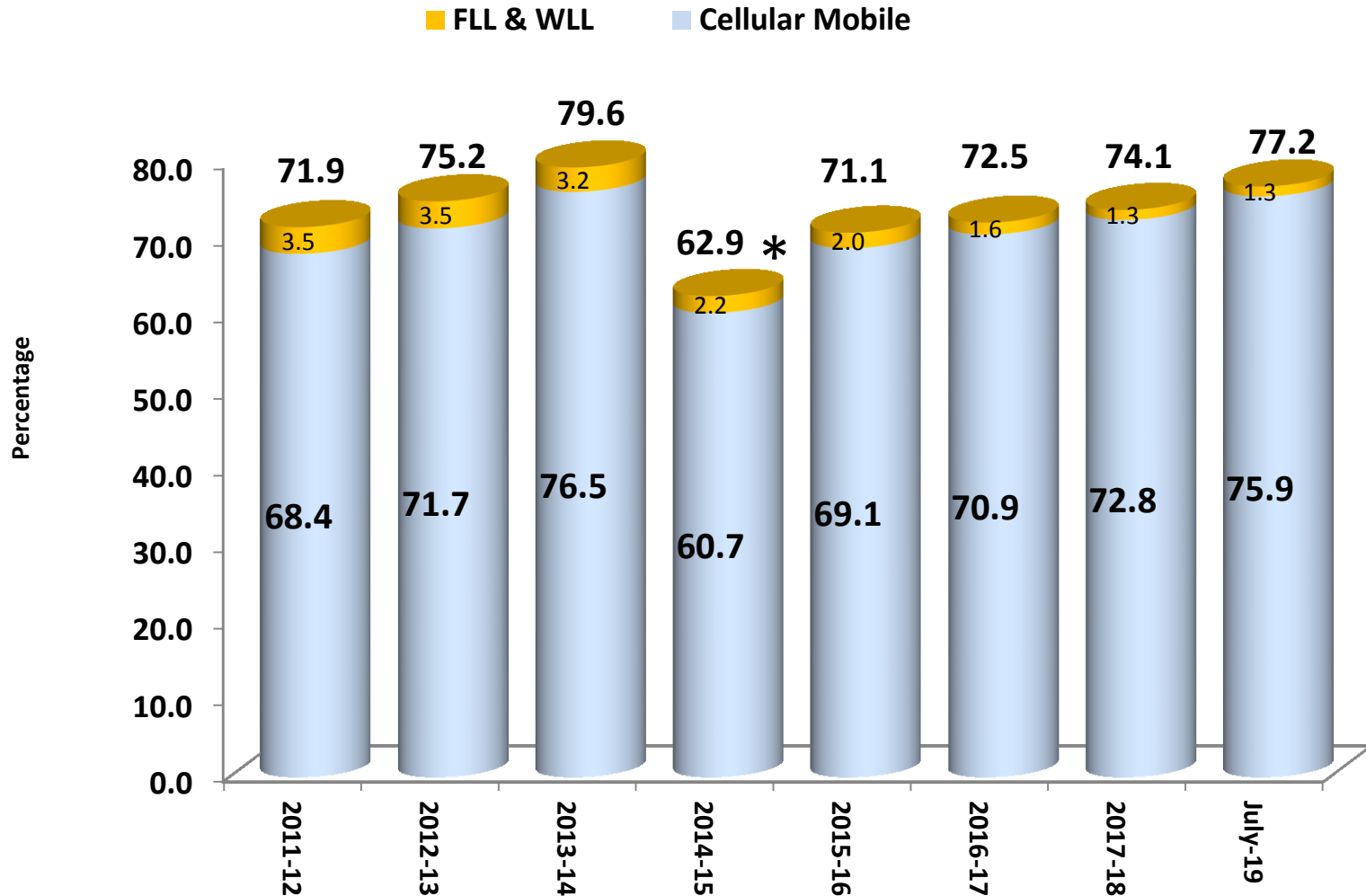


Pakistan Telecommunication Authority

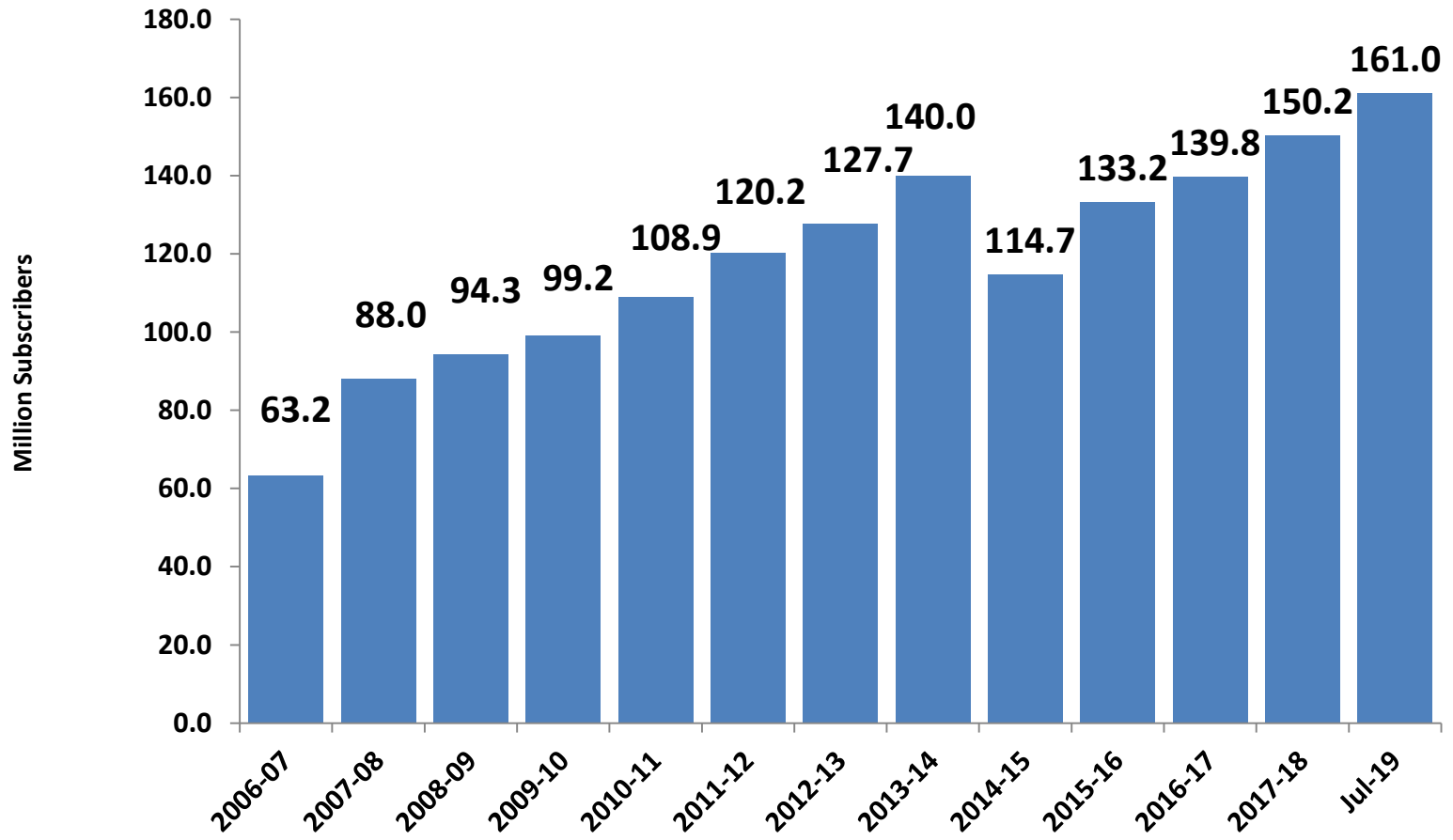


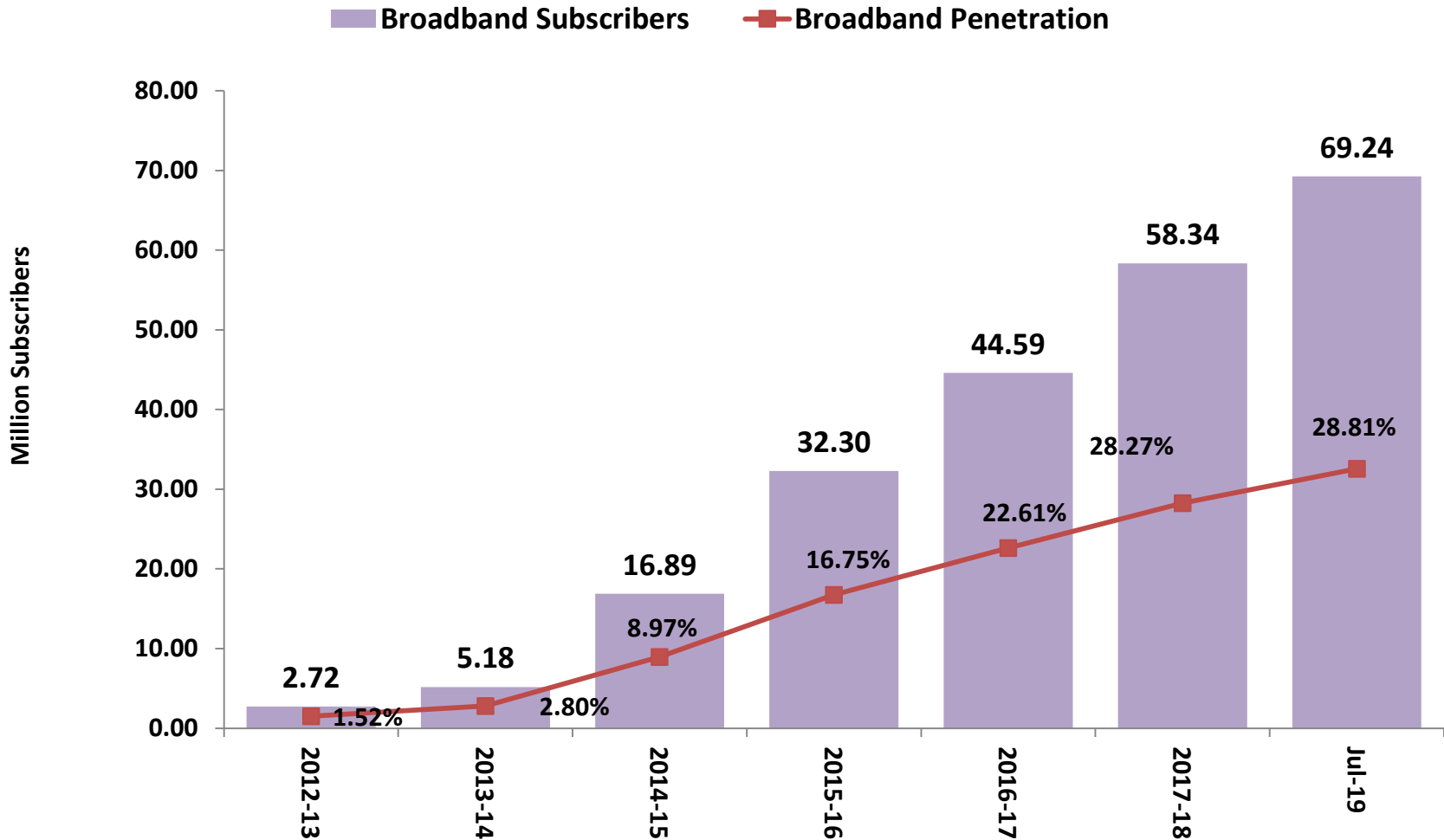
# Overview of Pakistan Telecom Sector, Initiatives and challenges

- **Pakistan is connected with six (06) submarine cables with a total designed capacity of 150.5 Tbps.**
  - **Trans-World Associates 1 (TWA1)**
  - **South East Asia–Middle East–Western Europe 3 (SEA-ME-WE 3)**
  - **South East Asia–Middle East–Western Europe 4 (SEA-ME-WE 4)**
  - **South East Asia–Middle East–Western Europe 5 (SEA-ME-WE 5)**
  - **India-Middle East-Western Europe (I-ME-WE)**
  - **Asia-Africa-Europe (AAE)**
- **Cable Landing Stations: 3**
- **OFC networks for the national capacity- 83,083 Km**
- **Total Access Network in Pakistan including metro and spur fiber – 230,500 km.**



\* Drop is due to Launch of Biometric Verification System (BVS)





- **(AMA) Asaan Mobile Accounts**
  - Will help to bring huge unbanked population in banking channel
  - Third Party Service Providers Licensing and facilitation for National Financial Inclusion Strategy (2)
- **Steps towards Local Manufacturing & Assembling of Mobile Handsets.**
  - PTA type approval holder companies have set up 16 local assembly mobile handsets plants in Pakistan.
  - Created more than 3500 jobs

- **Device Identification, Registration and Blocking System (DIRBS)**
  - System detects the substandard, fake, stolen and illegal imported mobile phones.
  - Helps to stop import of illegal mobile handsets import, raise tax revenue and controls mobile phone snatching.
- **Test and Trial Framework for 5G and Advanced Technology**
- **National Roaming-** Quick roll out of services and provision of universal service.
- **Spam Regulations-** to control unsolicited, Misleading fraudulent messages
- **Shifting of BTSs on Solar Energy-** Help in reducing the operational cost
- **Internet Exchange Point (IXP) (Islamabad, Karachi)**

- **Need of Establishment of Telecom Tribunal**
  - Licensees challenges the decisions, determinations, orders of the regulator and even regulations in the court of law.
  - Nature of telecom cases are time bound need quick decisions.
  - Delay for justice in court of Law due to heavy influx of other cases.
  - Renewal of Mobile licenses and example
- **Right of Way Issues**
  - Procedural delays, inaccessibility to certain geographical areas, rise in cost of doing business and demand of revenue sharing are major obstacles for expanding OFC and other telecom infrastructure.
  - Will be more pronounced with deployment of small cells.
- **Social Media Management**
  - Social Media like Facebook, twitter, whatsapp, utube etc-significant part of everyday communication.
  - Controlling the misuse of social media is a big challenge
  - Big threat to cultural and religious fabric of country.



# Thank you