1Q 2018 COMMUNICATIONS & MULTIMEDIA
Facts & Figures

Penetration Rates (%)

<table>
<thead>
<tr>
<th>Service</th>
<th>2017</th>
<th>1Q 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadband</td>
<td>117.3</td>
<td>115.9</td>
</tr>
<tr>
<td>Mobile-cellular</td>
<td>131.2</td>
<td>132.9</td>
</tr>
<tr>
<td>Fixed-telephone</td>
<td>20.4</td>
<td>20.0</td>
</tr>
<tr>
<td>Pay TV</td>
<td>83.2</td>
<td>82.2</td>
</tr>
</tbody>
</table>

Note:
- Broadband, Mobile-cellular and Fixed-telephone refer to penetration rate per 100 inhabitants
- Broadband includes fixed and mobile-broadband
- Pay TV refers to penetration rate per 100 households
Broadband

2.6 million
Fixed-broadband subscriptions
2017: 2.6 million

35.3 million
Mobile-broadband subscriptions
2017: 35.3 million

Subscriptions and penetration rate per 100 inhabitants (%)

Mobile-broadband (million)  Fixed-broadband (million)  Broadband penetration rate per 100 inhabitants (%)

2014: 17.6  3.1  68.3  20.7  3.1
2015: 27.8  2.8  99.7  30.6  2.6
2016: 28.5  2.5  99.8  31.0  2.6
2017: 35.3  2.6  117.3  37.8  2.6
2018: 35.3  2.6  115.9  37.9  2.6

Broadband penetration rate per 100 inhabitants by states (%)

LEGEND:
1Q 2018: 115.9 (National)
2017: 117.3 (National)
Broadband subscriptions by states (`000)

- Johor
  - Fixed BB: 5,151.2
  - Mobile BB: 324.2
- Kedah
  - Fixed BB: 1,833.2
  - Mobile BB: 101.1
- Kelantan
  - Fixed BB: 1,450.6
  - Mobile BB: 40.0
- Melaka
  - Fixed BB: 963.0
  - Mobile BB: 81.9
- Negeri Sembilan
  - Fixed BB: 1,445.4
  - Mobile BB: 70.2
- Pahang
  - Fixed BB: 2,431.7
  - Mobile BB: 143.7
- Perak
  - Fixed BB: 2,573.5
  - Mobile BB: 185.2
- Perlis
  - Fixed BB: 216.1
  - Mobile BB: 12.3
- Pulau Pinang
  - Fixed BB: 2,027.6
  - Mobile BB: 205.9
- Sabah
  - Fixed BB: 2,540.9
  - Mobile BB: 102.6
- Sarawak
  - Fixed BB: 7,624.1
  - Mobile BB: 921.4
- Selangor
  - Fixed BB: 7,413.4
  - Mobile BB: 7,413.4
- Terengganu
  - Fixed BB: 1,000.1
  - Mobile BB: 53.3
- WP Kuala Lumpur
  - Fixed BB: 3,090.9
  - Mobile BB: 249.3
- WP Labuan
  - Fixed BB: 65.0
   - Mobile BB: 7.4
- WP Putrajaya
  - Fixed BB: 66.6
  - Mobile BB: 13.1

Note:
- Fixed BB = Fixed-broadband
- Mobile BB = Mobile-broadband

Mobile-broadband penetration rate per 100 inhabitants by states (%)
- Johor: 139.4
- Kedah: 79.5
- Kelantan: 73.5
- Melaka: 94.3
- Negeri Sembilan: 7.9
- Pahang: 4.3
- Perak: 7.4
- Perlis: 4.9
- Pulau Pinang: 78.5
- Sabah: 61.9
- Sarawak: 5.2
- Selangor: 4.4
- Terengganu: 211.7
- WP Kuala Lumpur: 13.3
- WP Labuan: 7.6
- WP Putrajaya: 14.6

Fixed-broadband penetration rate per 100 inhabitants by states (%)
- Johor: 8.5
- Kedah: 4.7
- Kelantan: 2.2
- Melaka: 8.9
- Negeri Sembilan: 7.9
- Pahang: 4.3
- Perak: 7.4
- Perlis: 4.9
- Pulau Pinang: 11.7
- Sabah: 2.6
- Sarawak: 5.2
- Selangor: 4.4
- Terengganu: 211.7
- WP Kuala Lumpur: 13.3
- WP Labuan: 7.6
- WP Putrajaya: 14.6

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### Mobile-cellular

**Subscriptions and penetration rate per 100 inhabitants (%)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Postpaid (million)</th>
<th>Prepaid (million)</th>
<th>Mobile-cellular penetration rate per 100 inhabitants (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>8.1</td>
<td>36.8</td>
<td>44.9</td>
</tr>
<tr>
<td>2015</td>
<td>8.7</td>
<td>35.4</td>
<td>44.1</td>
</tr>
<tr>
<td>2016</td>
<td>9.2</td>
<td>34.3</td>
<td>43.5</td>
</tr>
<tr>
<td>2017</td>
<td>10.2</td>
<td>32.1</td>
<td>42.3</td>
</tr>
<tr>
<td>1Q 2018</td>
<td>10.4</td>
<td>33.1</td>
<td>43.5</td>
</tr>
</tbody>
</table>

- 10.4 million postpaid subscriptions (2017: 10.2 million)
- 33.1 million prepaid subscriptions (2017: 32.1 million)

**1,668 million SMS sent**
- 4Q 2017: 1,751 million

![SMS icon](sms_icon.png)

### Pay TV

**Subscriptions and penetration rate per 100 households (%)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Households (million)</th>
<th>Non-households (million)</th>
<th>Pay TV penetration rate per 100 households (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>5.2</td>
<td>0.2</td>
<td>71.4</td>
</tr>
<tr>
<td>2015</td>
<td>5.6</td>
<td>0.2</td>
<td>72.5</td>
</tr>
<tr>
<td>2016</td>
<td>6.2</td>
<td>0.2</td>
<td>79.0</td>
</tr>
<tr>
<td>2017</td>
<td>6.8</td>
<td>0.2</td>
<td>83.2</td>
</tr>
<tr>
<td>1Q 2018</td>
<td>6.9</td>
<td>0.2</td>
<td>82.2</td>
</tr>
</tbody>
</table>
Fixed-telephone

Subscriptions and penetration rate per 100 inhabitants (%)

- Analogue fixed-telephone line (DEL) (million)
- Fixed wireless local loop (WLL) (million)
- Public payphone (million)
- Voice-over-IP (VoIP) (million)
- ISDN voice-channel equivalents (million)
- Fixed-telephone penetration rate per 100 inhabitants (%)

**2014**
- 14.5
  - DEL: 4.4
  - WLL: 4.8
  - ISDN: 4.8
  - Payphones: 6.5

**2015**
- 15.7
  - DEL: 4.8
  - WLL: 4.8
  - ISDN: 6.6
  - Payphones: 6.5

**2016**
- 15.6
  - DEL: 4.8
  - WLL: 4.8
  - ISDN: 6.6
  - Payphones: 6.5

**2017**
- 20.4
  - DEL: 6.6
  - WLL: 6.6
  - ISDN: 6.6
  - Payphones: 6.6

**1Q 2018**
- 20.0
  - DEL: 6.5
  - WLL: 6.5
  - ISDN: 6.5
  - Payphones: 6.5

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**6.5 million**
- Fixed-telephone subscriptions
- 2017: 6.6 million

**2.8 million**
- Total DEL subscriptions
- 2017: 3.0 million

**8.7**
- DEL per 100 inhabitants
- 2017: 9.2

**Note:**
1. All penetration rates in this publication are estimated based on population projection as at end of period according to Census 2010, Department of Statistics, Malaysia (DOSM)
2. 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

For further inquiries please contact Statistics Department MCMC at, statistics@cmc.gov.my