

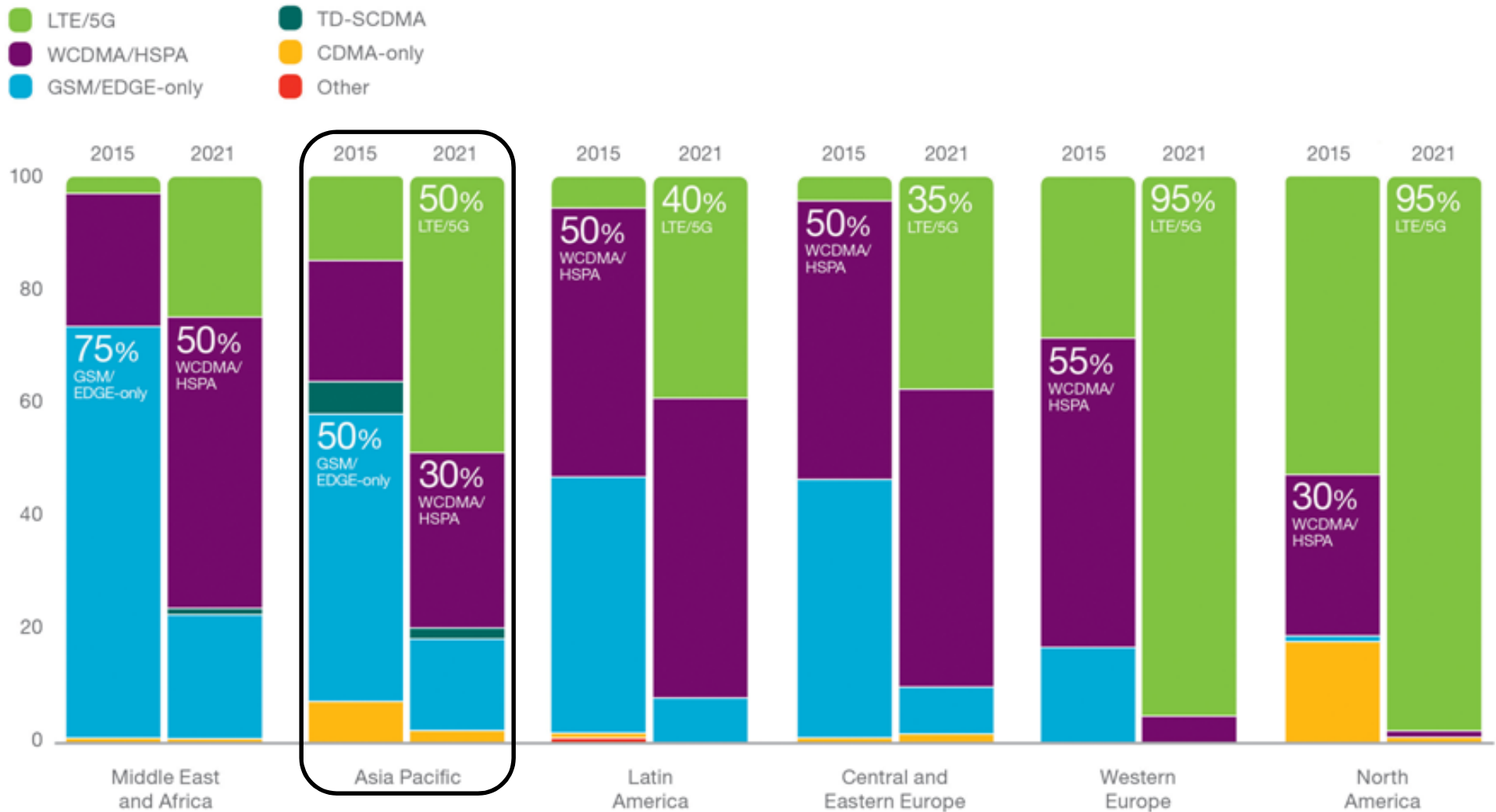
National Perspectives on Communications Resilience among LLDCs

Abu Saeed Khan
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**UN ESCAP Workshop on knowledge and policy gaps
in disaster risk reduction and development planning
Bangkok, Thailand
March 8-9, 2016**

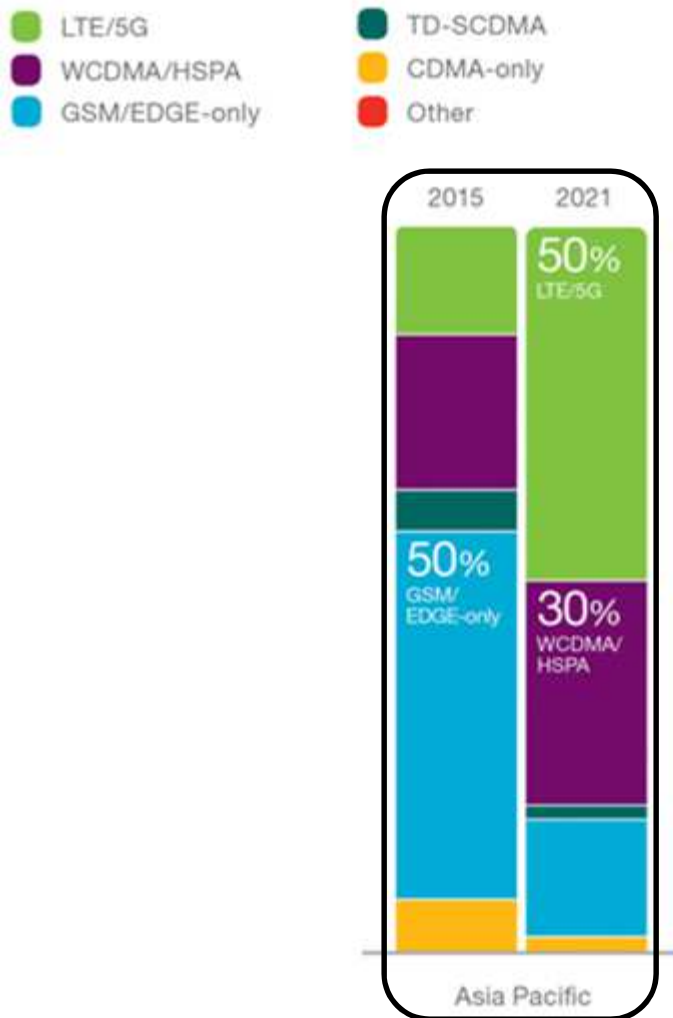
Ericsson Mobility Report November 2015

Mobile subscriptions by region and technology (percent)



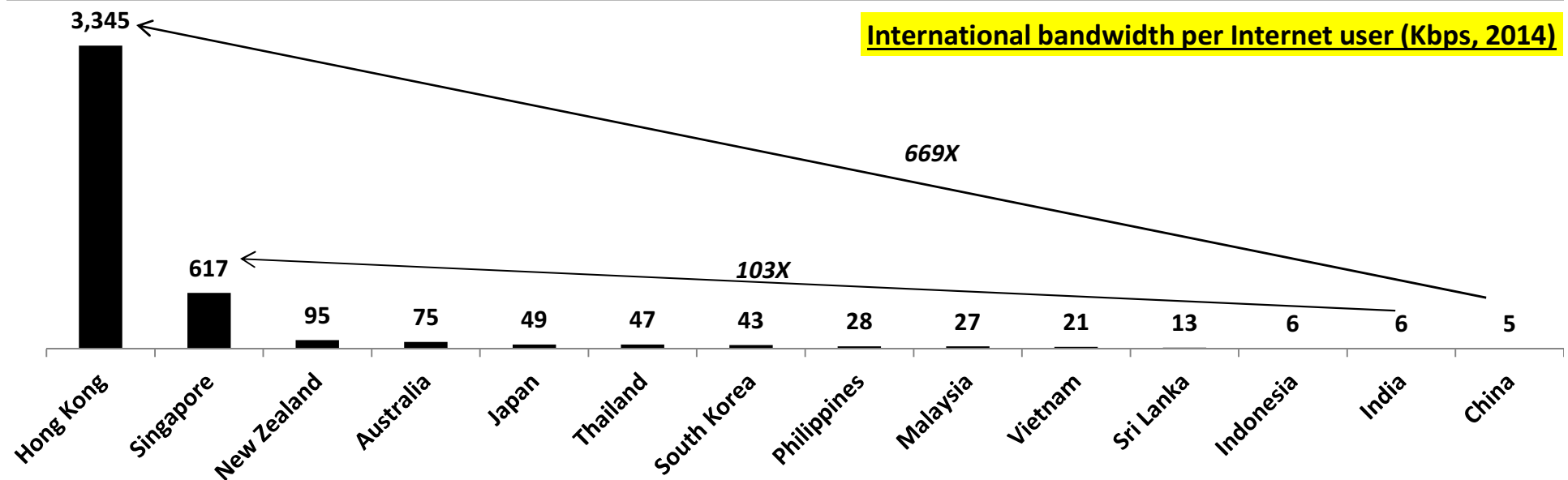
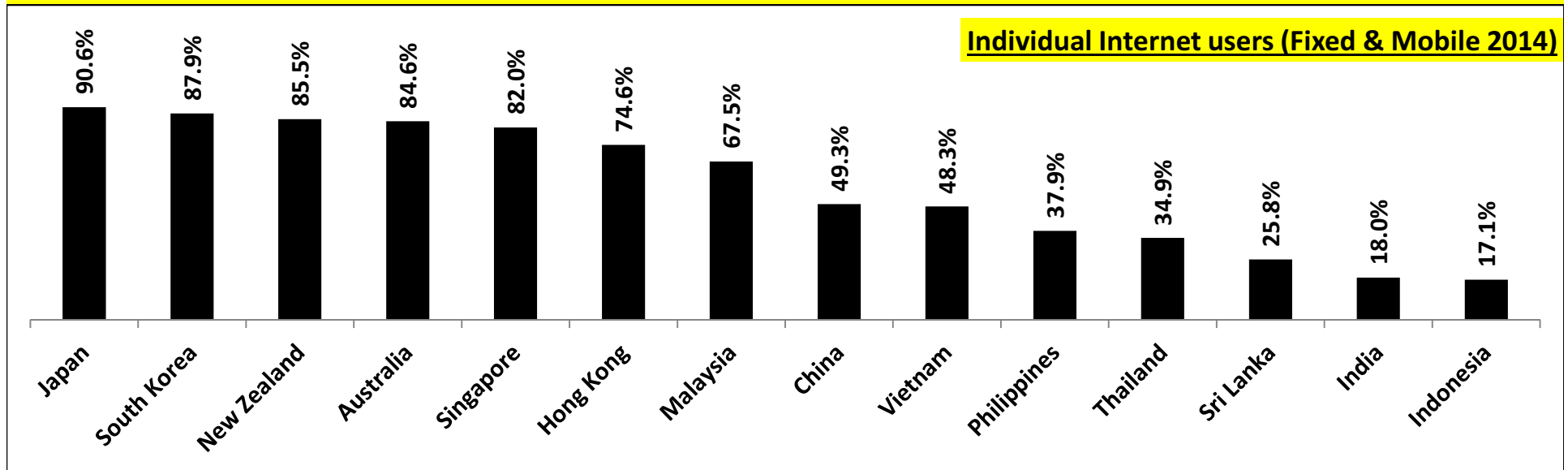
Is Asia Pacific ready for 2021?

Mobile subscriptions by region and technology (percent)



- Spectrum is critical for GSM/EDGE. Internet is additionally critical for WCDMA/HSPA, LTE/5G.
- International connectivity is the lifeline of IP Transit, Cloud, CDN, Data Centers, Peering etc.
- Carriers are centralized in SG and HK. IP Transit is disproportionately expensive in the region.
- Major regulatory roadblocks in Asia:
 - Spectrum lacks technology-neutrality (Demand-side problem).
 - International connectivity only through submarine cables (Supply-side problem).
 - No carrier-neutral submarine cable, cable landing stations, gateways, metro and domestic TX networks (Broadband supply chain problem).

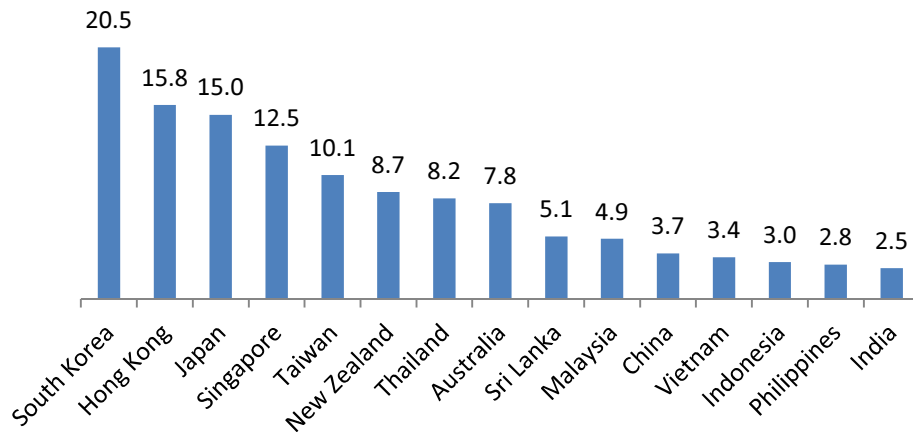
ITU's "Measuring the Information Society Report 2015" (Selected Asian economies)



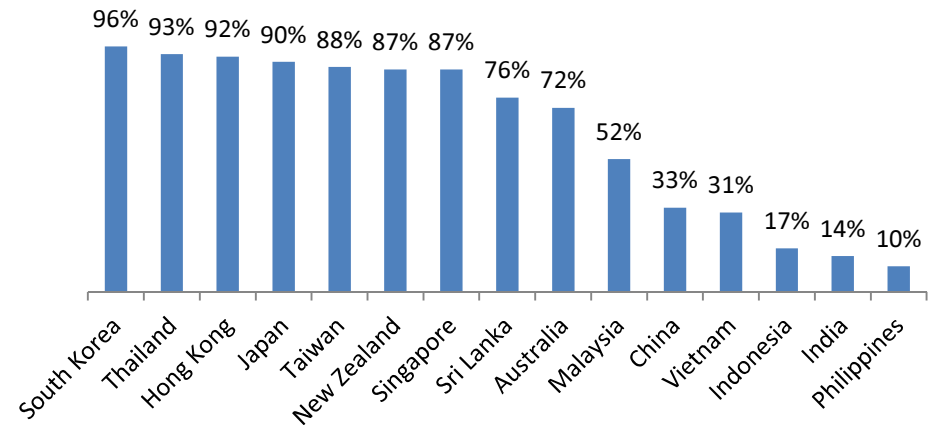
“Akamai state of the Internet Q3 2015”

Broadband inequality across Asia Pacific

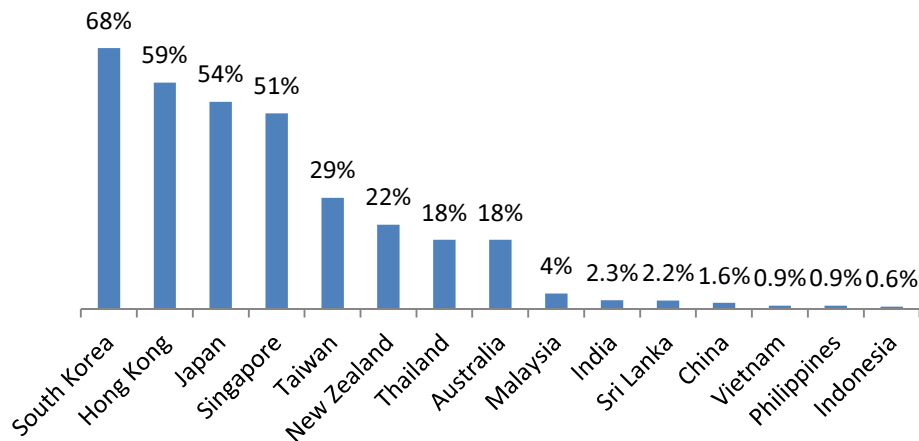
Average speed (Mbps)



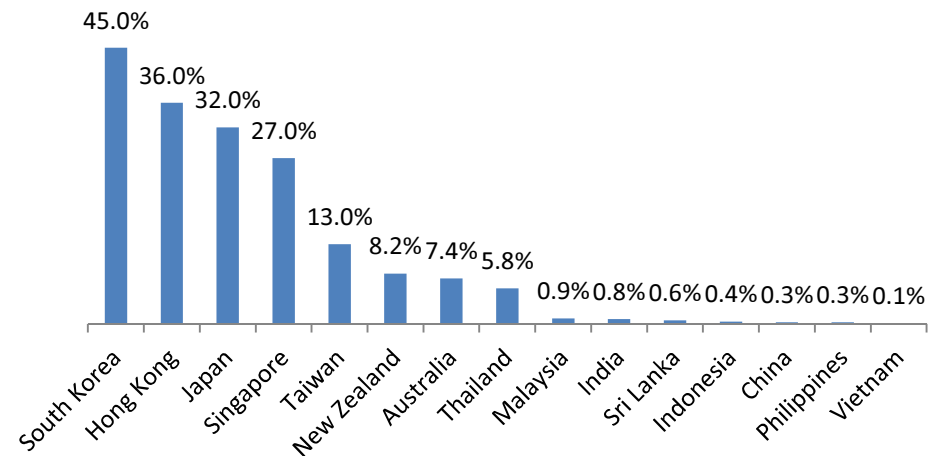
>4 Mbps



>10 Mbps



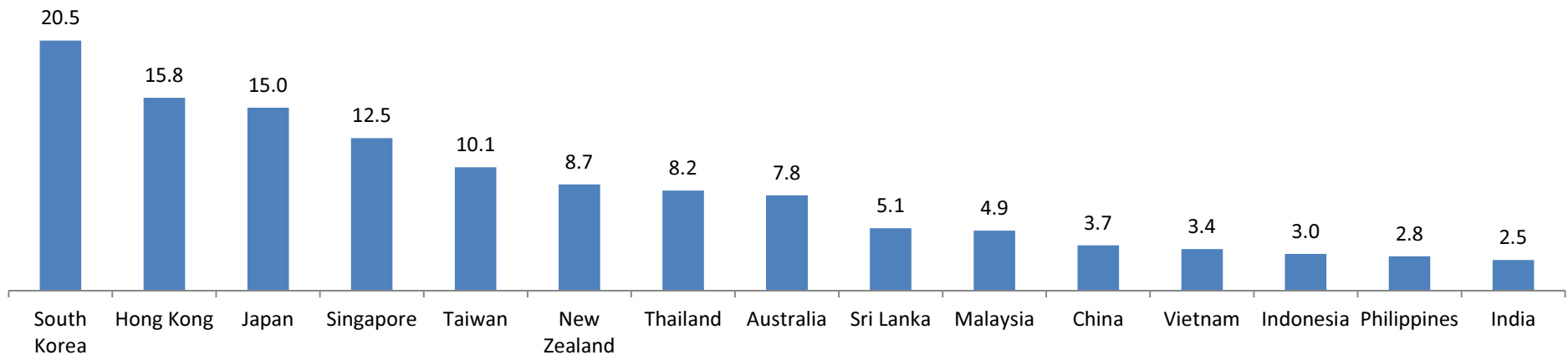
>15 Mbps



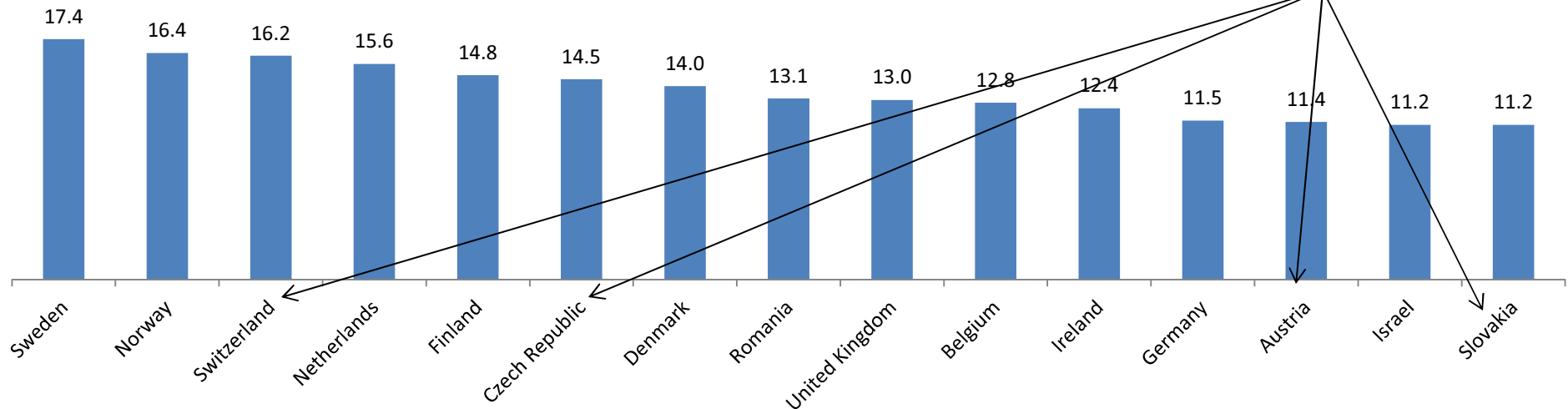
Tale of two continents:

Akamai reveals the qualitative difference

Top 15 Asian markets' average speed (Mbps) in Q3 2015

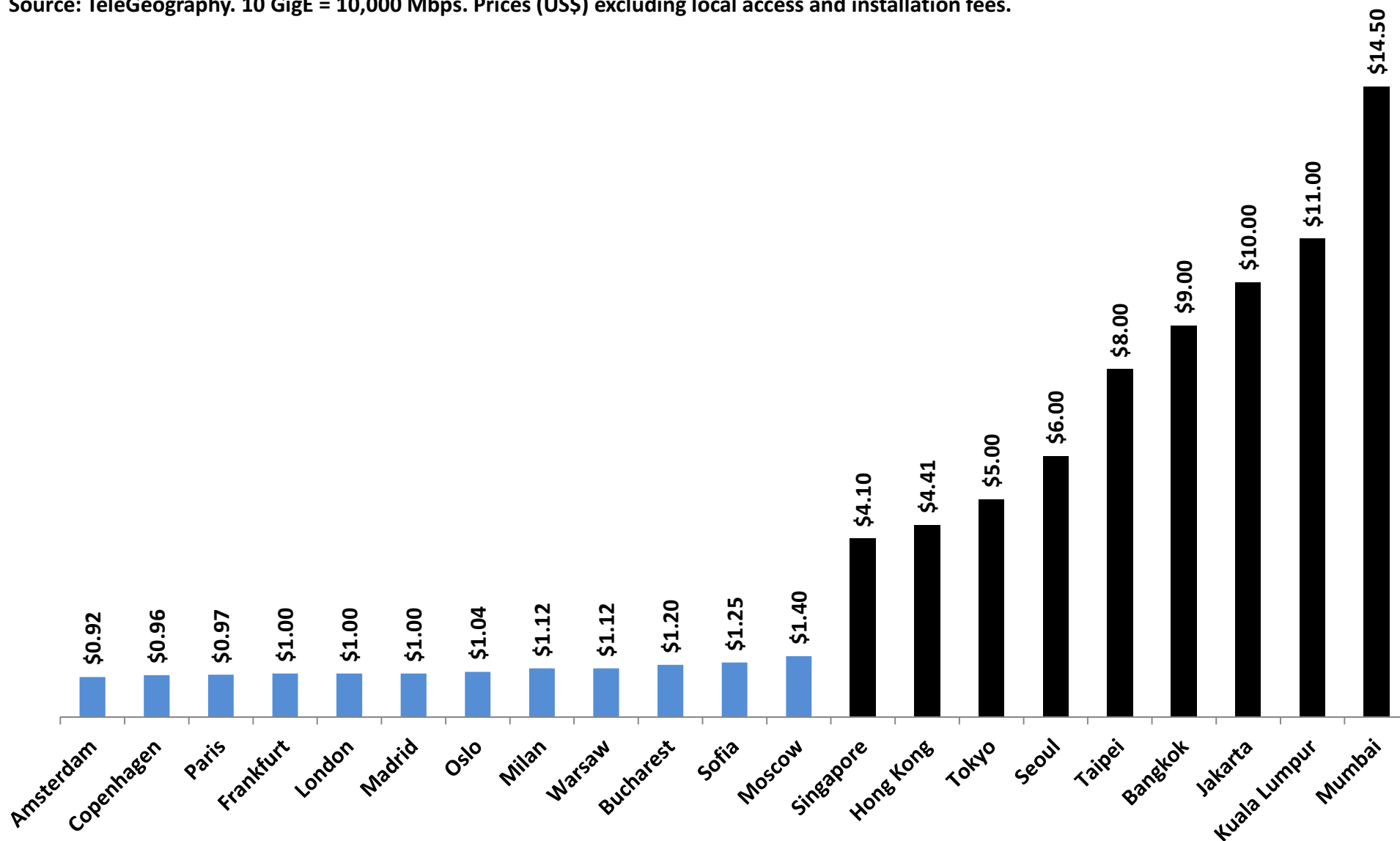


Top 15 European markets' average speed (Mbps) in Q3 2015



Asia vs. Europe: Median monthly IP Transit prices per Mbps, 10 GigE, Q2 2015

Source: TeleGeography. 10 GigE = 10,000 Mbps. Prices (US\$) excluding local access and installation fees.



between South and SE Asia: Gbps Monthly Lease Prices, 2015



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_3566

