

# Mobile Network Traffic Forecasts

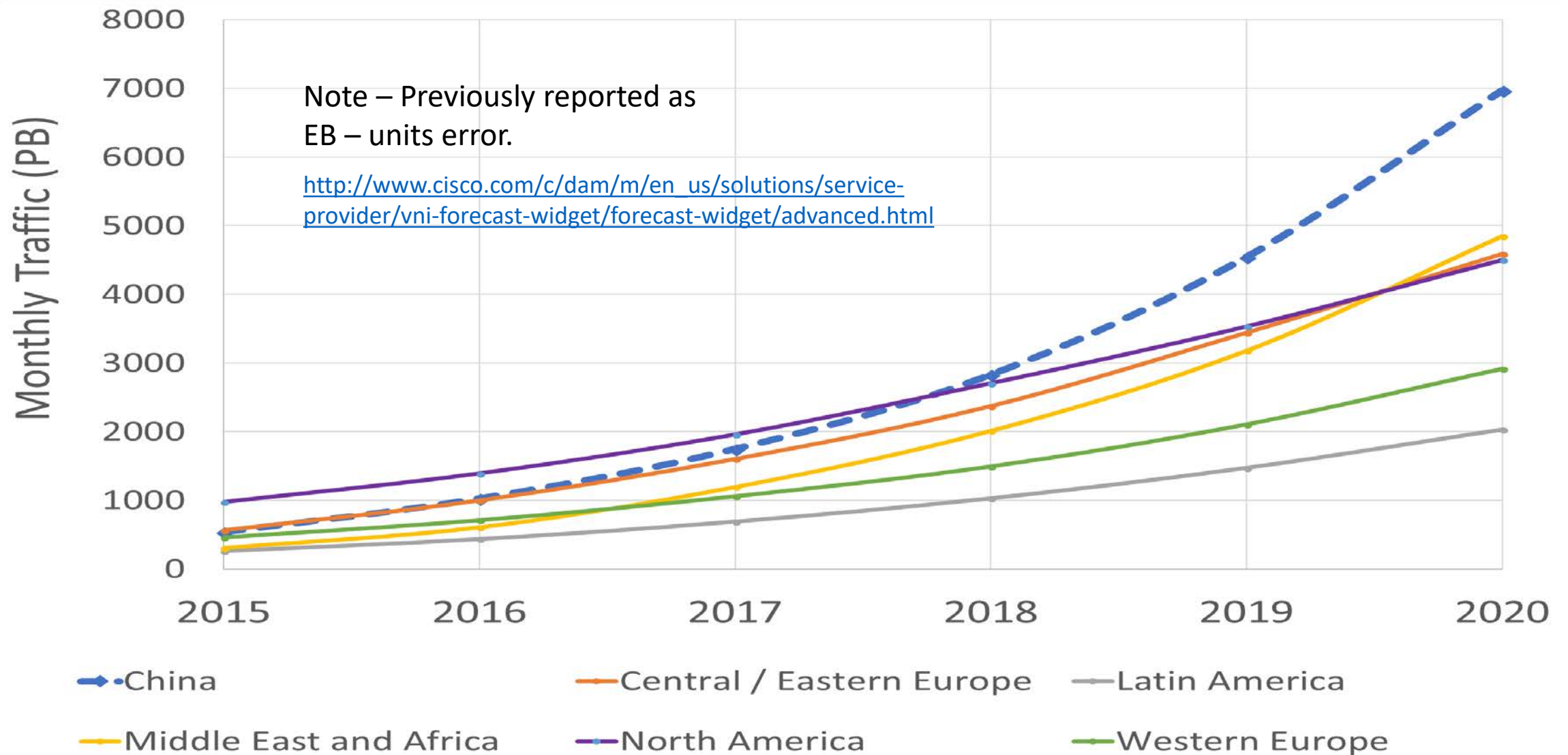
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Pittsburgh, PA, USA

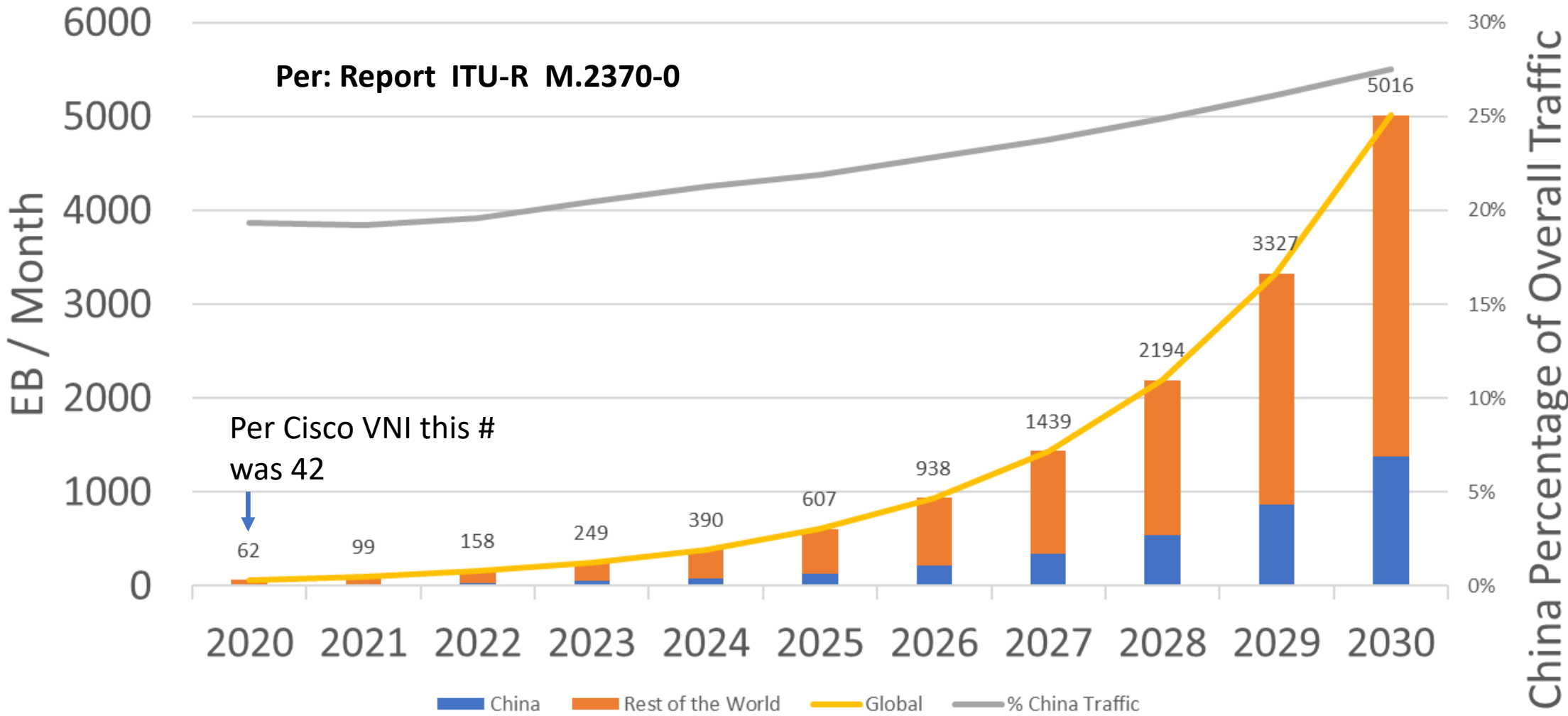
# Introduction

- **Previous data reported in B10K July 2017 CFI – what else?**
- **Other BW data relevant to mobile networks found -**
  - **Report ITU-R M.2370-0: IMT traffic estimates for the years 2020 to 2030**
    - Approved in 2015-07
    - URL - <https://www.itu.int/pub/R-REP-M.2370-2015>
  - Akamai, The State of the Internet (2015, 2016, 2017)
    - <https://www.akamai.com/us/en/about/our-thinking/state-of-the-internet-report/>

# Mobile Networks Bandwidth Trends

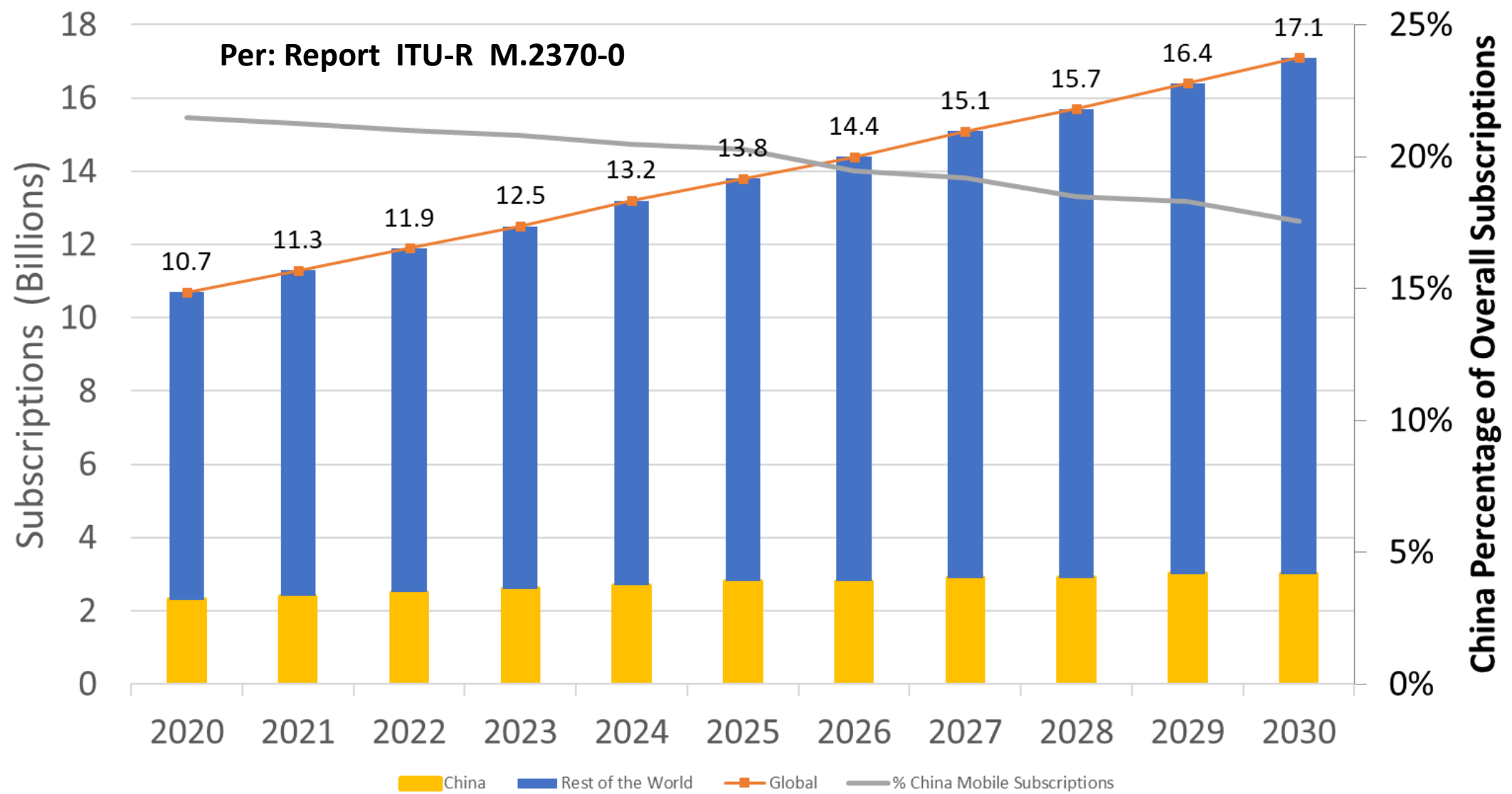


# Estimation of mobile traffic in 2020-2030 (M2M traffic included)

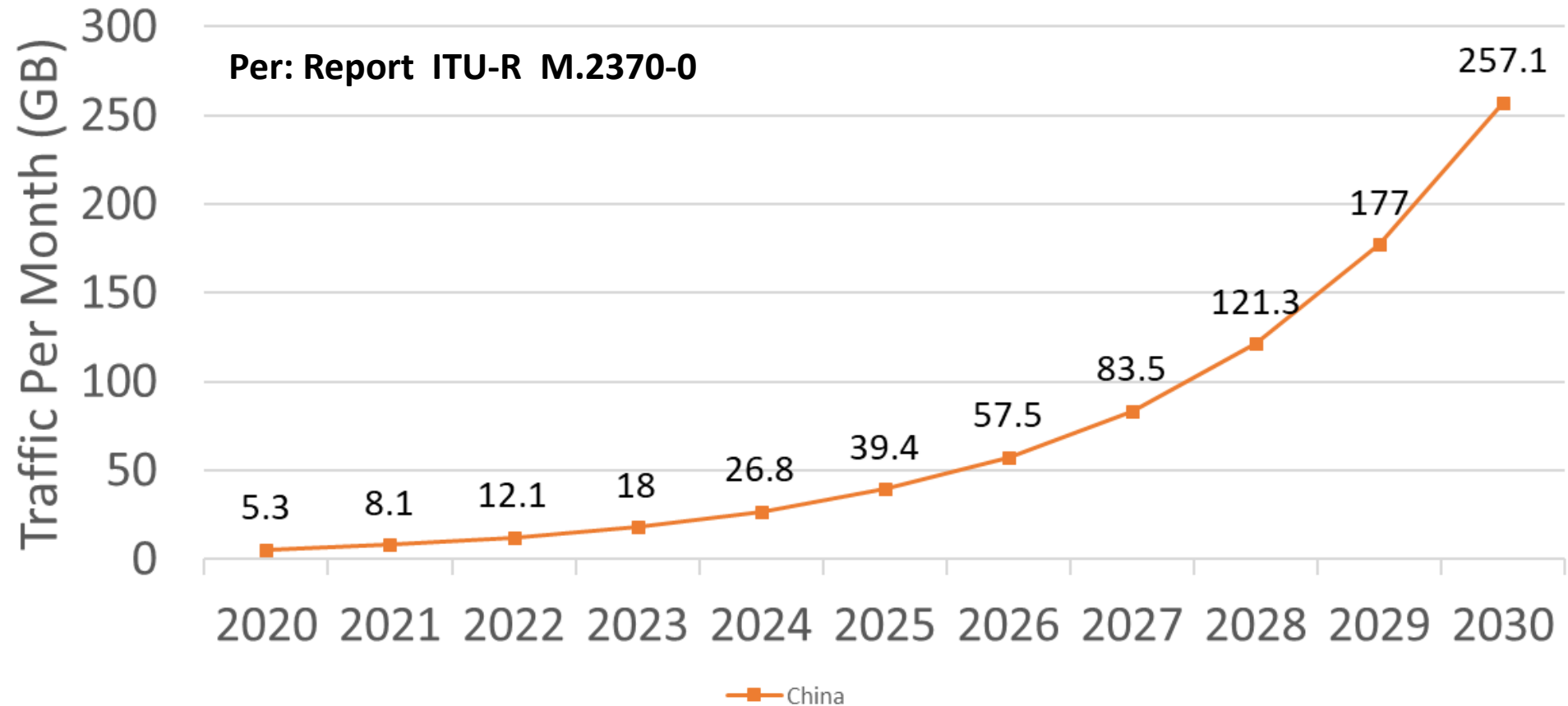


### Estimation of Mobile Subscriptions

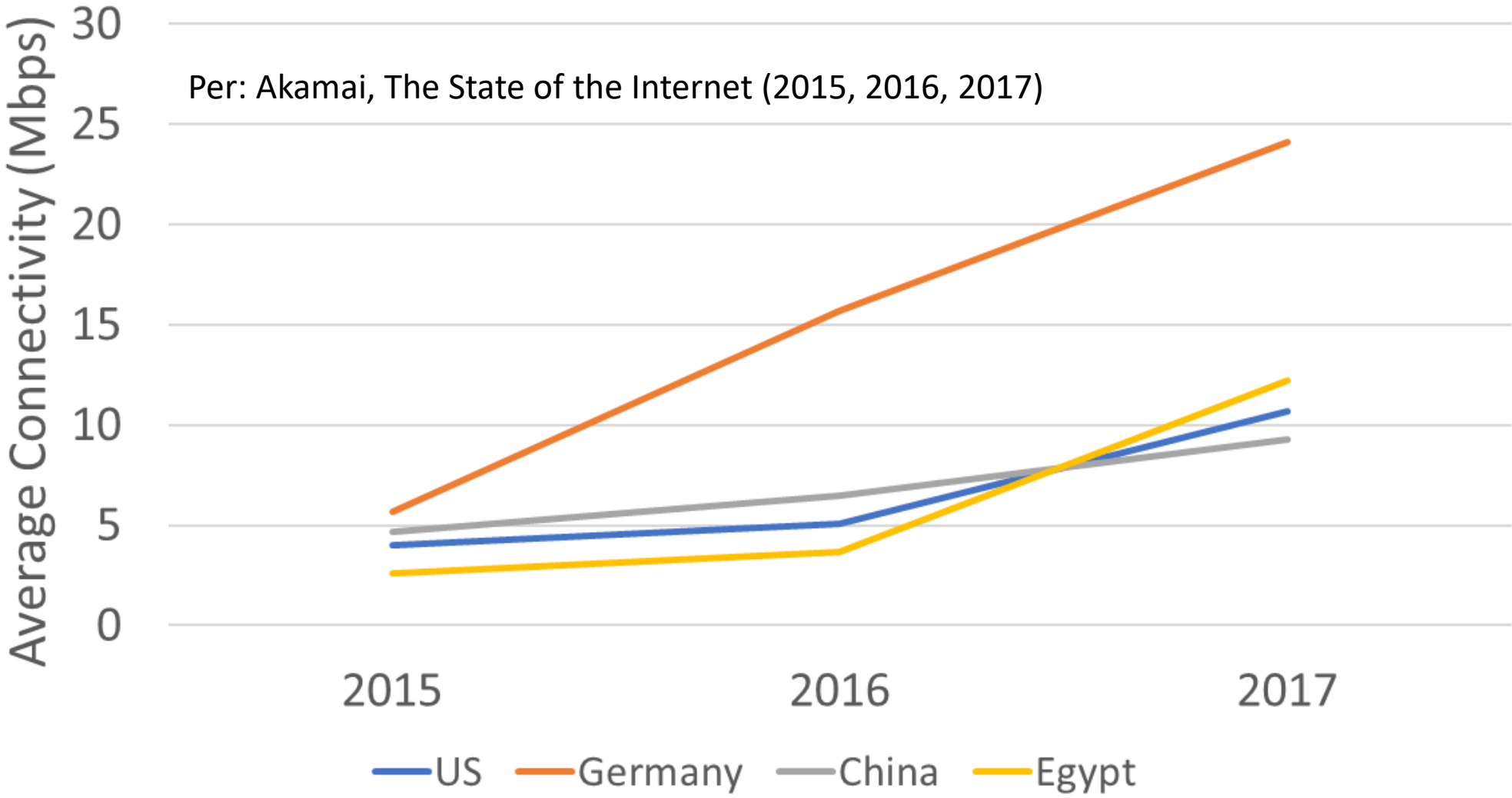
Per: Report ITU-R M.2370-0



## Estimation of mobile traffic consumed per subscriptions per month in China



# Mobile Connectivity



# Conclusions

- Accepted bandwidth explosion factors
  - Number of Users
  - Access Rates
  - Applications (data usage)
- All data indicates – this is just getting started for mobile networks!