

3Q 2023

COMMUNICATIONS AND MULTIMEDIA FACTS & FIGURES

Updated as of September 2023



PENETRATION RATES (%)

133.8 Mobile-broadband²
2Q 2023: **133.3**

49.9 Fixed-broadband¹
2Q 2023: **49.1**

148.6 Mobile-cellular²
2Q 2023: **148.1**

77.3 Pay TV³
2Q 2023: **78.5**

Notes:

1. Fixed-broadband refers to penetration rate per 100 premises.
2. Mobile-broadband and mobile-cellular refer to penetration rate per 100 inhabitants.
3. Pay TV refers to penetration rate per 100 households.
4. Revised figures are underlined.

BROADBAND SUBSCRIPTIONS ('000)

49,256.0 Total broadband
2Q 2023: **48,888.3**

44,770.1 Mobile-broadband
2Q 2023: **44,486.0**
Subscription by individual

4,486.7 Fixed-broadband
2Q 2023: **4,402.3**
Subscription by premise, household and non-household

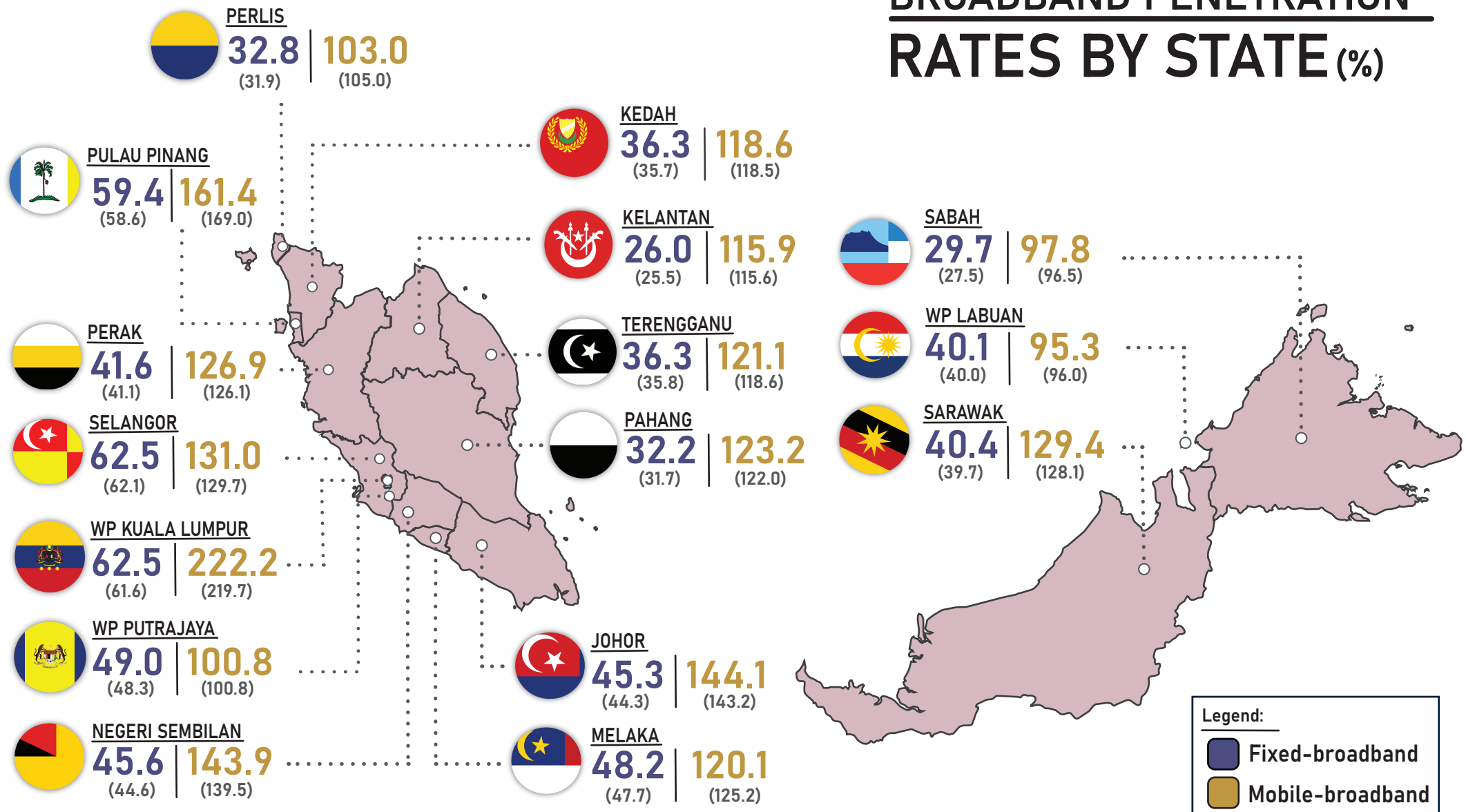
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BROADBAND PENETRATION RATES BY STATE (%)



Legend:

- Fixed-broadband
- Mobile-broadband

Note:

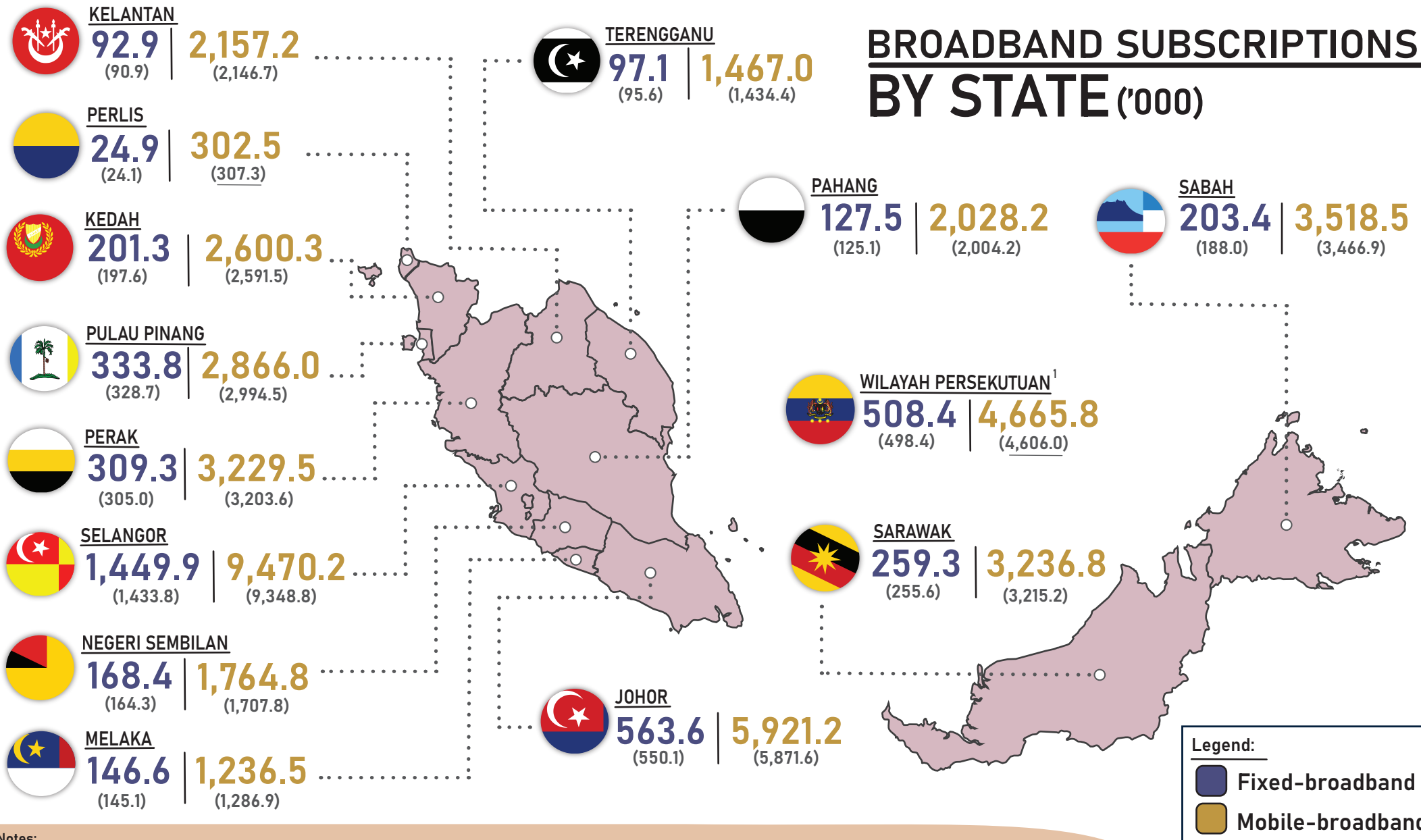
1. Data in parentheses refer to 2Q 2023 data.

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Notes:

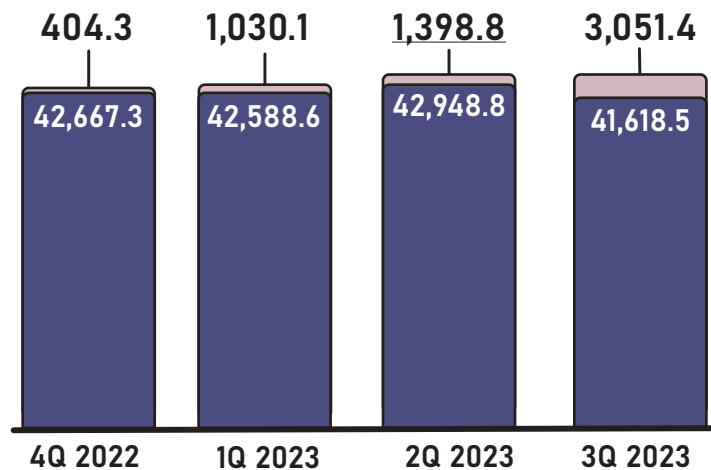
1. Wilayah Persekutuan is inclusive of Wilayah Persekutuan Kuala Lumpur, Wilayah Persekutuan Labuan and Wilayah Persekutuan Putrajaya.

2. Data in parentheses refer to 2Q 2023 data.

3. Revised figure are underlined.

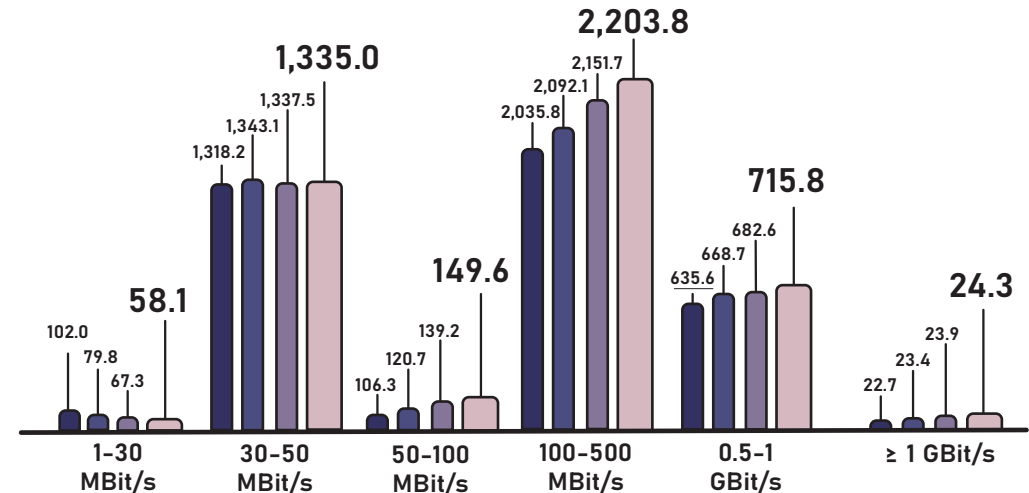
BROADBAND SUBSCRIPTIONS ('000)

a) Mobile-broadband by technology

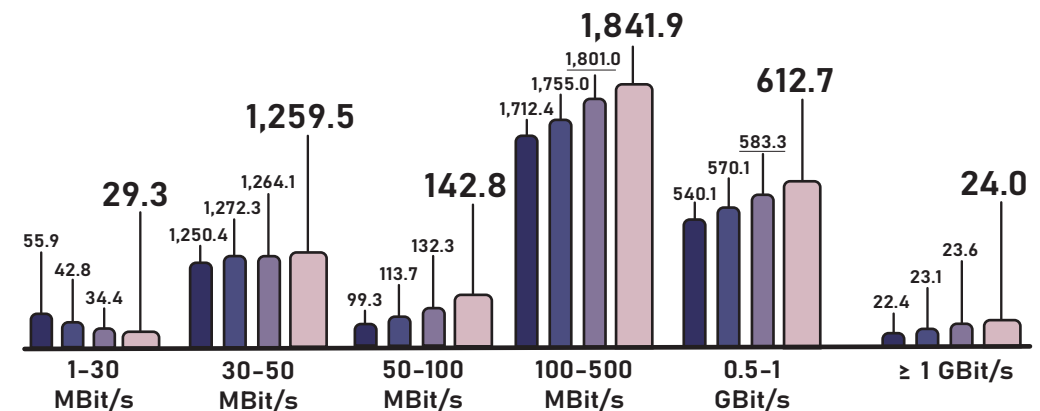


■ At most 4G ■ At most 5G

b) Fixed-broadband by speed range (Overall)



c) Fixed-broadband by speed range (Household)



■ 4Q 2022 ■ 1Q 2023 ■ 2Q 2023 ■ 3Q 2023

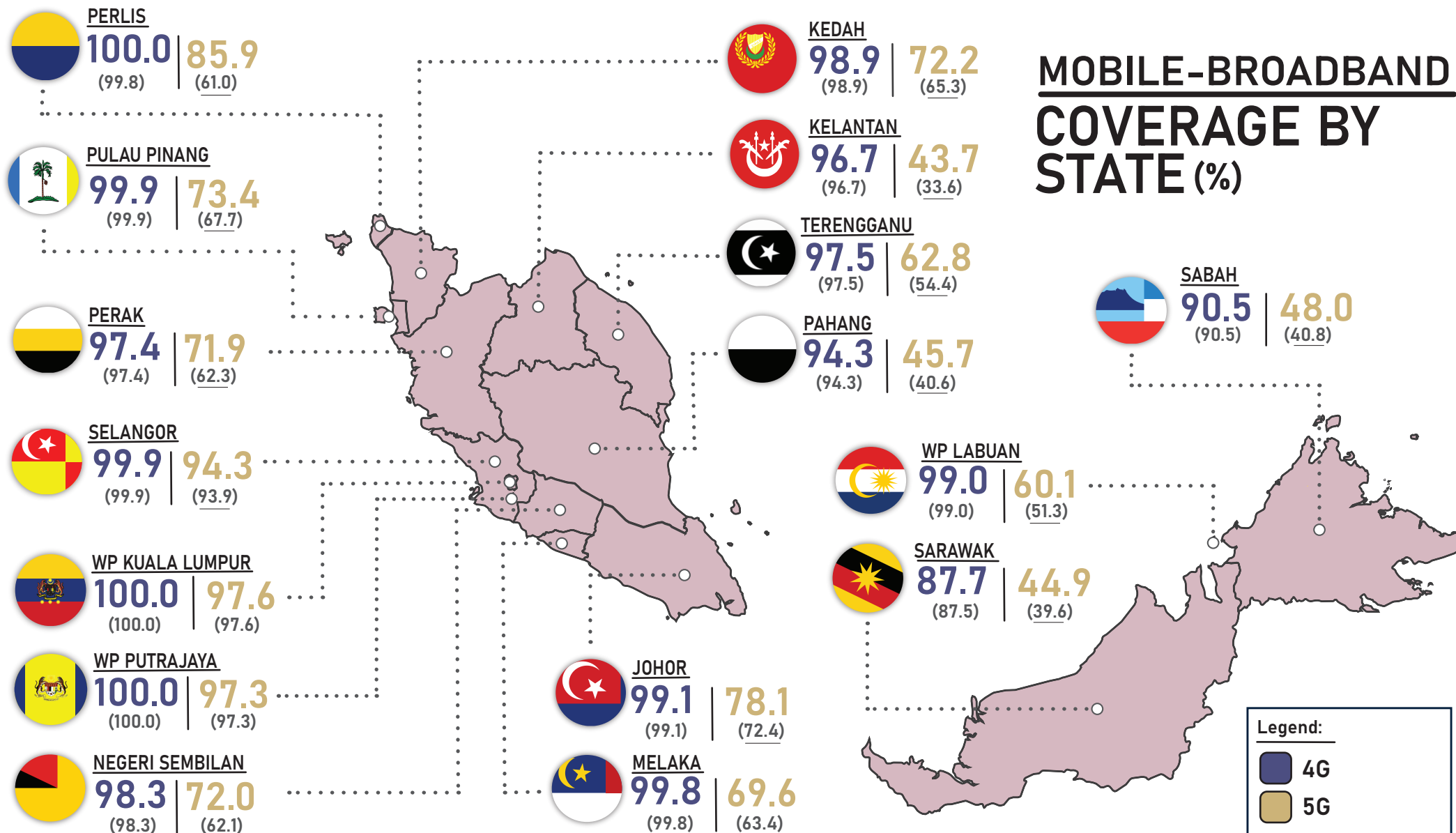
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1. Revised figure are underlined.

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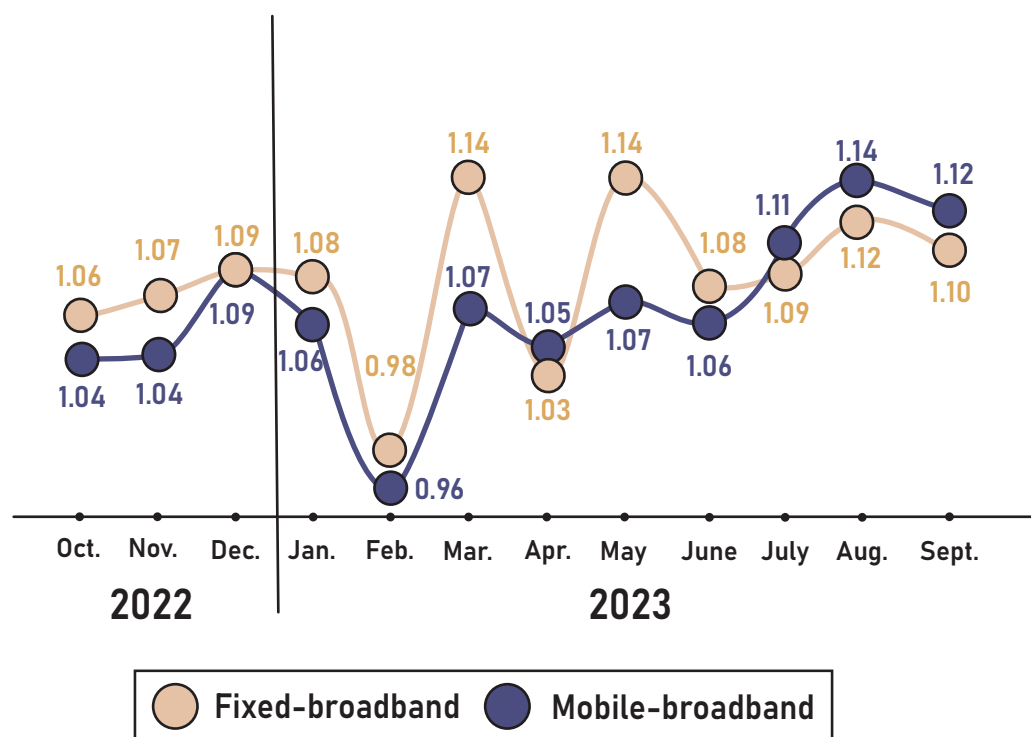


Notes:

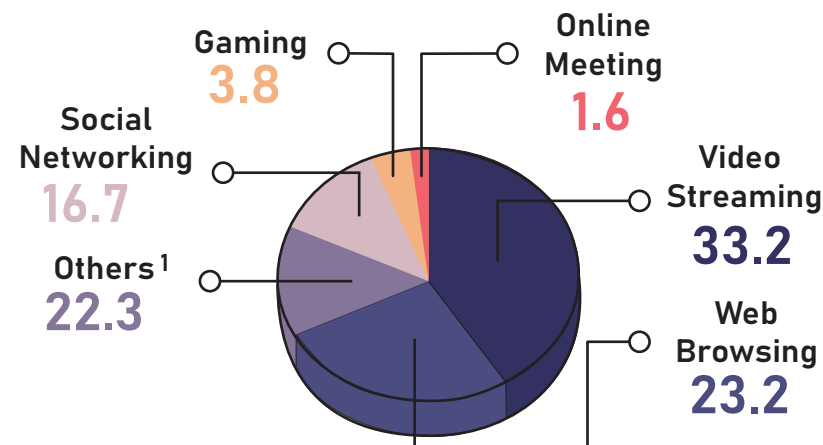
1. Data in parentheses refer to 2Q 2023 data.
2. Revised figure are underlined.

BROADBAND TRAFFIC

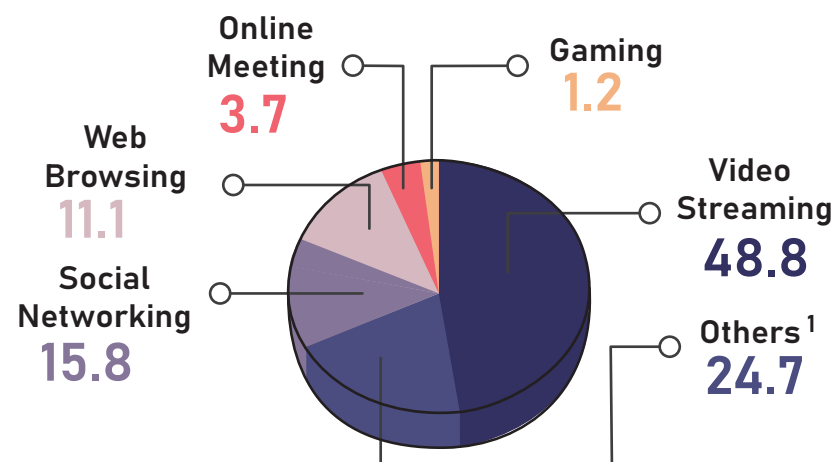
a) Broadband Traffic (Exabytes)



b) Fixed-broadband traffic by segment (%)



c) Mobile-broadband traffic by segment (%)

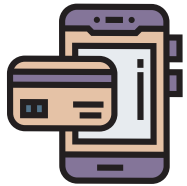


Note:

1. Others refers to audio, software updates, P2P file sharing, cloud storage, etc.

2. 1 Exabyte = 1,000,000,000 Gigabyte.

a) Postpaid subscriptions ('000)



14,619.7
(14,456.3)

b) Prepaid subscriptions ('000)



35,094.6
(34,983.8)

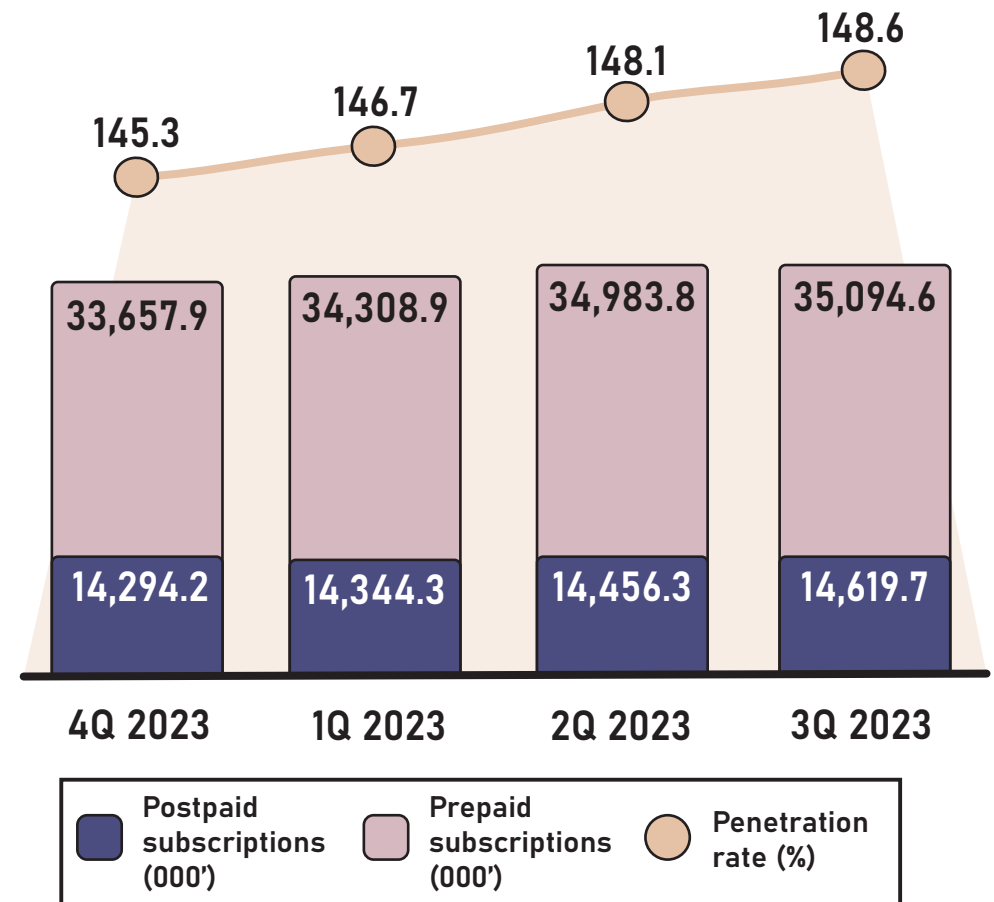
c) Total SMS ('000)



290,379.1
(374,123.2)

MOBILE-CELLULAR

d) Subscriptions and penetration rate per 100 inhabitants



Note:

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PAY TV

a) Pay TV Subscriptions ('000)



6,324.5
(6,406.0)

=

Household ('000)



6,315.4
(6,396.9)

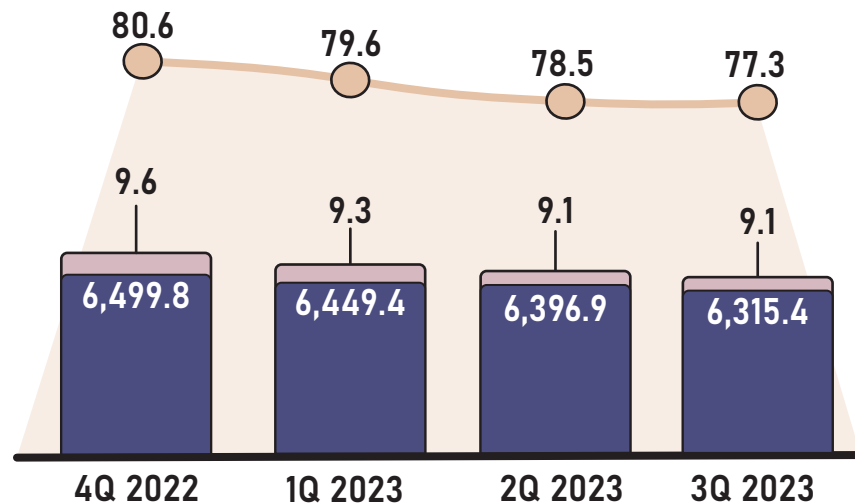
+

Non-household ('000)



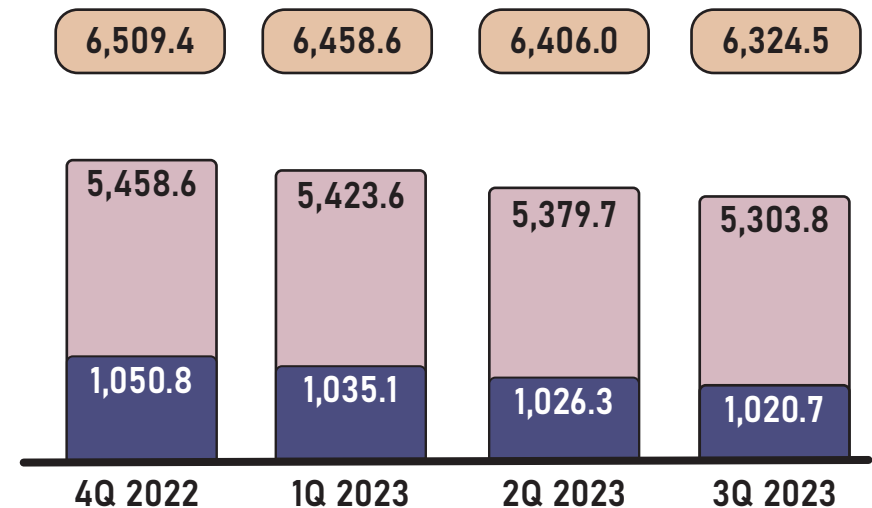
9.1
(9.1)

b) Subscription and Penetration rate
per 100 households



Households ('000') Non-households ('000') Penetration rate (%)

c) Subscription by technology ('000)



IPTV Satellite Total

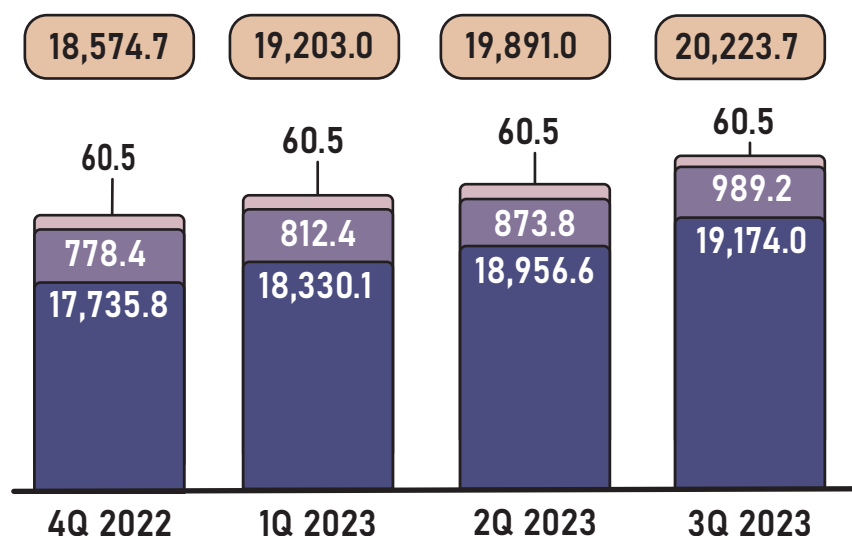
Note:

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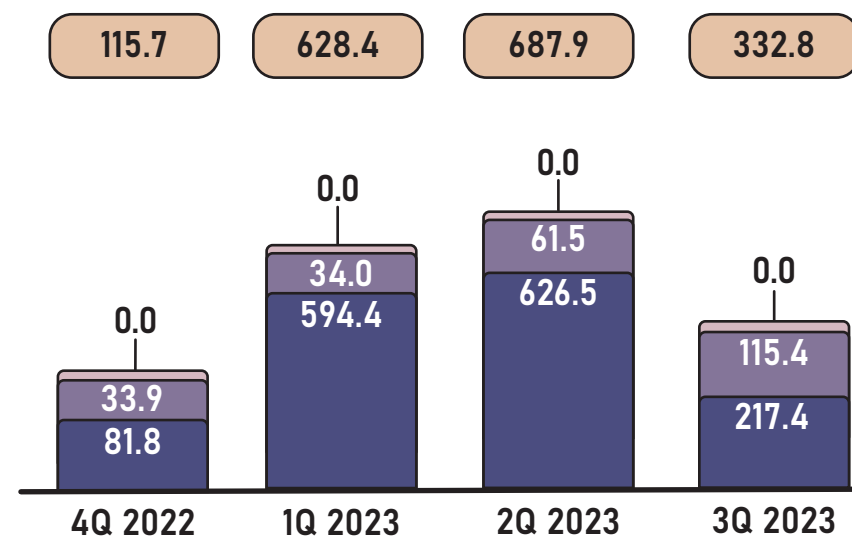
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DIGITAL SIGNATURE

a) Accumulate number of certificates issued since 2003 by type ('000)



b) Number of certificates issued by type in quarter ('000)



Local - Government Local - Corporate Others¹ Total

Notes:

1. Others includes Local - Individual, Foreign - Corporate, and Foreign - Government.

Notes:

- All penetration rates are estimated based on population projection as at the end of period Census 2020 by Department of Statistics, Malaysia (DOSM), except 4Q 2021 and Q1 2022, the population figure is estimated using MCMC internal estimation.
- Broadband penetration rate is calculated based on fixed-broadband subscriptions with speed equal or more than 1Mbit/s, and Mobile-broadband with speed equal or more than 650kbit/s.
- Fixed-broadband penetration rate per 100 premises includes household and non-household subscriptions. Household subscriptions cover residential whereas non-household subscriptions inclusive of business, government, organization and etc.
- Commencing 1Q 2021, methodology to calculate total number of premises is revised by including total number of commercial and industrial premises from National Property Centre (NAPIC) and public facilities from DOSM.
- The added total may differ due to rounding.