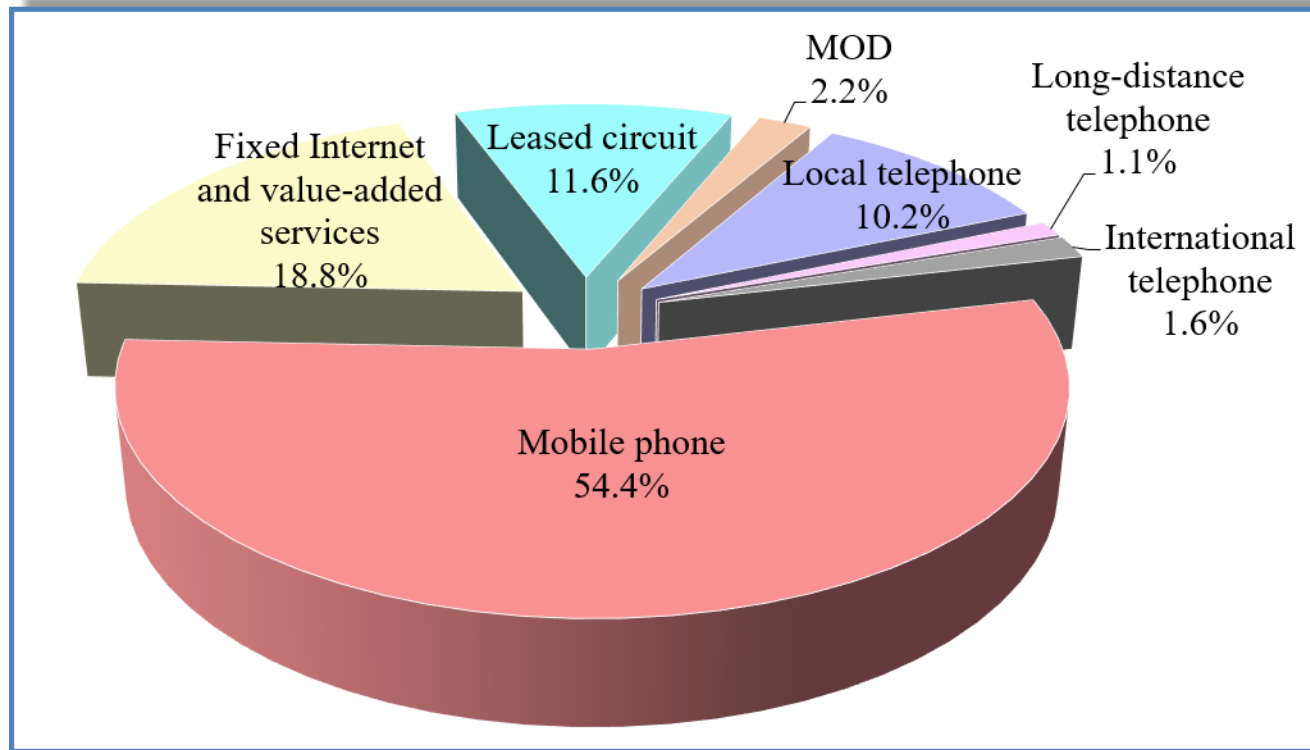


2020: Telecom Revenue by Services



Note 1: Total revenue of telecom services reached NTD 283 billion in 2020 (excluding Internet of Things(IoT) services).

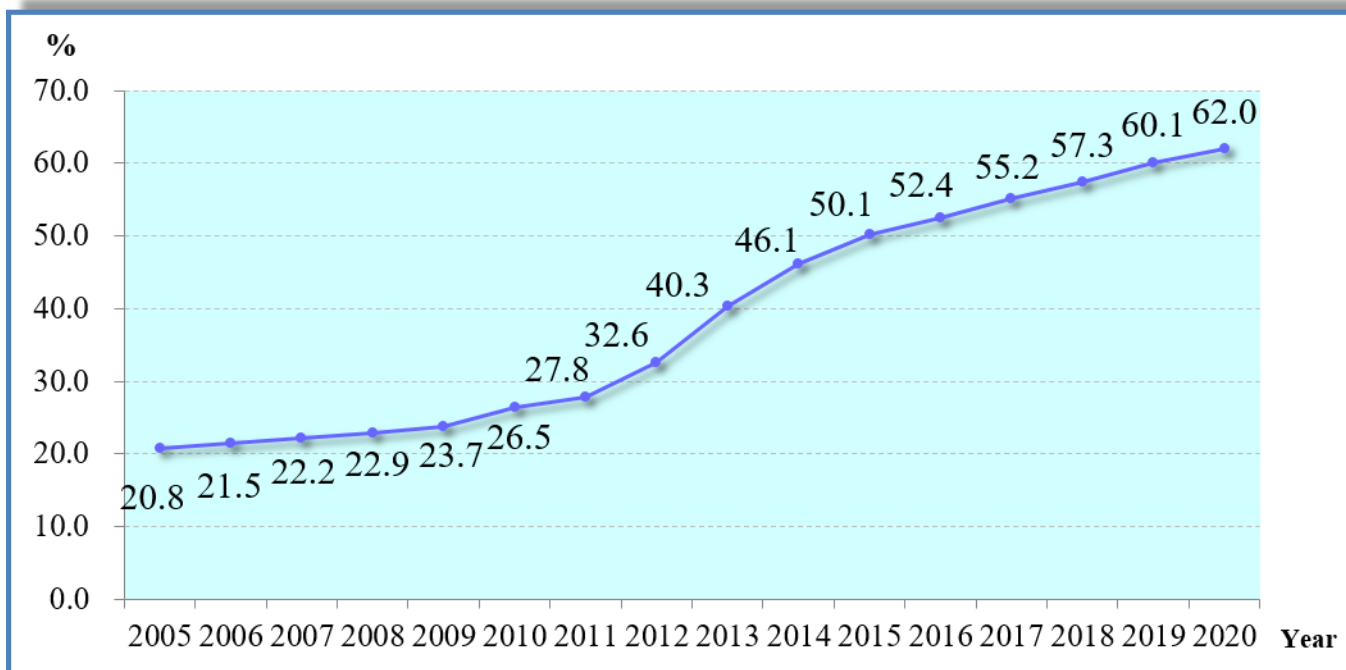
Note 2: 4G service provided since May 2014.

Note 3: 2G service terminated July 2017; 3G service terminated January 2018.

Note 4: 5G service provided since July 2020.

Source: National Communications Commission

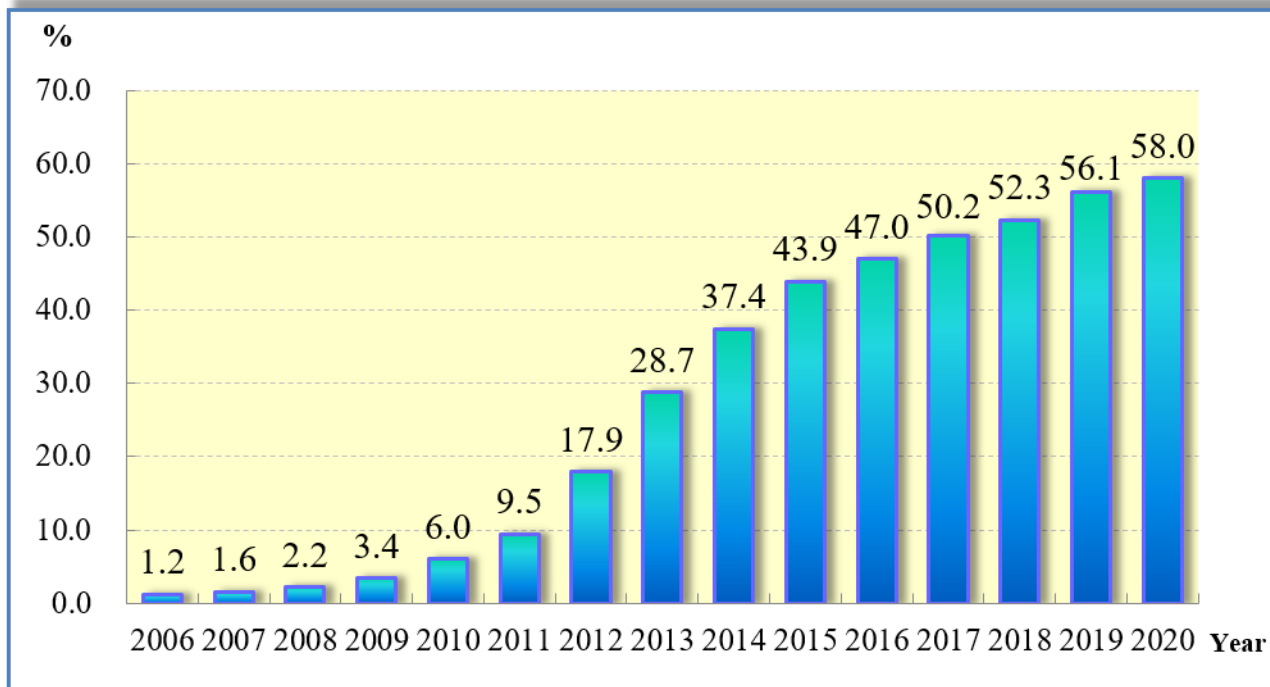
Data Communications Revenue - as Proportion of Total Telecom Revenue



Note : Data communications revenue includes mobile data services, internet services, value-added services and leased circuit services, but excludes Internet of Things(IoT) services.

Source: National Communications Commission

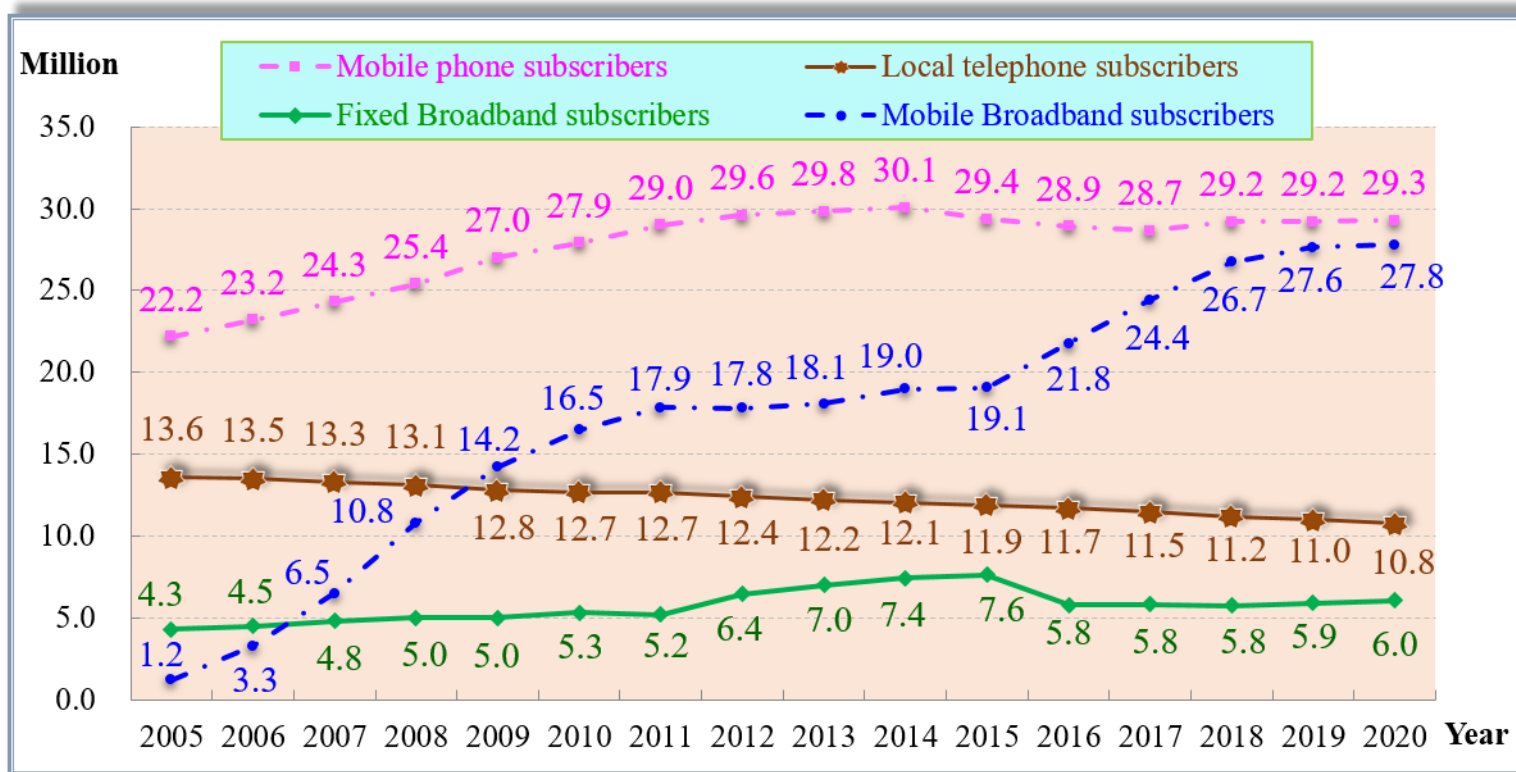
Mobile Data Service Revenue - as Proportion of Total Mobile Revenue



Note : Mobile data service revenue includes MMS revenue, but excludes Internet of Things(IoT) services .

Source: National Communications Commission

Telecom Subscribers by Services



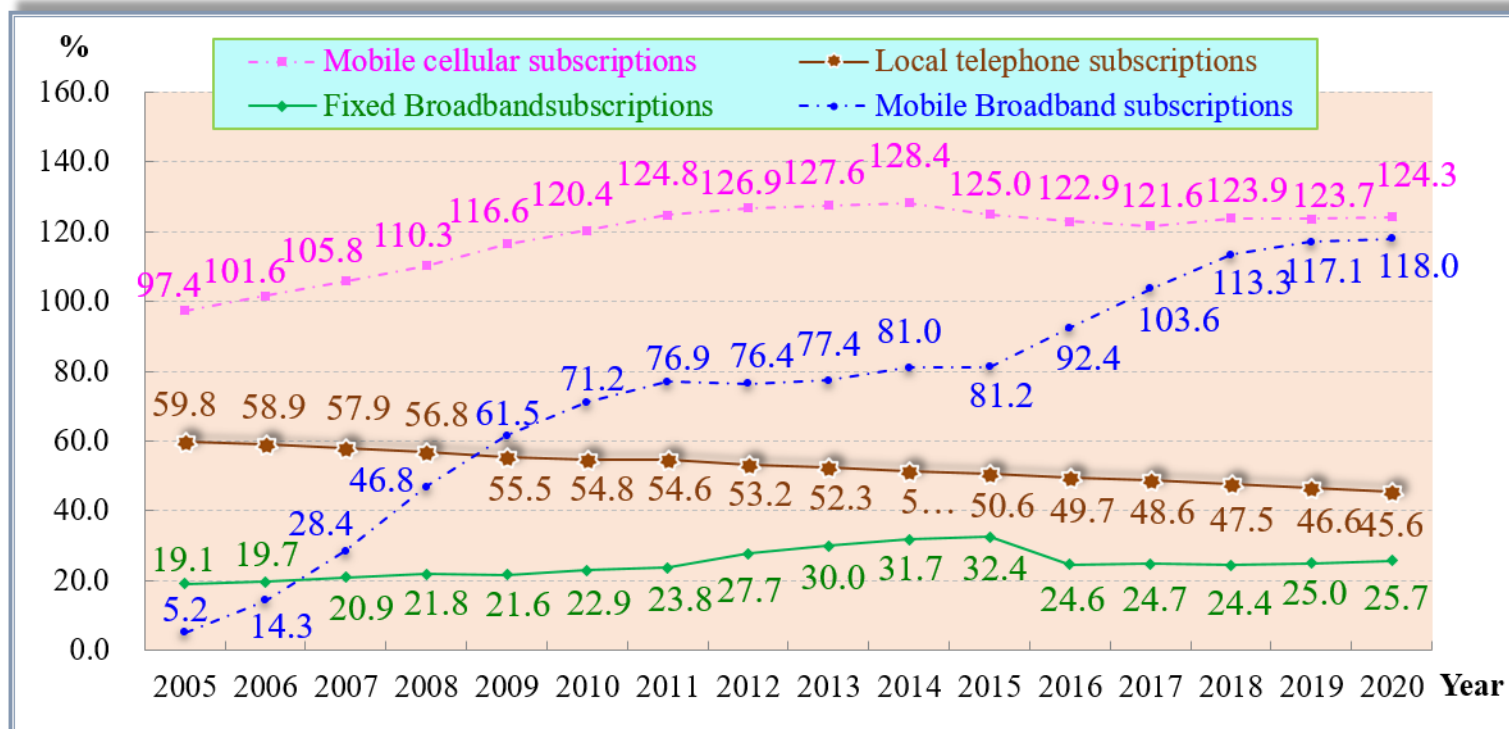
Note 1: 4G (2014), and 5G(2020) added to mobile cellular subscriptions (Internet of Things (IoT) services excluded) .

Note 2: Mobile Broadband subscribers: subscribers that can access the internet.

Note 3: Fixed Broadband subscribers: subscribers of ADSL, FTTx, Cable Modem, Leased Line and PWLAN.

Source: National Communications Commission

Telecom Services Subscribers per 100 Inhabitants



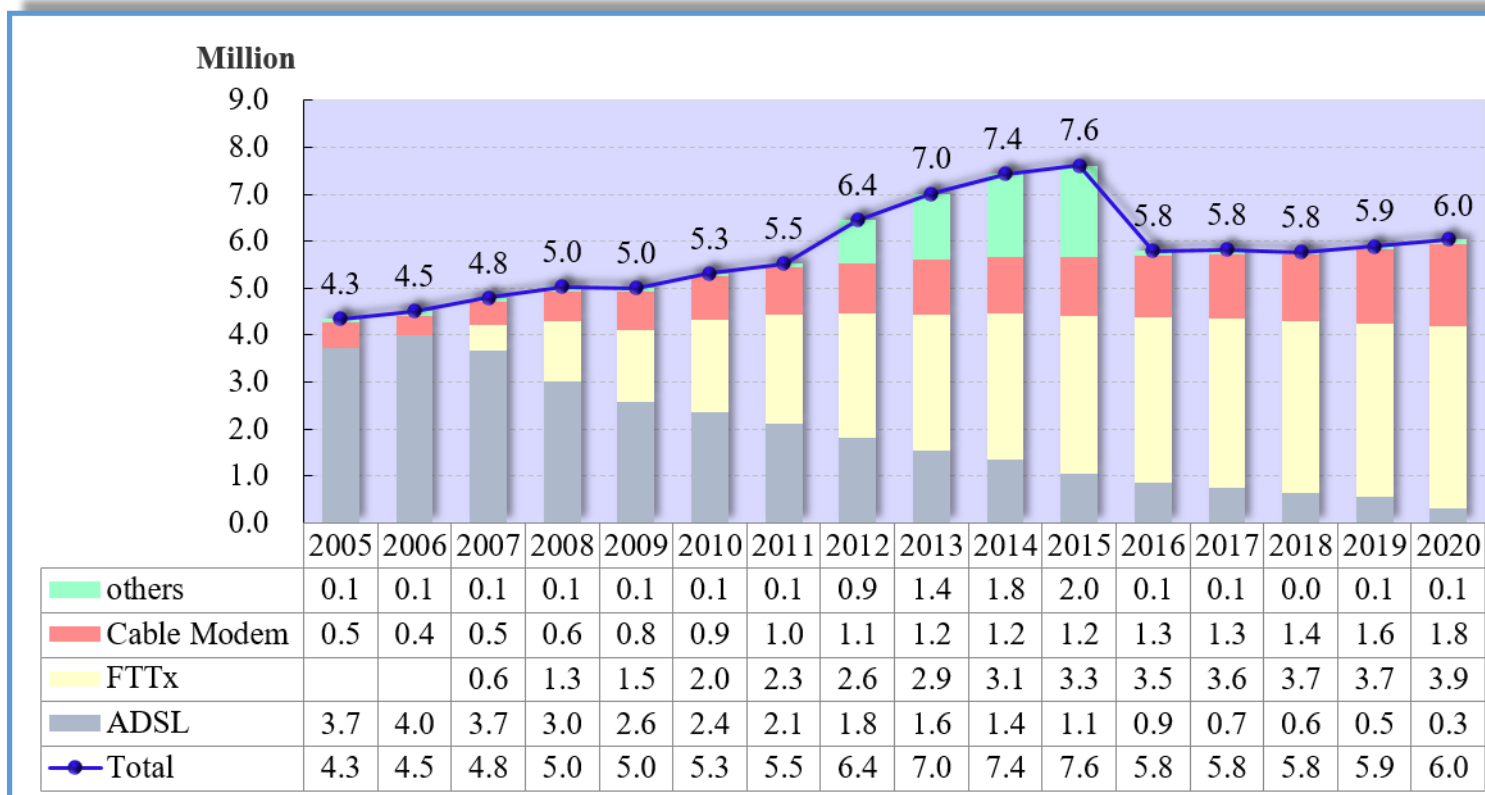
Note 1: 4G (2014), and 5G(2020) added to mobile cellular subscriptions (Internet of Things (IoT) services excluded) .

Note 2: Mobile Broadband subscribers: subscribers that can access the internet.

Note 3: Fixed Broadband subscribers: subscribers of ADSL, FTTx, Cable Modem, Leased Line and PWLAN.

Source: National Communications Commission

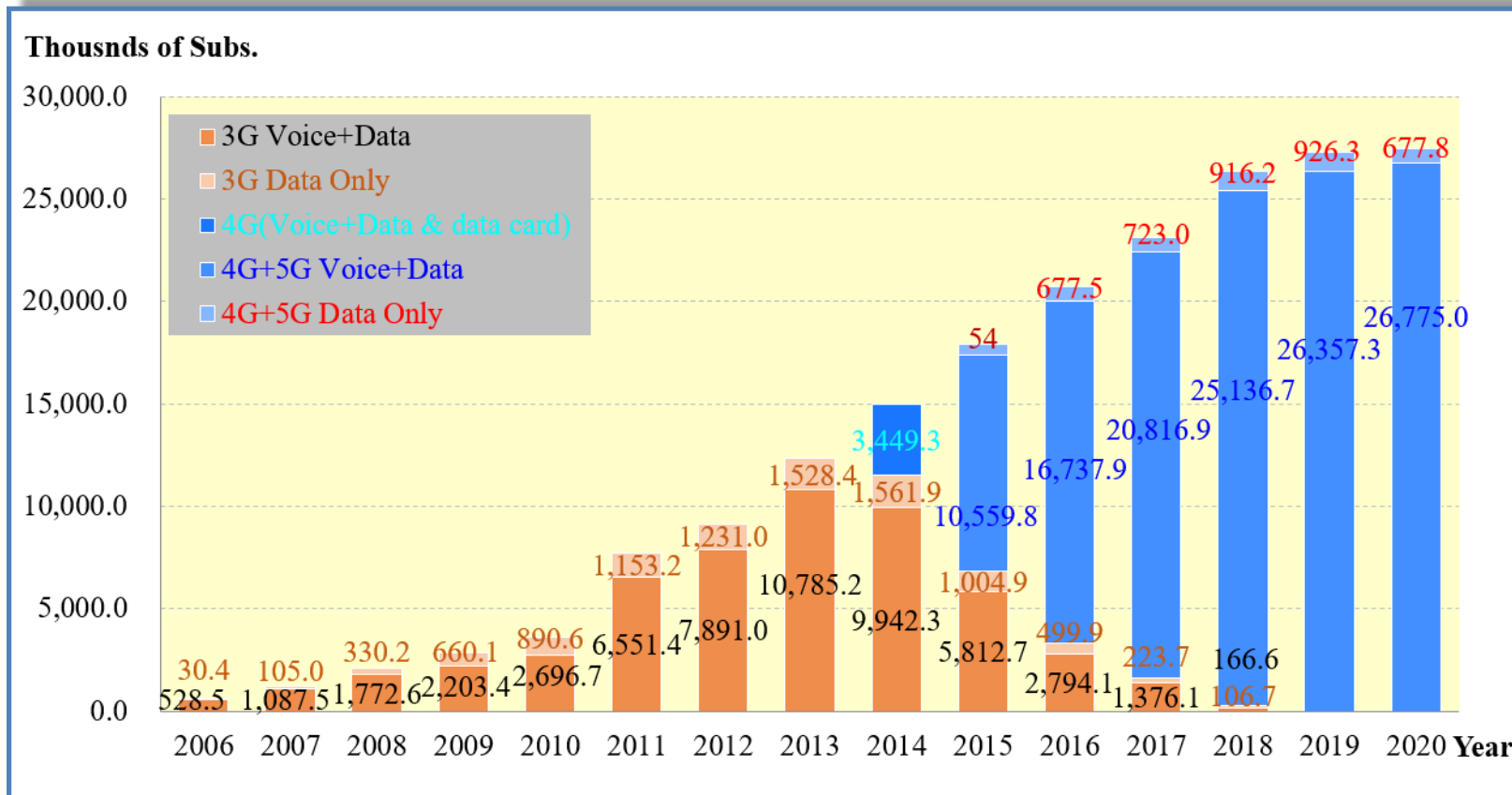
Fixed Broadband Subscribers -by Technologies



Note: “others” includes subscribers of PWLAN, Leased Line.

Source: National Communications Commission

Internet Access via Mobile Networks

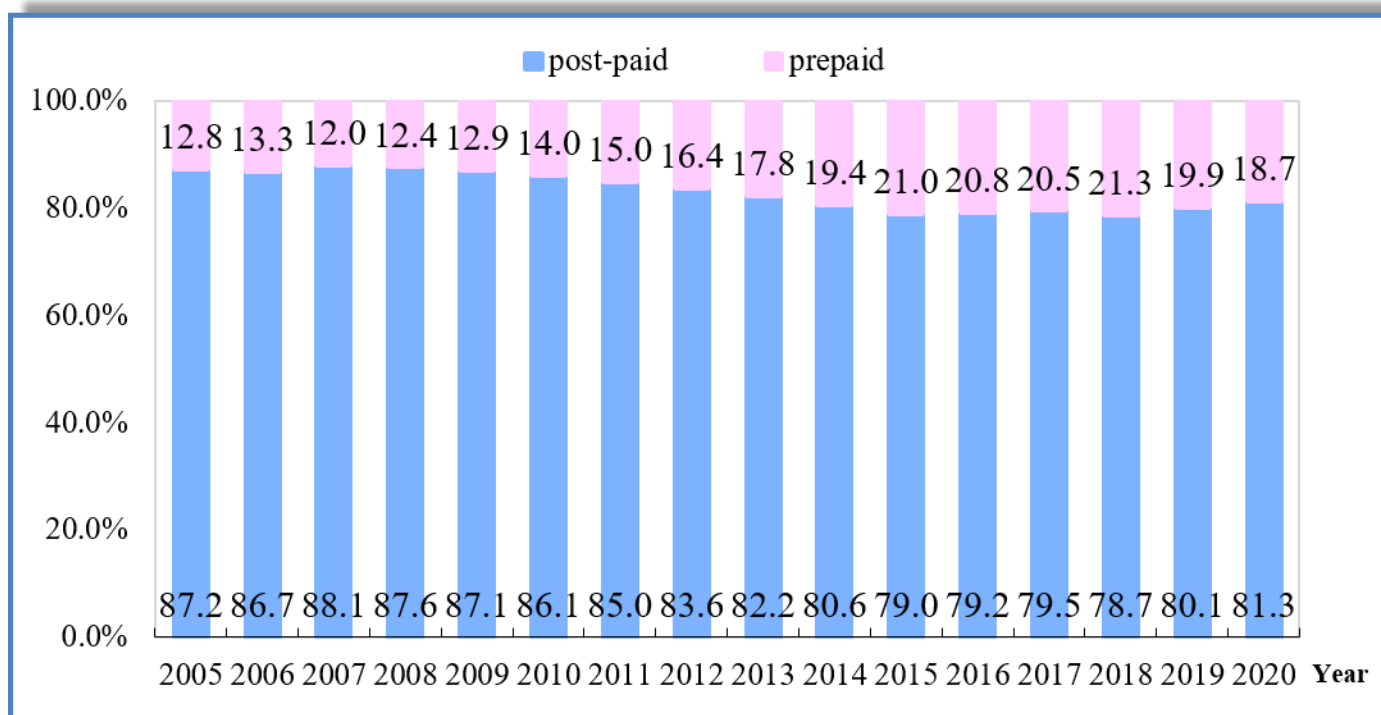


Note: Subscribers of Internet Access via Mobile Networks excludes Internet of Things(IoT) services.

Source: National Communications Commission

Mobile Market

- Proportion of Prepaid Card Subscribers

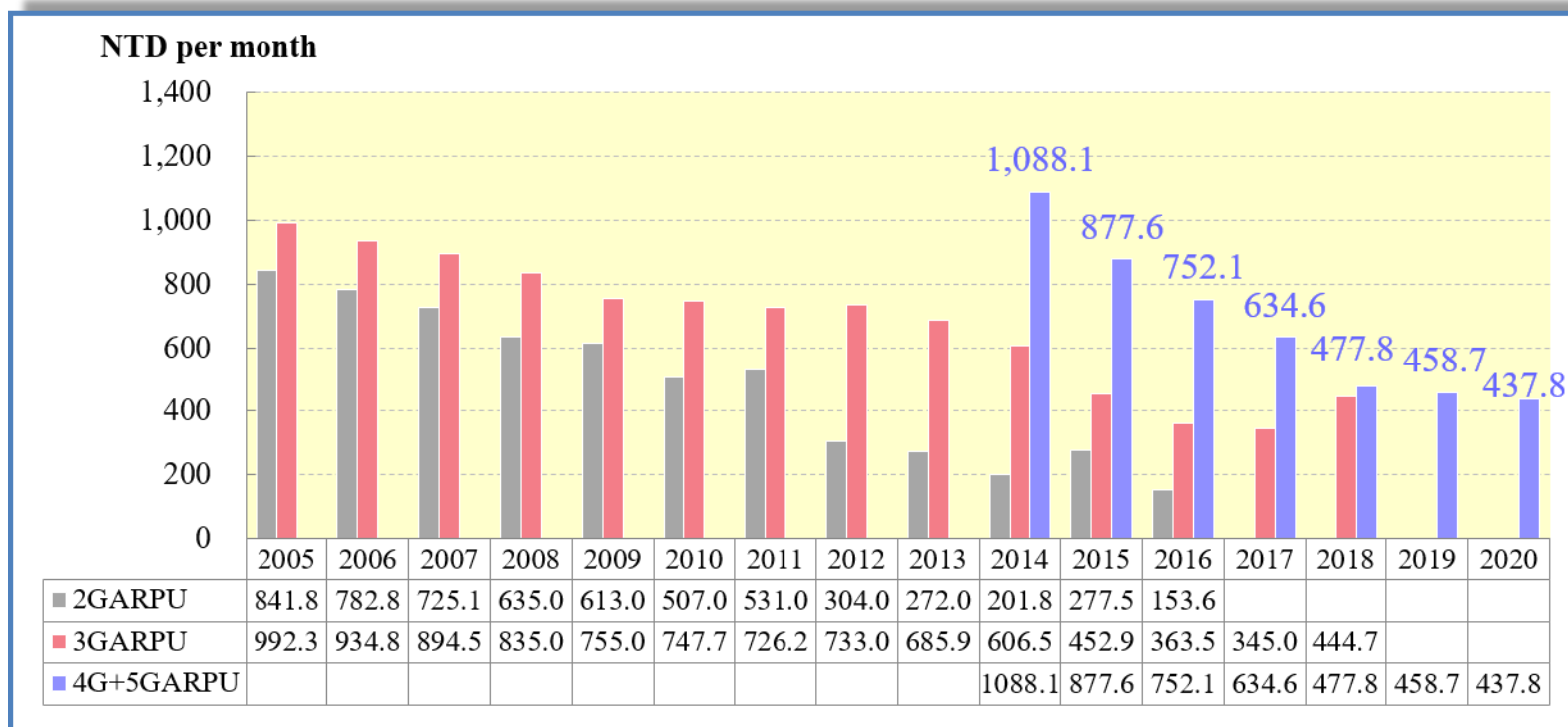


Note 1: 4G subscribers included from 2014, 5G subscribers included from 2020.

Note2 : Prepaid and post-paid subscriptions exclude Internet of Things(IoT) services.

Source: National Communications Commission

Average Revenue Per User (ARPU) of Mobile Services in December

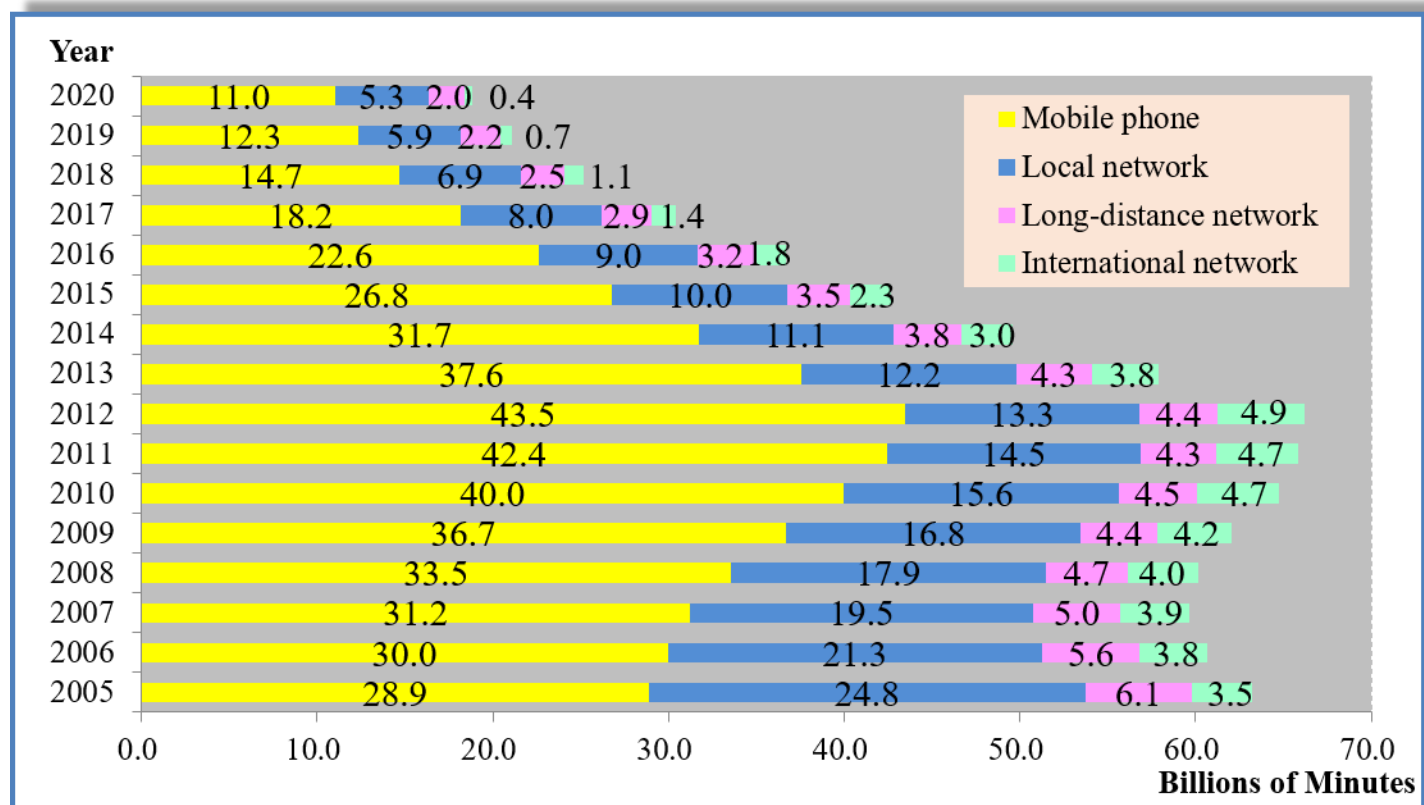


Note1: ARPU of mobile services refers to total amount of mobile phone revenue per month divided by the number of mobile phone subscribers.

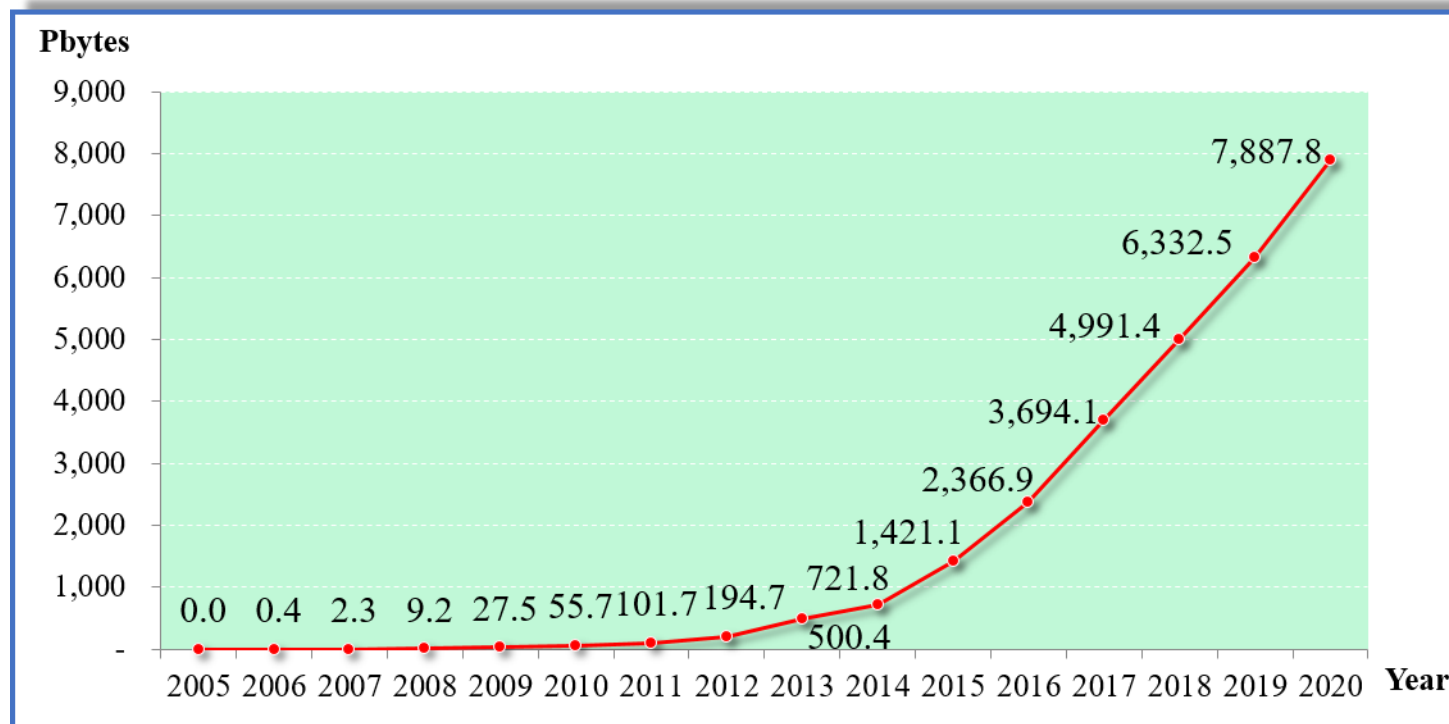
Note2: ARPU of mobile services exclude Internet of Things(IoT) services.

Source: National Communications Commission

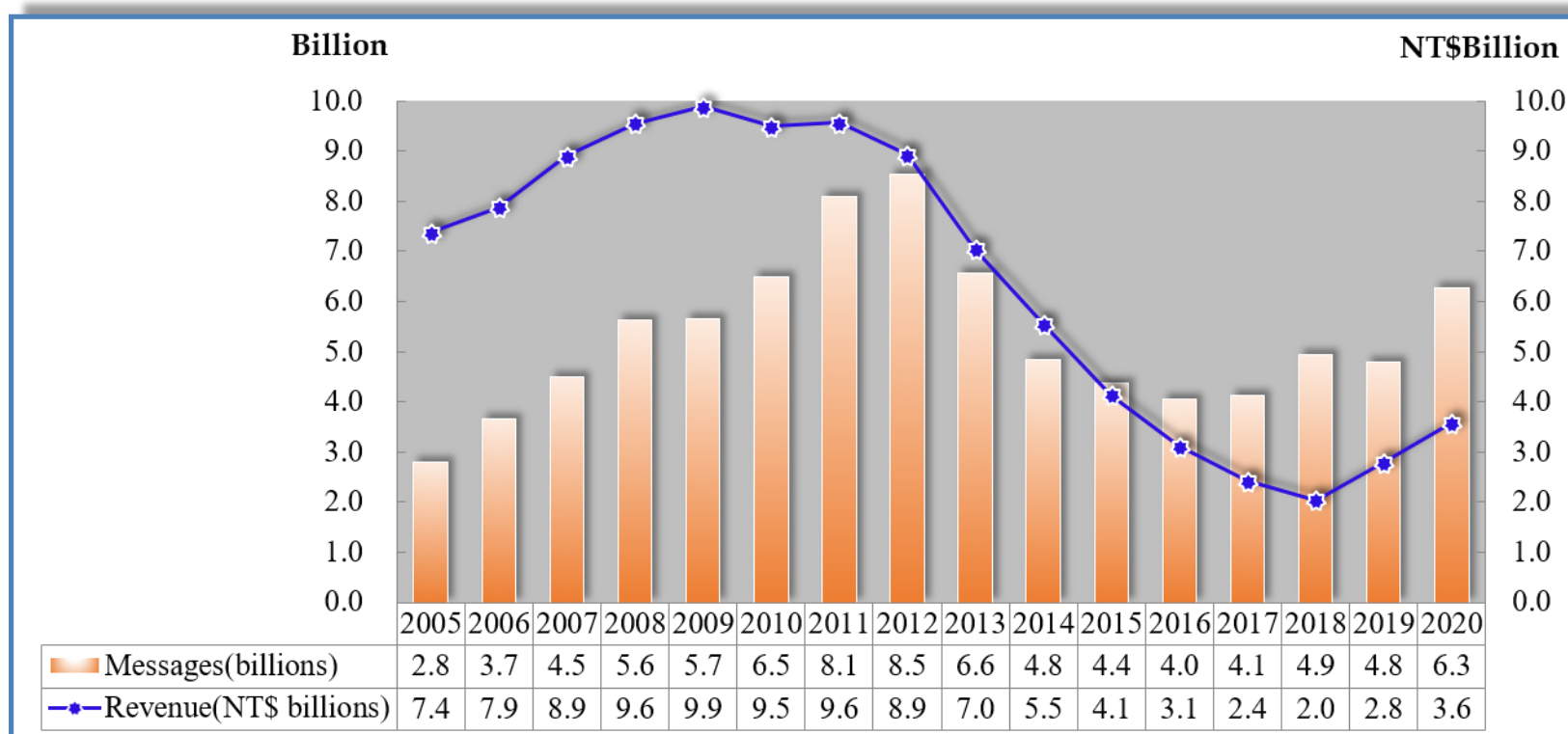
Mobile and Fixed Voice Volume



Mobile Data Volume



SMS (Short Message Service) Volume and Revenue



MMS (Multimedia Messaging Service) Volume and Revenue

