

To News Organizations and Journalists

Mobile Content Forum

The 2017 total for mobile content related markets was 5,729.1 billion yen.

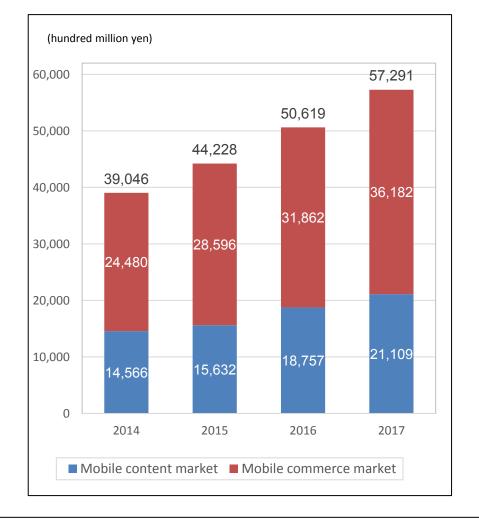
The mobile content market accounted for 2,110.9billion yen.

The mobile commerce market accounted for 3,618.2 billion yen.

(Unit: hundred million yen)

| Market category | 2014 | 2015 | 2016 | YOY | 2017 | YOY |
|--------------------------------|--------|--------|--------|------|--------|------|
| Mobile content market | 14,566 | 15,632 | 18,757 | 120% | 21,109 | 113% |
| Mobile commerce market | 24,480 | 28,596 | 31,862 | 111% | 36,182 | 114% |
| Mobile content reralted market | 39,046 | 44,228 | 50,619 | 114% | 57,291 | 113% |

Mobile Content Forum Survey



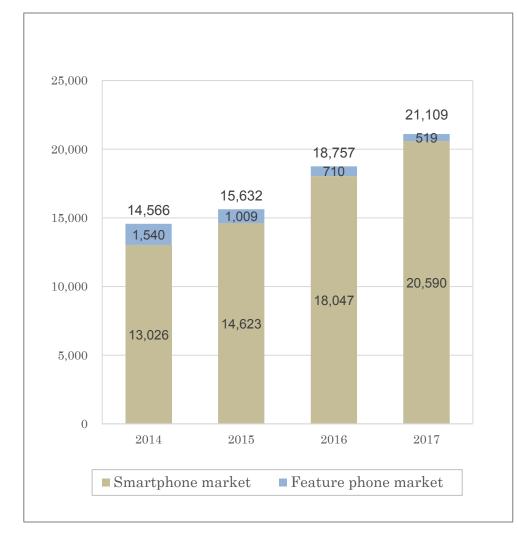
Mobile Content Forum (MCF) conducted market research regarding the mobile content-related market in 2017 (from January to December). We have announced the results of our mobile content-related market survey with regards to the "mobile content market", which consists of paid digital content such as games and music, and the "mobile commerce market", which consists of 3 segments including the shopping, services, and transaction segments. The total for the "mobile content-related market", combining both markets in 2017, was 5,729.1 billion yen for a positive year-on-year of 113%. Since the business model of the "mobile content market" is different, calculations were made to distinguish between the feature phone market and the smartphone market.

The mobile content market accounted for 2,110.9 billion yen in 2017. The feature phone market accounted for 51.9 billion yen and the smartphone market accounted for 2,059.0 billion yen.

| (| Unit: | hundred | million | yen) |
|---|-------|---------|---------|------|
| | | | | |

| | | | | | | 1 |
|-------------------------|--------|--------|--------|------|--------|------|
| | 2014 | 2015 | 2016 | YOY | 2017 | YOY |
| Smartphone market *1 | 13,026 | 14,623 | 18,047 | 123% | 20,590 | 114% |
| Feature phone market *2 | 1,540 | 1,009 | 710 | 70% | 519 | 73% |
| Mobile content market | 14,566 | 15,632 | 18,757 | 120% | 21,109 | 113% |

Mobile Content Forum Survey

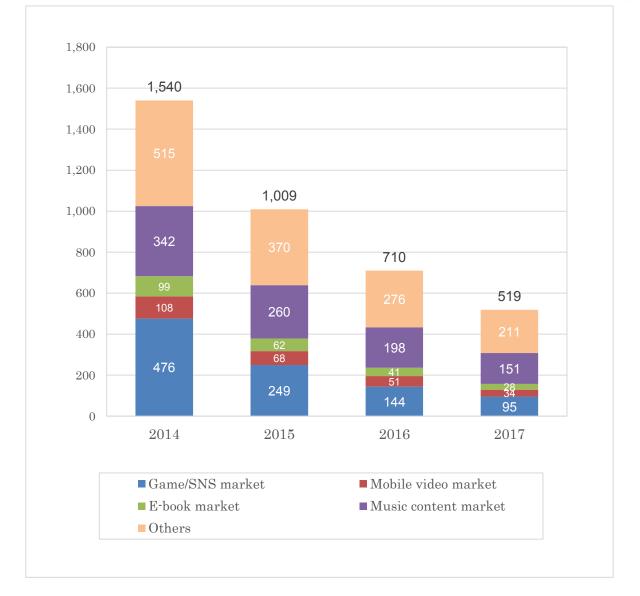


- *1 Smartphones (including tablets) are defined as terminals that are Internet connectible open operating systems that can make general use via applications and Web browsers. The smartphone market is defined as the market for selling digital content (including applications) related to smartphones. Although game dedicated terminals, which can download game titles, and notebook PCs are capable of connecting to the Internet, they have not been included in this market.
- *2 Feature phones are defined as conventional mobile phones that can make use of IP services for mobile phones such as the i-mode. The feature phone market is defined as the market for selling digital content such as music and games, based on a main model representing carrier charges on an official website related to feature phones.

| Breakdown | of the | 2017 | Feature | Phone | Market |
|-----------|--------|------|---------|-------|--------|
| | | | | | |

| | (Unit: hundred million yen) | | | | | |
|-----------------------------|-----------------------------|-------|------|-----|------|-----|
| | 2014 | 2015 | 2016 | YOY | 2017 | YOY |
| Game/SNS market *1 | 476 | 249 | 144 | 58% | 95 | 66% |
| Mobile video market *2 | 108 | 68 | 51 | 75% | 34 | 67% |
| E-book market *3 | 99 | 62 | 41 | 66% | 28 | 68% |
| Music content market *4 | 342 | 260 | 198 | 76% | 151 | 76% |
| Others | 515 | 370 | 276 | 75% | 211 | 76% |
| Feature Phone market totals | 1,540 | 1,009 | 710 | 70% | 519 | 73% |

Mobile Content Forum Survey



*1 The "Game and social game market" refers to online games and paid content provided by SNS, etc. This includes digital tools that can be bought such as avatars, and other items.

*2 The "Mobile video market" refers to paid video and movie content that can be used on smartphones, etc. *3The "E-book market" refers to e-book content that can be used on smartphones,etc.

*4 The "Music content market" refers to paid music content that can be used on smartphones, etc.

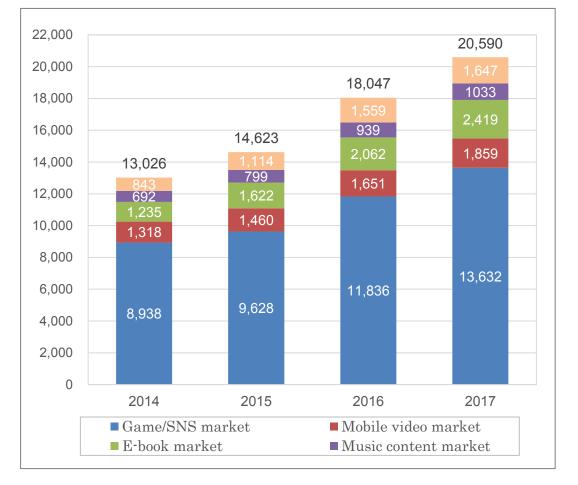
Breakdown of the 2017 smartphone market <u>The "game and social game market" accounted for 1,363.2 billion yen.</u> <u>The "Mobile video market" accounted for 185.9 billion yen, and the "E-book</u> <u>market" accounted for 241.9 billion yen.</u> The "music content market" accounted for 402.2 billion yen

The "music content market" accounted for 103.3 billion yen.

(Unit: hundred million yen)

| | 2014 | 2015 | 2016 | YOY | 2017 | YOY |
|--------------------------|--------|--------|--------|------|--------|------|
| Game/SNS market *1 | 8,938 | 9,628 | 11,836 | 123% | 13,632 | 115% |
| Mobile video market *2 | 1,318 | 1,460 | 1,651 | 113% | 1,859 | 113% |
| E-book market *3 | 1,235 | 1,622 | 2,062 | 127% | 2,419 | 117% |
| Music content market *4 | 692 | 799 | 939 | 118% | 1,033 | 110% |
| Others | 843 | 1,114 | 1,559 | 140% | 1,647 | 106% |
| Smartphone market totals | 13,026 | 14,623 | 18,047 | 123% | 20,590 | 114% |

Mobile Content Forum Survey



*1 The "Game and social game market" refers to online games and paid content provided by SNS, etc. This includes digital tools that can be bought such as avatars, and other items.

*2 The "Mobile video market" refers to paid video and movie content that can be used on smartphones, etc.

*3The "E-book market" refers to e-book content that can be used on smartpones,etc.

*4 The "Music content market" refers to paid music content that can be used on smartphones, etc.

The market scale of the "mobile content market" in 2017 was 2,110.9 billion yen, which is up, providing a year-on-year increase of 113%. The market scale includes calculation divided between the feature phone market, which is the market for selling digital content such as music and games, based on a main model representing carrier charges on an official website related to feature phones, and the smartphone market, which is the market for selling digital content (including applications) related to smartphones.

Among the figures for the market, the "smartphone market" experienced grow that 2,059.0 billion yen for year-on-year growth of 114%. On the other hand, the "feature phone market" accounted for 51.9 billion, shrank at only 73% of the previous year's figures. Looking at the breakdown of the content, all genres in the "feature phone market" are indicating a downward trend. In contrast to this, all genres in the "smartphone market " are indicating a upward trend. The "Game and social game market" in the "smartphone market" accounted for 66% of the whole market, providing for 1,363.2billion yen. And, the "Mobile video market" and the "Music content market", accounted for 185.9 billion yen and 103.3 billion yen respectively. In addition, the "E-book market" accounted for 241.9 billion yen.

The mobile commerce market accounted for3,618.2 billion yen in 2017.

"Shopping" accounted for 1,829.7 billion yen.

"Services" accounted for 1,376.7 billion yen.

"Transaction" accounted for 411.8 billion yen.

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|-------------------------------|--------|--------|--------|------|------------|---------------------------------------|
| | 2014 | 2015 | 2016 | YOY | 2017 | YOY |
| Shopping | 13,414 | 14,632 | 16,055 | 110% | 18,297 | 114% |
| Services | 8,736 | 10,970 | 12,363 | 113% | 13,767 | 111% |
| Transaction | 2,330 | 2,994 | 3,444 | 115% | 4,118 | 120% |
| Mobile commerce market totals | 24,480 | 28,596 | 31,862 | 111% | 36,182 | 114% |

(Unit: hundred million ven)

Mobile Content Forum Survey



The "mobile commerce market" is divided into 3 category segments including the "shopping market" (market targeting general mail order shopping), the "services market" (market targeting performance tickets, travel tickets, airline tickets, train tickets, etc.), and the "transaction market" (market targeting securities transaction fees, auction transaction fees, public competition transaction fees, etc.). The "mobile commerce market", by combining the 3 segments" accounted for 3,618.2 billion yen for a year-on-year of 114%.

The "shopping market" for purchasing products accounted for 1,829.7 billion yen, providing a year-on-year of 114%. The "services market" accounted for 1,376.7 billion yen for a year-on-year of 111%. The "transaction market" accounted for411.8 billion yen for a year-on-year of 120%

The mobile commerce market combines the totals of the feature phone and smartphone market.

Mobile Content Forum (abbreviated name: MCF)

Mobile Content Forum was established as an industry association consisting of businesses related to mobile content delivery services in order to further activate the mobile content environment. In order to support the healthy development of mobile content related industries, we aim at achieving co-existence and co-prosperity with society as it builds smooth relationships between consumers and relevant organizations. It is our mission to support the activities of our members and the industry. We have a membership of 110 companies (as of August 2018), most of whom are content providers.

Inquiries regarding this release
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