

App Annie 2016 Retrospective

RESEARCH & ANALYSIS

Table of Contents

Executive Summary	3	7. Social Apps Open Doors for Marketers	21
The App Economy's Continued Growth	7	8. Retail Banking: Innovate or Get Left Behind	22
1. Usage, Downloads and Revenue Increase	8	The Changing Mobile Gaming Landscape	24
2. Downloads Pave the Way for Revenue	11	9. Pokémon GO Takes Over the World	25
3. China Surges to the #1 Revenue Spot on iOS	14	10. Monetization of Top Games Soars	27
Mobile Is Transforming Industries	15	Top Apps and Companies	28
4. Video Streaming App Revenue Continues to Climb	16	Top Countries and Categories	92
5. The Two Paradigms of Mobile Retail	18	About App Annie	95
6. Holiday Shopping Goes Mobile	19		

Executive Summary

This past year demonstrated the continued maturity and growth of the mobile app market. While worldwide downloads grew by 15% from 2015 to 2016, time spent in apps grew by 25%, driving app store revenue paid out to publishers from Google Play and the iOS App Store up by 40%.

2016 marked a year of major market shifts in the app ecosystem. Not only did China become the largest country in terms of iOS App Store revenue in 2016, but its revenue growth rate accelerated off of a very strong 2015 performance. In fact, the global revenue growth rates for both the iOS App Store and Google Play were greater in 2016 than 2015. While mature markets experienced strong growth in 2016, emerging markets, including India, Indonesia, Mexico and Brazil, saw even more impressive gains.

There were a number of corporate developments that signaled growth and maturity in 2016. Japan's messaging giant LINE and communications API company Twilio went public. In ride-sharing, Uber sold its China operations to Didi Chuxing to focus on other markets. IT giant Microsoft snapped up LinkedIn while telecommunications company Verizon announced it was acquiring Yahoo.

The games space also saw a number of large acquisitions with notables including Tencent's acquisition of Supercell, Activision Blizzard's purchase of King, Vivendi's purchase of Gameloft and Playtika's acquisition by a Chinese consortium led by Giant.

Gaming continued to drive the majority of app store revenue and one of the biggest headlines of 2016 was the phenomenal success of *Pokémon GO*. Despite launching in July, it remained in the top five apps for worldwide revenue in the last week of the year. And the year ended with the release of the much anticipated Super Mario Run, which became the #1 app in 148 countries.

Shopping was another segment with impressive gains in 2016. Time spent in these apps grew by 30% year over year in the United States for the busy buying month of November. France, Germany and the United Kingdom experienced some of the highest growth rates in the number of sessions in shopping apps this past year.

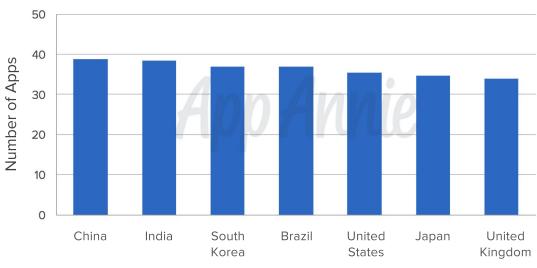
Building on momentum from 2015, video streaming delivered strong growth in revenue this past year as premium content — including sports and live streaming apps — grew both in users and engagement.

Although users spend the largest amount of their time in apps in messaging and social, a variety of other categories — from shopping to video streaming to travel — continue to gain on share of time as apps become an ever growing part of our daily lives.

The chart to the right shows that the average consumer typically uses a large number of apps — well over 30 per month — across a number of key markets. China, where Tencent's dominant WeChat messaging app delivers a broad platform of services, still leads on this metric — demonstrating users' appetites to regularly engage with a large and diverse set of apps.

2017 is set to be another banner year for the app ecosystem. As technology and business models continue to evolve, apps will play an even greater role in transforming, disrupting and creating opportunities for companies and industries both old and new.

Average Apps Used per User per Month*



*iPhone, 2016

The Technology Behind the Report

App Annie helps companies build better app businesses and is used by 94 of the top 100 publishers across the globe. From competitive benchmarking to international expansion, we deliver the data and insights needed to succeed in the app economy.

The information contained in this report is compiled from <u>App Annie Intelligence</u>, the leading market data solution for the app economy. To see how our app store data for download, revenue, demographic and usage estimates can help guide your critical business decisions, <u>request a demo today</u>.



EVALUATE & ASSESS

Identify market and investment opportunities by validating usage trends by country.



ACQUIRE & GROW

Identify high-performing creatives and keywords to optimize organic and paid user acquisition efforts.



DEVELOP & LAUNCH

Validate your app strategy and roadmap by analyzing the usage and demographic trends of key competitors by country.



ENGAGE & MONETIZE

Monitor active user and revenue growth to identify high performing publishers.



RETAIN & NURTURE

Increase retention and enhance app features based on user feedback and engagement metrics.

App Annie Is the Most Trusted Partner in the App Economy

































































Over 700,000 registered members rely on App Annie to better understand the app market, their businesses and the opportunities around them.

The App Economy's Continued Growth

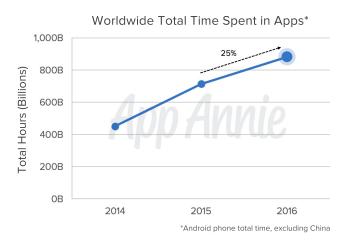
1. Usage, Downloads and Revenue Increase

The mobile app economy maintained strong momentum in 2016 as publishers continued to create apps that transform how we interact with the world and each other. The forward march of apps during the year is apparent by their significant worldwide growth across three key dimensions: usage, downloads and revenue.

Usage is an increasingly important barometer for the app economy. Although downloads (i.e., new app installs) are important to consider, they do not tell the whole story. To understand the app economy, usage metrics are critical because they reflect how often and for how long users engage with apps. Total time spent is chief among these usage metrics.

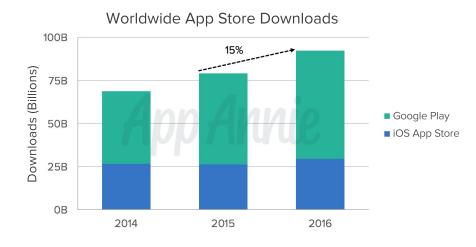
Total time spent in apps worldwide increased by over 150 billion hours year over year, reaching nearly 900 billion hours in 2016*. On a daily basis, this translates to an average of roughly two hours per Android phone user.

The increase in total time was broad-based. Most countries experienced over 20% year-over-year growth, with the US growing by roughly 25%. Worldwide, the top three categories by absolute growth on Android phones in 2016 were Communication, Social and Videos Players & Editors. Within these categories, three mega apps — *Chrome Browser*, *Facebook*, and *YouTube* — were the biggest contributors of absolute growth in their respective categories.



Like total time, worldwide download growth in 2016 followed roughly the same trajectory as in the previous year. This resulted in annual downloads reaching over 90 billion, an increase of more than 13 billion across the iOS App Store and Google Play. As in 2015, Google Play accounted for most of this growth (especially in emerging markets — see the next section). iOS downloads increased more in 2016 than they did in 2015. This was driven largely by China, which accounted for nearly 80% of iOS download growth.

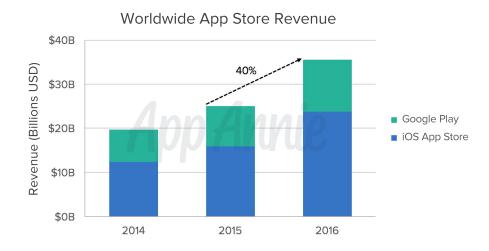
On both stores, apps (excluding games) contributed more to download growth than games. On the iOS App Store, the top categories by absolute growth were Finance, Travel and Photo & Video, while Google Play's were Productivity, Tools and Social. In a broad sense, these categories reflect the different maturity levels of iOS and Google Play. That is to say, Android is especially prevalent among developing markets when compared to iOS. New users in these markets should be expected to download app "essentials" (such as messaging apps in Social and security apps in Tools). iOS, on the other hand, is more highly represented in developed markets, where most users have already downloaded these essentials. Thus, the bulk of their download growth comes instead from more specialized apps in categories like Finance, Travel and Photo & Video.



In 2016, publishers were paid over \$35 billion in revenue across the iOS App Store and Google Play. **This represented a 40% rate of yearly growth, surpassing 2015's rate.** Revenue on the iOS App Store alone grew by nearly 50% in 2016, increasing its lead as the highest revenue-generating platform. As with downloads, the increase in the iOS App Store's revenue was largely driven by China, which contributed nearly half of its annual growth.

Consistent with previous years, games were by far the revenue leaders. In 2016, games generated 75% and 90% of all app store revenue on the iOS App Store and Google Play, respectively. On the iOS App Store, the Role Playing Game subcategory alone generated half of all revenue growth in 2016.

While app store revenue continues to soar, it represents less than half of all revenue in the app economy. When we include third-party Android stores and advertising revenue, the 2016 total amount paid to publishers increases to nearly \$89 billion. You can refer to our 2016 App Monetization Report for a more detailed look.

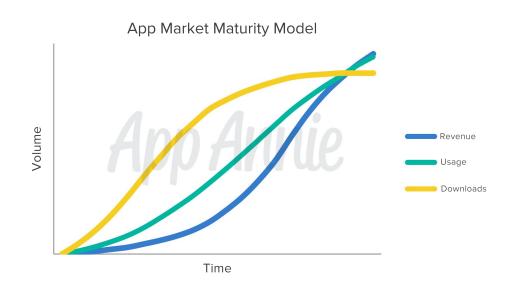


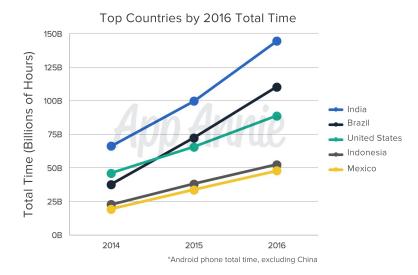
2. Downloads Pave the Way for Revenue

To better understand how the app market develops over time, we created the App Market Maturity Model. This framework explains how the relationship between app downloads, usage and revenue evolves as app markets mature.

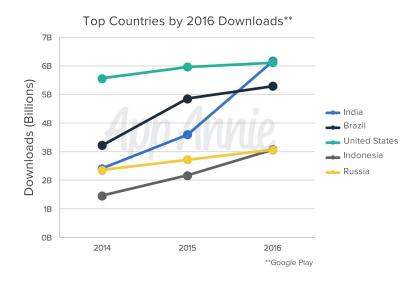
In the early stages of market maturity, downloads grow most rapidly as the installed base of devices begins to take off, and new device owners begin to build up their app collection. Over time, app habits develop as users become more engaged with their go-to apps and overall time spent in apps expands. This increased engagement leads to revenue growth via in-app advertising, in-app purchases, and m-commerce that takes place outside of app stores (e.g., ordering a ride or purchasing an item for delivery).

Mature markets like the US and Japan are shifting from a download growth phase to one characterized by expanding app usage and revenue growth. Meanwhile, emerging markets like India and Indonesia are still experiencing hypergrowth in app downloads. Download growth figures can help publishers decide when and where they should get their foot in the door for an early advantage.

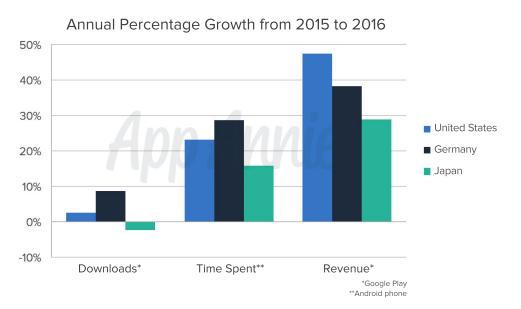




As mentioned in the previous section, total time experienced significant growth in most countries in 2016. This was especially true for emerging markets, which accounted for four of the top five countries by total time spent in 2016. In particular, India and Brazil stood out for their staggering growth in engagement. These increases stemmed from a combination of exploding user bases and increases in time spent per user (the latter of which also occurred in developed markets).



Emerging markets were also key in download growth. Chief among these was India, which grew massively in 2016 to surpass the US as the #1 country by Google Play downloads. India's phenomenal progress over the past two years is even more impressive when considering its potential for further gains. In 2016, India surpassed the US as the second largest smartphone market due in large part to a rise in domestically produced smartphones. This is only the beginning, however, as India's smartphone penetration is still below 30% and its overall economy is poised for massive growth.



2016 made clear that as a market matures, its download growth rate will eventually level off. This happened in the US, Germany and Japan. It is important to note that although download growth has slowed in these markets, each one still generated an extremely large volume of absolute downloads. In other words, the *rate* of new installs has leveled off at high levels in these developed markets.

Meanwhile, usage and monetization saw impressive expansion. Total time spent and revenue continued to increase at considerable rates in all three of these markets. This is good news for both established and up-and-coming apps. Ultimately, this is further proof of the point that we have made in past reports, such as the 2015 Retrospective: Major download growth early on lays the foundation for later revenue and usage gains.

3. China Surges to the #1 Revenue Spot on iOS



Our 2015 Retrospective highlighted that China surpassed the US in iOS App Store downloads. We also noted that China's revenue growth was accelerating, putting it within striking distance of Japan and the US. This came to fruition in 2016 as China claimed the top spot for iOS App Store revenue. With over \$2 billion in publisher revenue, China's Q4 was the biggest quarter for any country in App Store history. This spectacular performance suggests that Apple's major focus on China (not least of which is their \$1 billion investment in Didi Chuxing) is paying off as China's economy continues to grow. As a publisher, if you aren't in the China app market, you may be missing out.



Like in most other markets, the vast majority of App Store revenue in China is generated from Games, especially in the Role Playing subcategory. *Fantasy Westward Journey* is perhaps the most successful example of a role-playing game in China, having earned publisher NetEase over \$800 million in China alone since its release in 2015. However, numerous app categories outside of Games posted significant growth as well. After Games, the Social Networking category showed the largest absolute revenue gains in China, thanks in part to substantial gains made by Tencent's QQ messaging app.

Mobile Is Transforming Industries

4. Video Streaming App Revenue Continues to Climb

In our 2015 Retrospective, we wrote about mobile video streaming just as the battle lines were being drawn. Now, the war between the major video streaming services is in full swing, and revenue has exploded as a result. The top three streaming apps on the iOS App Store in the US, China and UK experienced massive revenue gains in 2016.

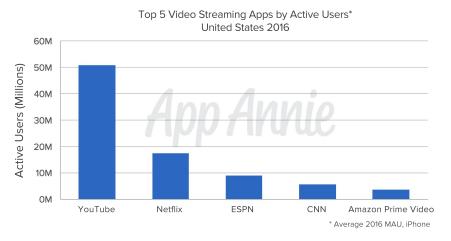
This growth is further proof of consumers' willingness to use in-app purchases to pay for subscription services. Even when presented with the choice of paying for a service outside of the app stores (e.g., with a credit card on a streaming service's website), many users prefer in-app purchases given the convenience.

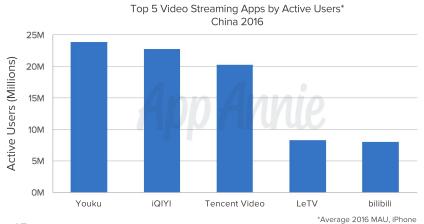
By active users, *YouTube* was by far the leading video streaming app in the US and UK (see here for more on video streaming in the UK and other European countries). In terms of App Store revenue, however, Netflix led the way in both countries thanks to the app's introduction of in-app subscription purchases in late 2015. Sports streaming apps took a few of the top spots in the US and UK. To see why, read our 2016 sports streaming report.

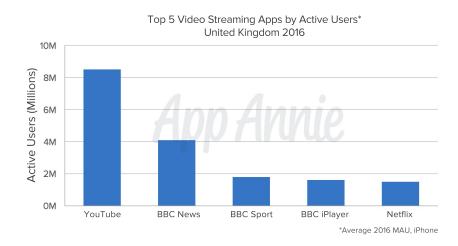
Revenue of Top 3 Video Streaming Apps*



In China, <u>Youku</u> barely edged out <u>iQIYI</u> for the top spot by active users (though <u>iQIYI</u> held the #1 spot in App Store revenue). Although <u>Youku</u> and <u>iQIYI</u> are roughly China's counterparts to <u>YouTube</u> and <u>Netflix</u>, the Chinese video streaming landscape won't necessarily imitate the West in the long run. <u>Live streaming</u> apps like <u>Inke</u>, which continued to gain momentum in 2016, have the potential to shape a unique future of for mobile video streaming in China and the rest of Asia. You can learn more about this in our <u>Asia video streaming report</u>.





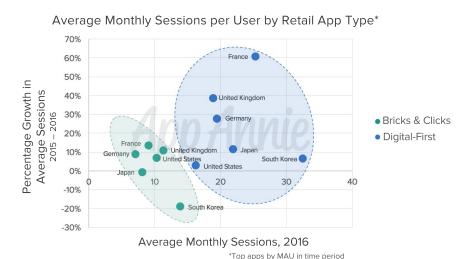


In the US and UK, *YouTube* towered over other top video streaming apps by monthly active users (MAU), while China saw a much more equitable distribution.

5. The Two Paradigms of Mobile Retail

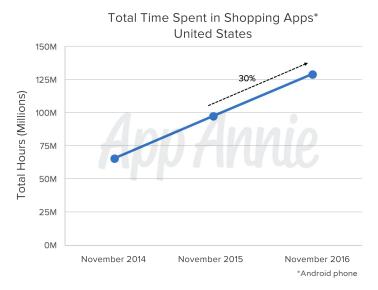
In our 2016 global mobile retail report, we highlighted that mobile retail is exploding around the world. In fact, mobile accounted for 44% of retailers' online traffic and 31% of their sales in 2016. Internet Retailer predicts worldwide mobile retail sales will reach \$220 billion in 2016, a 53% increase versus 2015. We expect these percentages will continue to climb as users become more comfortable with mobile shopping and spend more time in these apps.

Though the mobile retail space is diverse, most mobile retail apps can be classified into one of the following broad categories: bricks-and-clicks and digital-first. The former contains apps made by companies with an extensive brick-and-mortar presence, such as *Walmart* and *Target*, while the latter contains web-centric apps such as *Amazon* and *Wish*.

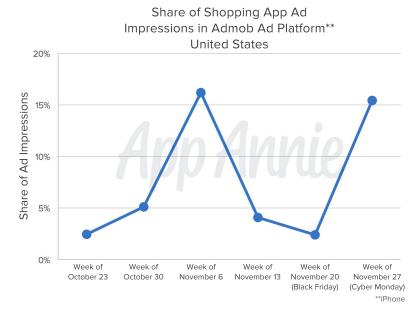


The apps in these two categories followed fairly distinct usage patterns in 2016. Across the six countries we analyzed, monthly sessions per user tended to be higher for the group of top digital-first retail apps than the group of top bricks-and-clicks. Additionally, this metric was also growing faster among the digital-first apps. This lagging engagement of bricks-and-clicks apps could spell trouble for their publishers in the years ahead. These traditional retailers must continue to invest in their app strategies to stay competitive in an increasingly mobile world.

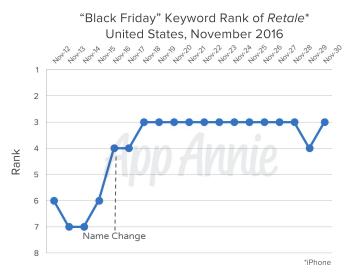
6. Holiday Shopping Goes Mobile



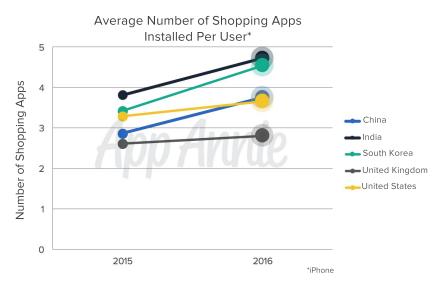
Yet again, the holiday shopping season from Black Friday to Cyber Monday shattered previous revenue records. Chief among these accomplishments is Black Friday 2016's title as the <u>first day to ever generate over \$1 billion of US online mobile sales</u>. Usage of Shopping apps was in line with this new record: In 2016, total US time spent in Shopping apps during November increased more than 30% year over year to approximately 130 million hours*.



While Black Friday revenue continues to climb, retailers' focus is expanding to the surrounding days as they attempt to undercut their competition with both pre-Black Friday and Cyber Monday deals. This is reflected in our *Marketing Intelligence* data, which shows higher marketing activity by shopping apps leading into and following the week of Black Friday.



App store optimization was also vital for retail apps' holiday shopping campaigns (unsurprising, given that 65% of US iOS App Store downloads come from search). Many apps added terms such as "Black Friday" into their names in order to maximize search traffic. *Retale* took this to the extreme on November 15 by changing its name to *Black Friday 2016: Ads, Shopping Deals & Coupons*, removing *Retale* entirely. This seemed to pay off, as the app jumped to the #3 rank for the search term "Black Friday" after a few days.



We expect to see continued growth in mobile shopping spend and engagement. In countries such as China, India and South Korea, the average number of Shopping apps installed on iPhones is steadily increasing. The question remains how much more growth we will see in major shopping events outside of the United States. If China's experience with <u>Singles Day</u> is any indication, this phenomenon could spread throughout the world.

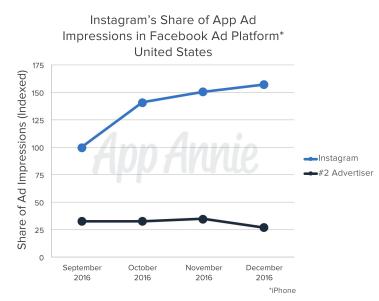
7. Social Apps Open Doors for Marketers

The world's premier social apps have enjoyed massive and engaged user bases for years. However, the question of how to translate this into revenue has often been unclear, and 2016 was a year of fresh attempts.

First among these were a number of marketer-friendly features added to major social apps. *Instagram* launched <u>Instagram</u> Stories in August, as well as a suite of easy-to-use advertising and <u>analytics tools</u>. The graph on the right suggests that <u>Facebook</u> believes strongly in Instagram's monetization potential: From September to December 2016, *Instagram*'s share of iPhone ad impressions on the Facebook ad network increased by over 50%.

Snapchat, the source of inspiration behind Instagram Stories, conducted a major redesign of its Discover feature, further integrating publishers' Discover content into Snapchat Stories. This likely increased discoverability and reach for this content. Pinterest also made efforts to boost monetization via major improvements to post targeting, similar to Facebook's Custom Audiences features.

Also of interest to marketers, video in social apps continued to become more prevalent. Instagram increased its max video length to 60 seconds, Facebook launched Facebook Live and Twitter successfully implemented live video streaming. Video marketing via social apps is now able to reach its potential, and it is up to marketers to take advantage of this.

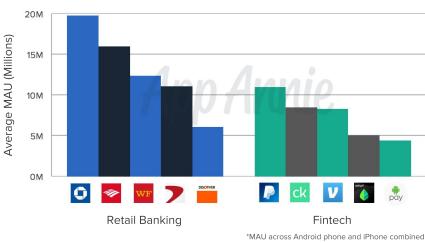


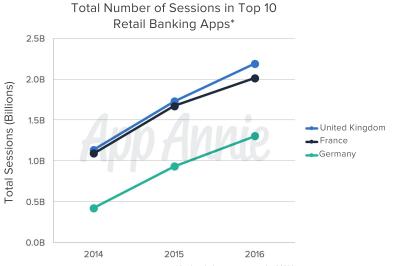
8. Retail Banking: Innovate or Get Left Behind

Similar to shopping, mobile apps are transforming banking as traditional incumbents are forced to adapt to the rise of disruptive web- and app-centric newcomers. Apps such as PayPal, Credit Karma and Venmo threaten to decouple the long-standing full-service retail banking model. This tension was one of the key themes from our 2016 US retail banking report.

Of course, the traditional banks have the potential advantage of a large, existing customer base. In Q4 2016, MAU for the top four US retail banking apps exceeded those of the top fintech apps. This picture is not guaranteed to persist, however. For starters, Venmo's US MAU doubled from December 2015 to December 2016. Additionally, the top fintech apps generally enjoy better user reviews than the top retail banking apps. One response from retail banks is Zelle, a direct challenger to Venmo. The battle between these two apps will likely reflect the struggle between US retail banking and fintech apps in 2017.

Top 5 Retail Banking Apps Versus Top 5 Fintech Apps by Average MAU, United States, Q4 2016*





*Android phone top apps by MAU

As we discussed in our 2016 European retail banking report, mobile retail banking is taking off in Europe. The total number of sessions for the top retail banking apps continued to climb in France, the UK and Germany. As in the US, a large share of this usage was driven by millennials, while the oldest age groups lagged behind in terms of adoption. Generational differences will likely be key to future user acquisition efforts by retail banks. How well can older users' institutional trust of retail banks be translated into app usage?

The increase in total sessions was a combination of growing user bases and an increase in sessions per user. Germany, a market that has been traditionally less willing to adopt digital banking technology, experienced particularly strong growth in sessions per user. As in the US, European retail banks must continue to increase user engagement to fend off the threat from fintech innovators, who were recently given a boost thanks to fintech-friendly legislation in the European Union and UK.

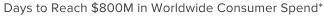
The Changing Mobile Gaming Landscape

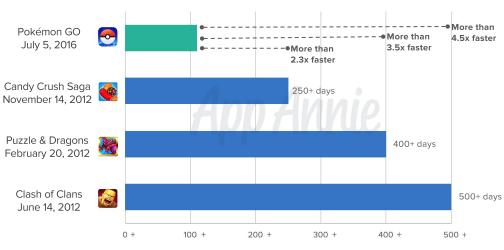
9. Pokémon GO Takes Over the World

Pokémon GO will go down as the most memorable app of 2016. By attracting millions of non-gamers, it reached a level of success that eludes even some of the most successful traditional video games. This was thanks to the game's beloved IP, simple mechanics, real-world augmented reality gameplay, and perhaps most of all, its social nature.

Contrary to publishers' concerns, we have noted that it did not appear to eat into other games' <u>revenue</u> or <u>usage</u>. Since the game attracted more than just traditional mobile gamers and was often played during users' traditionally "non-mobile" time, the game did not seem to prosper at the expense of other games.

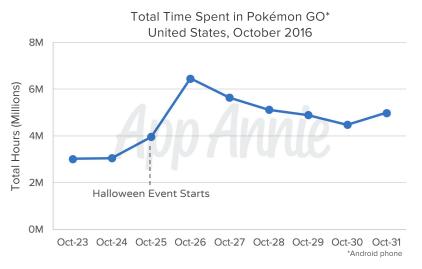
The game rose in a breathtaking fashion, reaching \$800 million in consumer spend in 110 days (by the end of 2016, the game reached over \$950 million in consumer spend). This was far faster than some of the most successful mobile games of all time. To put *Pokémon GO*'s success in a broader perspective, its global consumer spend in 2016 exceeded the total worldwide box office gross of *Batman v Superman: Dawn of Justice*. *Pokémon GO*'s monetization in 2016 demonstrates the viability of novel gameplay ideas in mobile gaming.





Minimum Days Since Launch**

*iOS App Store and Google Play combined
**Based on earliest release date in either store



Pokémon GO's user engagement was as impressive as its revenue. Our Q3 2016 Market Index highlighted that time spent in Pokémon GO was nearly as high as that of the next 19 biggest games combined. Following its initial success, it was able to boost usage by re-engaging users with its special Halloween in-game event. On the event's second day, total time spent was more than twice as high as it was on the day prior to starting. Such huge success for an in-game event proves that the lives of mobile games can (and should) be extended periodically by new content.

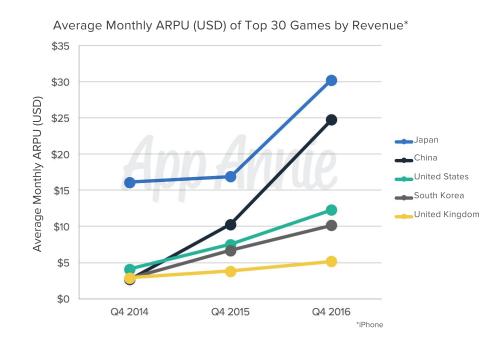
Pokémon GO's success has done more to familiarize consumers with the concept of augmented reality (AR) than perhaps any other piece of software (or hardware, for that matter). Importantly for the app space, this familiarization did not take place in living rooms with special AR devices. Instead, it happened in the real world with mobile phones. If this is any indication, **the future of AR is in mobile apps.** You can read more about the future of AR in our 2017 predictions for the app economy.

10. Monetization of Top Games Soars

Our August report, *Identify the Best Target Markets for Your Mobile Games*, focused on one of mobile gaming's most important metrics: average revenue per user (ARPU). We showed that ARPU has been significantly increasing in some of the world's biggest gaming markets.

Japan was the clear standout among the countries we examined. On average, the top 30 games in Japan monetized over twice as effectively as the top 30 in the US. This was almost entirely driven by Role Playing Games (RPG) subcategory, which accounted for roughly two thirds of Japan's top 30 games by revenue.

While Japan maintained its overall ARPU lead, China stood out in terms of growth, increasing nearly 10x since 2014. As with Japan, RPGs were the driving force in China. However, a deeper look revealed that a specific type of RPG, massively multiplayer online RPGs (MMORPGs), were especially important. NetEase was notable in terms of MMORPG monetization, with two games (*Westward Journey Online* and *Fantasy Westward Journey*) appearing in the top five by ARPU among China's top 30 games by revenue.



Top Apps and Companies

Worldwide by Monthly Active Users

	Top Apps of 2016: Worldwide iPhone Monthly Active Users		Top Apps of 2016: Worldwide Android Phone Monthly Active Users				o Games of 2016 hone Monthly A		Top Games of 2016: Worldwide Android Phone Monthly Active Users			
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	
1	Facebook	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic	
2	Facebook Messenger	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Candy Crush Saga	Activision Blizzard	
3	YouTube	Google	3	Facebook Messenger	Facebook	3	Clash of Clans	Supercell	3	Clash of Clans	Supercell	
4	WhatsApp Messenger	Facebook	4	Instagram	Facebook	4	Clash Royale	Supercell	4	Subway Surfers	Kiloo	
5	Instagram	Facebook	5	Twitter	Twitter	5	Candy Crush Soda Saga	Activision Blizzard	5	Candy Crush Soda Saga	Activision Blizzard	
6	Google Maps	Google	6	Clean Master	Clean Master	6	Color Switch	Fortafy Games	6	Clash Royale	Supercell	
7	Snapchat	Snap	7	Skype	Microsoft	7	Piano Tiles 2	Cheetah Mobile	7	Piano Tiles 2	Cheetah Mobile	
8	Twitter	Twitter	8	MX Player	J2 Interactive	8	Subway Surfers	Kiloo	8	8 Ball Pool	Tencent	
9	Gmail	Google	9	Dropbox	Dropbox	9	Words With Friends	Zynga	9	Candy Crush Jelly Saga	Activision Blizzard	
10	Spotify	Spotify	10	LINE	LINE	10	8 Ball Pool	Tencent	10	My Talking Tom	Outfit7	

Worldwide by Downloads

Top Apps of 2016: Worldwide Combined iOS and Google Play Downloads Top Games of 2016: Worldwide Combined iOS and Google Play Downloads Top Companies of 2016: Worldwide Combined iOS and Google Play Apps Downloads Top Companies of 2016: Worldwide Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook	Facebook	1	Pokémon GO	Niantic	1	Facebook	United States	1	Electronic Arts	United States
2	WhatsApp Messenger	Facebook	2	Piano Tiles 2	Cheetah Mobile	2	Google	United States	2	Tencent	China
3	Facebook Messenger	Facebook	3	Subway Surfers	Kiloo	3	Apple	United States	3	Activision Blizzard	United States
4	Instagram	Facebook	4	slither.io	Lowtech Studios	4	Cheetah Mobile	China	4	Doodle Mobile	China
5	Snapchat	Snap	5	Clash Royale	Supercell	5	Alibaba Group	China	5	Outfit7	Cyprus
6	UC Browser	UCWeb	6	My Talking Tom	Outfit7	6	Tencent	China	6	Vivendi	France
7	imo	imo.im	7	Color Switch	Fortafy Games	7	Microsoft	United States	7	Cheetah Mobile	China
8	Clean Master	Cheetah Mobile	8	Candy Crush Saga	Activision Blizzard	8	Baidu	China			=:
9	SHAREit	SHAREit	9	Clash of Clans	Supercell	9	Sungy Mobile	China	8	Supercell	Finland
10	YouTube	Google			•	10	Snap	United States	9	Niantic	United States
			10	Traffic Rider	Soner Kara				10	Rovio	Finland

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Worldwide by Revenue

Top Apps of 2016: Worldwide Combined iOS and Google Play Revenue Top Games of 2016: Worldwide Combined iOS and Google Play Revenue Top Companies of 2016: Worldwide Combined iOS and Google Play Apps Revenue Top Companies of 2016: Worldwide Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters	
1	Spotify	Spotify	1	Monster Strike	mixi	1	LINE	Japan	1	Tencent	China	
2	LINE	LINE	2	Clash of Clans	Supercell	2	InterActiveCorp (IAC)	United States	2	Supercell	Finland	
3	Netflix	Netflix	3	Pokémon GO	Niantic	3	Spotify	Sweden	3	NetEase	China	
4	Tinder	InterActive Corp (IAC)	4	Game of War - Fire Age	MZ	4	Netflix	United States	4	MZ	United States	
5	HBO NOW	Time Warner	5	Clash Royale	Supercell	5	Tencent	China	5	Activision Blizzard	United States	
6	Pandora Radio	Pandora	6	Mobile Strike	MZ	6	Time Warner	United States	6	mixi	Japan	
7	iQIYI	Baidu	7	Puzzle & Dragons	GungHo Online	7	Pandora	United States	7	Netmarble	South Korea	
8	LINE Manga	LINE			Entertainment	8	Baidu	China	8	BANDAI NAMCO	Japan	
9	Sing! Karaoke	Smule	8	Fantasy Westward Journey	NetEase	9	Smule	United States				
10	Hulu	Hulu	9	Candy Crush Saga	Activision	10	Microsoft	United States	9	Niantic	United States	
				,	Blizzard				10	LINE	Japan	
			10	Fate/Grand Order	Sony							

Australia by Monthly Active Users

	op Apps of 20: hone Monthly		Top Apps of 2016: Australia Android Phone Monthly Active Users				op Games of 201 Phone Monthly A		Top Games of 2016: Australia Android Phone Monthly Active Users			
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	
1	Facebook Messenger	Facebook	1	Facebook	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic	
2	Facebook	Facebook	2	Facebook Messenger	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Candy Crush Saga	Activision Blizzard	
3	Instagram	Facebook	3	WhatsApp Messenger	Facebook	3	Color Switch	Fortafy Games	3	Candy Crush Soda Saga	Activision Blizzard	
4	YouTube	Google	4	Instagram	Facebook	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell	
5	Snapchat	Snap	5	еВау	еВау	5	Candy Crush Soda Saga	Activision Blizzard	5	MobilityWare Solitaire	MobilityWare	
6	WhatsApp Messenger	Facebook	6	Dropbox	Dropbox	6	Words With Friends	Zynga	6	Words With Friends	Zynga	
7	Google Maps	Google	7	CommBank	Commonwealth Bank of Australia	7	Clash Royale	Supercell	7	Clash Royale	Supercell	
8	CommBank	Commonwealth Bank of Australia	8	Snapchat	Snap	8	Monopoly at Macca's	McDonald's	8	Color Switch	Fortafy Games	
9	еВау	еВау	9	Google Photos	Google	9	Subway Surfers	Kiloo	9	Candy Crush Jelly Saga	Activision Blizzard	
10	Spotify	Spotify	10	Skype	Microsoft	10	slither.io	Lowtech Studios	10	Monopoly at Macca's	McDonald's	
32					s. For instance, <i>Fruit Ninj</i> 2016, Pre-installed apps						© App Annie 2017	

Australia by Downloads

Top Apps of 2016: Australia Combined iOS and Google Play Downloads Top Games of 2016: Australia Combined iOS and Google Play Downloads Top Companies of 2016: Australia Combined iOS and Google Play Apps Downloads Top Companies of 2016: Australia Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook Messenger	Facebook	1	Pokémon GO	Niantic	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook	Facebook	2	Color Switch	Fortafy Games	2	Google	United States	2	Activision Blizzard	United States
3	Snapchat	Snap	3	slither.io	Lowtech Studios	3	Apple	United States	3	Ubisoft	France
4	Apple iMovie	Apple	4	Monopoly at Macca's	McDonald's	4	Microsoft	United States	4	Tencent	China
5	iTunes U	Apple	5	Clash Royale	Supercell	5	Snap	United States	5	Ketchapp Studio	France
6	Instagram	Facebook	6	Super Mario Run	Nintendo	6	Uber	United States	6	Zynga	United States
7	Uber	Uber	7	Subway Surfers	Kiloo	7	InterActive Corp (IAC)	United States	7	Niantic	United States
8	Pages	Apple	8	Candy Crush	Activision	8	еВау	United States	8	Supercell	Finland
9	Spotify	Spotify		Jelly Saga	Blizzard	9	Telstra	Australia	9	Fortafy Games	Australia
10	Apple Numbers	Apple	9	Stack	Ubisoft	10	Australian Broadcasting	Australia	10	Rovio	Finland
			10	Candy Crush Saga	Activision Blizzard		Corporation				

Australia by Revenue

Top Apps of 2016: Australia Combined iOS and Google Play Revenue		Top Games of 2016: Australia Combined iOS and Google Play Revenue				Companies of 20 mbined iOS and Apps Reve	Google Play	Top Companies of 2016: Australia Combined iOS and Google Play Games Revenue			
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Tinder	InterActive Corp (IAC)	1	Heart of Vegas	Aristocrat	1	InterActiveCorp (IAC)	United States	1	Aristocrat	Australia
2	Spotify	Spotify	2	Pokémon GO	Niantic	2	Spotify	Sweden	2	Caesars Entertainment	United States
3	Netflix	Netflix	3	Slotomania	Caesars Entertainment	3	Telstra	Australia	3	Supercell	Finland
4	Zoosk	Zoosk	4	Game of War - Fire Age	MZ	4	Netflix	United States	4	Activision Blizzard	United States
5	AFL Live Official App	Telstra	5	Clash of Clans	Supercell	5	Zoosk	United States	5	MZ	United States
6	Sweat with Kayla	Kayla Itsines	6	Mobile Strike	MZ	6	Microsoft	United States	6	Niantic	United States
7	POF Online	InterActive Corp	7	Candy Crush Saga	Activision Blizzard	7	Smule	United States	7	Electronic Arts	United States
	Dating	(IAC)	8	Clash Royale	Supercell	8	Kayla Itsines	Australia	8	Netmarble	South Korea
8	Official NRL App	Telstra		Slots - House of	Caesars	9	Fairfax Media	Australia	9	Zynga	United States
9	Skype	Microsoft	9	Fun	Entertainment	10	News Corp	United States	10	Churchill	United Chates
10	Sing! Karaoke	Smule	10	FaFaFa	IGS				10	Downs	United States

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Brazil by Monthly Active Users

Top Apps of 2016: Brazil iPhone Monthly Active Users

Top Apps of 2016: Brazil Android Phone Monthly Active Users

Top Games of 2016: Brazil iPhone Monthly Active Users Top Games of 2016: Brazil Android Phone Monthly Active Users

Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Candy Crush Saga	Activision Blizzard
3	Facebook Messenger	Facebook	3	Facebook Messenger	Facebook	3	Clash of Clans	Supercell	3	Clash of Clans	Supercell
4	Instagram	Facebook	4	Instagram	Facebook	4	Clash Royale	Supercell	4	Cartola FC Oficial	Grupo Globo
5	YouTube	Google	5	Google Photos	Google	5	Candy Crush Soda Saga	Activision Blizzard	5	Candy Crush Soda Saga	Activision Blizzard
6	Snapchat	Snap	6	Waze	Google	6	Subway Surfers	Kiloo	6	Clash Royale	Supercell
7	Spotify	Spotify	7	Spotify	Spotify	7	slither.io	Lowtech	7	Farm Heroes Saga	Activision Blizzard
8	Waze	Google	8	Netflix	Netflix	8	Piano Tiles 2	Studios Cheetah Mobile	8	Subway Surfers	Kiloo
9	Uber	Uber Technologies	9	Snapchat	Snap	9	Color Switch	Fortafy Games	9	, Piano Tiles 2	Cheetah Mobile
10	Google Maps	Google	10	Dropbox	Dropbox	10	Trivia Crack	Etermax	10	slither.io	Lowtech Studios

Brazil by Downloads

Top Apps of 2016: Brazil Combined iOS and Google Play Downloads

Top Games of 2016: Brazil Combined iOS and Google Play Downloads Top Companies of 2016: Brazil Combined iOS and Google Play Apps Downloads Top Companies of 2016: Brazil Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Facebook	United States	1	Doodle Mobile	China
2	Facebook	Facebook	2	slither.io	Lowtech Studios	2	Google	United States	2	Electronic Arts	United States
3	Facebook Messenger	Facebook	3	Pou	Zakeh	3	Cheetah Mobile	China	3	Niantic	United States
4	Instagram	Facebook	4	Subway Surfers	Kiloo	4	Studio Sol	Brazil	4	Outfit7	Cyprus
5	Palco MP3	Studio Sol	5	Piano Tiles 2	Cheetah Mobile	5	Microsoft	United States	5	Activision Blizzard	United States
6	Snapchat	Snap	6	Traffic Rider	Soner Kara	6	Snap	United States	6	Vivendi	France
7	Antivirus Booster & Cleaner	PSafe	7	My Talking Tom	Outfit7	7	Lyrebird Studio	United States	7	Tencent	China
8	4shared	New IT		My Talking		8	Kika Tech	China	8	Rovio	Finland
•	4snared	Solutions	8	Angela	Outfit7	9	PSafe	Brazil	9	Supercell	Finland
9	Photo Editor Collage Maker	Lyrebird Studio	9	8 Ball Pool	Tencent	10	Baidu	China	10	Lowtech Studios	United States
10	Uber	Uber Technologies	10	Zombie Tsunami	MobiGame						

Brazil by Revenue

Top Apps of 2016: Brazil Combined iOS and Google Play Revenue

Top Games of 2016: Brazil Combined iOS and Google Play Revenue Top Companies of 2016: Brazil Combined iOS and Google Play Apps Revenue Top Companies of 2016: Brazil Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Spotify	Spotify	1	Clash Royale	Supercell	1	Spotify	Sweden	1	Supercell	Finland
2	Netflix	Netflix	2	Clash of Clans	Supercell	2	Netflix	United States	2	Activision Blizzard	United States
3	PlayKids	Naspers	3	Pokémon GO	Niantic	3	InterActiveCorp (IAC)	United States	3	Niantic	United States
4	Tinder	InterActiveCorp (IAC)	4	Candy Crush Saga	Activision Blizzard	4	Naspers	South Africa	4	Elex Technology	China
5	Deezer	Deezer	5	Clash of Kings	Elex Technology	5	Smule	United States	5	Electronic Arts	United States
6	Sing! Karaoke	Smule	6	Game of War - Fire Age	MZ	6	Deezer	France	6	MZ	United States
7	happn	Наррп	7	Summoners War	GAMEVIL	7	Happn	France	7	GAMEVIL	South Korea
8	Badoo	Badoo	8	Marvel Contest of	Kabam	8	Microsoft	United States	8	Netmarble	South Korea
9	Whitebook	PEBmed		Champions		9	Badoo	United Kingdom	9	Kabam	United States
10	Facetune	Lightricks	9	Candy Crush Soda Saga	Activision Blizzard	10	PEBmed	Brazil		Nabam	
									10	Tencent	China
			10	Hearthstone: Heroes of Warcraft	Activision Blizzard						

China by Monthly Active Users

Top Apps of 2016: China iPhone Monthly Active Users

Top Games of 2016: China iPhone Monthly Active Users

Rank	Арр	Company	Rank	Арр	Company
1	WeChat	Tencent	1	Anipop	Happy Elements
2	QQ	Tencent	2	Landlord Poker	Tencent
3	Taobao	Alibaba Group	3	Honour of Kings	Tencent
4	Alipay	Alibaba Small & Micro Financial Services	4	Craz3 Match	Tencent
5	Sina Weibo	Sina	5	Clash of Clans	Supercell
6	Baidu Map	Baidu	6	Clash Royale	Supercell
7	Meituan	Meituan Dianping	7	Jelly Blast	MicroFunPlus
8	Didi Chuxing	XiaoJu	8	Snake Battle	Weipai
9	QQ Music	Tencent	9	Township	Playrix
10	Dianping	Meituan Dianping	10	Carrot Fantasy 3	Tencent

China by Downloads

Top Apps of 2016: China iOS Downloads Top Games of 2016: China iOS Downloads Top Companies of 2016: China iOS Apps Downloads Top Companies of 2016: China iOS Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	QQ	Tencent	1	Hero Moba	Tencent	1	Tencent	China	1	Tencent	China
2	iQIYI	Baidu	2	Snake Battle	Weipai	2	Baidu	China	2	NetEase	China
3	Taobao	Alibaba Group	3	Battle of Balls	Giant Interactive Group	3	Alibaba Group	China	3	Electronic Arts	United States
4	WeChat	Tencent	4	Anipop	Happy Elements	4	Apple	United States	4	Giant Interactive Group	China
5	Youku	Alibaba Group	5	Landlord Poker	Tencent	5	Meitu	China	_	Нарру	
6	Alipay	Alibaba Small & Micro Financial Services	6	CrossFire	Tencent	6	Meituan Dianping	China	5 6	Elements	China China
7	Tencent Video	Tencent	7	Piano Tiles 2	Cheetah Mobile	7	NetEase	China	7	Vivendi	France
,	Tericent video	rencent	•	ridilo riies 2	Chectan Woolie	8	BabyBus	China	,	vivendi	France
8	Meituan	Meituan Dianping	8	Jelly Blast	MicroFunPlus	•	B' .	China	8	Outfit7	Cyprus
9	iTunes U	Apple	9	Clash Royale	Supercell	9	Ping An	China	9	Supercell	Finland
10	WiFi Master Key	Shanghai Lantern Network	10	Carrot Fantasy 3	Tencent	10	China Mobile Communications	China	10	Cheetah Mobile	China

China by Revenue

Top Apps of 2016: China iOS Revenue

40

Top Games of 2016: China iOS Revenue Top Companies of 2016: China iOS Apps Revenue Top Companies of 2016: China iOS Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	iQIYI	Baidu	1	Fantasy Westward Journey	NetEase	1	Tencent	China	1	Tencent	China
2	Inke	MeeLive	2	Hero Moba	Tencent	2	Baidu	China	2	NetEase	China
3	Tencent Video	Tencent	3	Westward Journey Online	NetEase	3	MeeLive	China	3	Perfect World	China
4	QQ	Tencent	4	Onmyoji	NetEase	4	Momo Technology	China	4	Snail Games	China
5	Momo	Momo Technology	5	Ghost	NetEase	5	Alibaba Group	China	5	Supercell	Finland
6	Kwai	OneSmile	6	Naruto Mobile	Tencent	6	OneSmile	China	6	G-bits	China
7	Youku	Alibaba Group	7	JX online	Tencent	7	YY Inc	China	7	iDreamSky	China
8	QQ Reader	Tencent	8	AskTao	G-bits	8	Mijinghefeng	China	8	LineKong	China
9	iQiyi PPS	Baidu	9	CrossFire	Tencent	9	Ximalaya	China	9	Happy Elements	China
10	Baidu Cloud	Baidu	10	Zhengtu	Tencent	10	ZHANGYUE	China	10	37games	China

France by Monthly Active Users

	Top Apps of 20 hone Monthly			Apps of 2016: F none Monthly A		Тор	Games of 2016: F Monthly Active			p Games of 201 roid Phone Mor Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	Facebook Messenger	Facebook	1	Facebook	Facebook	1	Pokémon GO	Niantic	1	Candy Crush Saga	Activision Blizzard
2	Facebook	Facebook	2	Facebook Messenger	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Pokémon GO	Niantic
3	WhatsApp Messenger	Facebook	3	WhatsApp Messenger	Facebook	3	Clash Royale	Supercell	3	Candy Crush Soda Saga	Activision Blizzard
4	YouTube	Google	4	Waze	Google	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Snapchat	Snap	5	Snapchat	Snap	5	Candy Crush Soda Saga	Activision Blizzard	5	Clash Royale	Supercell
6	Instagram	Facebook	6	Instagram	Facebook	6	Piano Tiles 2	Cheetah Mobile	6	Candy Crush Jelly Saga	Activision Blizzard
7	Waze	Google	7	Skype	Microsoft	7	Subway Surfers	Kiloo	7	Piano Tiles 2	Cheetah Mobile
8	Google Maps	Google	8	Google Photos	Google	8	Candy Crush Jelly Saga	Activision Blizzard	8	Farm Heroes Saga	Activision Blizzard
9	Shazam	Shazam Entertainment	9	Dropbox	Dropbox	9	2048	Ubisoft	9	Boom Beach	Supercell
10	Twitter	Twitter	10	Shazam	Shazam Entertainment	10	Color Switch	Fortafy Games	10	Subway Surfers	Kiloo

France by Downloads

Top Apps of 2016: France Combined iOS and Google Play Downloads

Top Games of 2016: France Combined iOS and Google Play Downloads Top Companies of 2016: France Combined iOS and Google Play Apps Downloads Top Companies of 2016: France Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook Messenger	Facebook	1	Clash Royale	Supercell	1	Facebook	United States	1	Electronic Arts	United States
2	Snapchat	Snap	2	Pokémon GO	Niantic	2	Google	United States	2	Activision Blizzard	United States
3	Facebook	Facebook	3	Piano Tiles 2	Cheetah Mobile	3	Microsoft	United States	3	Supercell	Finland
4	WhatsApp	Facebook	4	slither.io	Lowtech Studios	4	Snap	United States	4	Ketchapp Studio	France
	Messenger		5	Candy Crush Jelly Saga	Activision Blizzard	5	Apple	United States	5	Tencent	China
5	Instagram	Facebook				6	Orange SA	France		rencent	Cilila
6	Skype	Microsoft	6	Subway Surfers	Kiloo	7	InterActiveCorp (IAC)	United States	6	Ubisoft	France
7	Waze	Google	7	Color Switch	Fortafy Games	8	Twitter	United States	7	Cheetah Mobile	China
8	Deezer	Deezer	8	Candy Crush Saga	Activision Blizzard	9	SFR	France	8	Vivendi	France
9	Bitmoji	Snap	9	Clash of Clans	Supercell	10	Cheetah Mobile	China	9	Outfit7	Cyprus
10	Leboncoin	Schibsted	10	Traffic Rider	Soner Kara				10	Doodle Mobile	China

France by Revenue

Top Apps of 2016: France Combined iOS and Google Play Revenue

Top Games of 2016: France Combined iOS and Google Play Revenue Top Companies of 2016: France Combined iOS and Google Play Apps Revenue Top Companies of 2016: France Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	AdoptAGuy	GEB AdoptAGuy	1	Clash Royale	Supercell	1	GEB AdoptAGuy	France	1	Supercell	Finland
2	Deezer	Deezer	2	Clash of Clans	Supercell	2	Deezer	France	2	Activision Blizzard	United States
3	Badoo	Badoo	3	Pokémon GO	Niantic		InterActiveCorp		3	Electronic Arts	United States
4	Netflix	Netflix	4	Candy Crush Saga	Activision Blizzard	3	(IAC)	United States	4	GAMEVIL	South Korea
5	Tinder	InterActiveCorp (IAC)	5	Summoners War	GAMEVIL	4	Badoo	United Kingdom	5	Niantic	United States
6	Spotify	Spotify	6	Candy Crush Soda Saga	Activision Blizzard	5 6	Netflix Spotify	United States Sweden	6	MZ	United States
7	Meetic	InterActiveCorp (IAC)	7	Boom Beach	Supercell	7	LOVOO	Germany	7	IGG	China
8	LOVOO	LOVOO	8	Game of War - Fire Age	MZ	8	Coyote System	France	8	BANDAI NAMCO	Japan
9	iCoyote	Coyote System	9	Dragon Ball Z Dokkan Battle	BANDAI NAMCO	9	Babbel	Germany	9	Elex Technology	China
10	Sing! Karaoke	Smule	10	Marvel Contest of Champions	Kabam	10	Smule	United States	10	Kabam	United States

Germany by Monthly Active Users

	op Apps of 201 hone Monthly			op Apps of 201 droid Phone M Users	onthly Active		p Games of 2016 hone Monthly Ad			Games of 201 Iroid Phone Mo Users	•
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook	Facebook	2	Facebook	Facebook	2	QuizClash	FEO Media	2	Candy Crush Saga	Activision Blizzard
3	Facebook Messenger	Facebook	3	Facebook Messenger	Facebook	3	Candy Crush Saga	Activision Blizzard	3	QuizClash	FEO Media
4	YouTube	Google	4	еВау	еВау	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Instagram	Facebook	5	Dropbox	Dropbox	5	Clash Royale	Supercell	5	Candy Crush Soda Saga	Activision Blizzard
6	Amazon	Amazon	6	Instagram	Facebook	6	Piano Tiles 2	Cheetah Mobile	6	QuizClash	FEO Media
7	Google Maps	Google	7	wetter.com	Wetter.com	7	Candy Crush	Activision	7	Clash Royale	Supercell
8	Snapchat	Snap	8	eBay Kleinanzeigen	еВау	•	Soda Saga	Blizzard	8	4 Pics 1 Word	LOTUM
9	eBay	eBay	9	Amazon	Amazon	8	Subway Surfers	Kiloo	9	Piano Tiles 2	Cheetah Mobile
10	eBay	eBay	10			9	4 Pics 1 Word	LOTUM	10	Farm Heroes Saga	Activision Blizzard
10	Kleinanzeigen	евау	10	Google Photos	Google	10	Super Mario Run	Nintendo			

Germany by Downloads

Top Apps of 2016: Germany Combined iOS and Google Play Downloads Top Games of 2016: Germany Combined iOS and Google Play Downloads Top Companies of 2016: Germany Combined iOS and Google Play Apps Downloads Top Companies of 2016: Germany Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Clash Royale	Supercell	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook Messenger	Facebook	2	Pokémon GO	Niantic	2	Google	United States	2	Activision Blizzard	United States
2	J	Footool	3	Piano Tiles 2	Cheetah Mobile	3	Apple	United States	3	Supercell	Finland
3	Facebook	Facebook	4	slither.io	Lowtech Studios	4	Microsoft	United States	4	Tencent	China
4	Snapchat	Snap	5	Color Switch	Fortafy Games	5	Amazon	United States	5	Chartel Makila	China
5	Instagram	Facebook	6	Subway Surfers	Kiloo	6	еВау	United States	5	Cheetah Mobile	China
6	Amazon	Amazon	7	Candy Crush		7	Snap	United States	6	Ubisoft	France
7	eBay Kleinanzeigen	еВау	,	Jelly Saga	Activision Blizzard	8	Cheetah Mobile	China	7	Vivendi	France
8	Skype	Microsoft	8	Rolling Sky	Cheetah Mobile	9	InterActiveCorp (IAC)	United States	8	Rovio	Finland
9	Spotify	Spotify	9	Clash of Clans	Supercell	10	ProSiebenSat.1	Germany	9	LEGO	Denmark
10	Shpock	Finderly	10	4 Pics 1 Word	LOTUM		Media	, , , , , , , , , , , , , , , , , , , ,	10	Ketchapp Studio	France

Germany by Revenue

Top Apps of 2016: Germany Combined iOS and Google Play Revenue Top Games of 2016: Germany Combined iOS and Google Play Revenue Top Companies of 2016: Germany Combined iOS and Google Play Apps Revenue Top Companies of 2016: Germany Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	LOVOO	LOVOO	1	Clash of Clans	Supercell	1	LOVOO	Germany	1	Supercell	Finland
2	Spotify	Spotify	2	Clash Royale	Supercell	2	InterActiveCorp (IAC)	United States	2	Activision Blizzard	United States
3	Tinder	InterActiveCorp (IAC)	3	Pokémon GO	Niantic	3	Spotify	Sweden	3	MZ	United States
4	BILD	Axel Springer	4	Summoners War	GAMEVIL	4	Babbel	Germany	4	Electronic Arts	United States
5	Netflix	Netflix	5	Game of War - Fire Age	MZ	5	Axel Springer	Germany	5	Niantic	United States
6	Babbel	Babbel	6	Hay Day	Supercell	6	Garmin	United States	6	Elex Technology	China
7	Freeletics	Freeletics	7	Mobile Strike	MZ	7	Freeletics	Germany			
8	Deezer	Deezer	8	Candy Crush Saga	Activision Blizzard	8	Netflix	United States	7	GAMEVIL	South Korea
9	WeatherPro	General Atlantic			Elex	9	Adidas	Germany	8	IGG	China
10	DP: I	ere c	9	Clash of Kings	Technology	10	Deezer	France	9	Playrix	Russia
10	Blitzer.de	Eifrig	10	Candy Crush Soda Saga	Activision Blizzard				10	Plarium	Israel

Hong Kong by Monthly Active Users

Top Apps of 2016: Hong Kong iPhone Monthly Active Users

Top Apps of 2016: Hong Kong Android Phone Monthly Active Users

Top Games of 2016: Hong Kong iPhone Monthly Active Users Top Games of 2016: Hong Kong Android Phone Monthly Active Users

© App Annie 2017

		03613									
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Candy Crush Saga	Activision Blizzard
2	Facebook	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Pokémon GO	Niantic
3	Facebook Messenger	Facebook	3	WeChat	Tencent	3	Candy Crush Soda Saga	Activision Blizzard	3	Candy Crush Soda Saga	Activision Blizzard
4	YouTube	Google	4	Facebook Messenger	Facebook	4	Disney Tsum Tsum	LINE	4	Disney Tsum Tsum	LINE
5	WeChat	Tencent	5	MyObservatory	Hong Kong Observatory	5	Clash Royale	Supercell	5	Hong Kong Mahjong Club	Recax
6	Instagram	Facebook	6	KMB & LW	КМВ	6	Criminal Case	Pretty Simple	6	Criminal Case	Pretty Simple
7	MyObservatory	Hong Kong Observatory	7	Apple Daily	Next Media Limited	7	Super Mario Run	Nintendo	7	Farm Heroes Saga	Activision Blizzard
8	Google Maps	Google	8	OpenRice	Openrice	8	Piano Tiles 2	Cheetah Mobile	8	Candy Crush Jelly Saga	Activision Blizzard
9	LINE	LINE	9	LINE	LINE	9	Clash of Clans	Supercell		Jeny Jugu	
10	OpenRice	Openrice	10	Instagram	Facebook	10	Candy Crush Jelly Saga	Activision Blizzard	9	Boyaa Dou Di Zhu	Boyaa
		Harris Arthur de Land	1:66		E. C. C. C. C. C. C. C. C.		r.:	kad saparataly Worldwig	10	Piano Tiles 2	Cheetah Mobile

Usage tables do not aggregate different versions of apps. For instance, Fruit Ninja and Fruit Ninja Free would be ranked separately. Worldwide excludes China. Apps are ranked by average monthly active users across 2016. Pre-installed apps (such as YouTube on Android phone and Safari on iPhone) are excluded. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Hong Kong by Downloads

Top Apps of 2016: Hong Kong Combined iOS and Google Play Downloads Top Games of 2016: Hong Kong Combined iOS and Google Play Downloads Top Companies of 2016: Hong Kong Combined iOS and Google Play Apps Downloads Top Companies of 2016: Hong Kong Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Google	United States	1	Niantic	United States
2	WeChat	Tencent	2	Clash Royale	Supercell	2	Facebook	United States	2	Activision Blizzard	United States
3	Facebook	Facebook	3	Super Mario Run	Nintendo	3	Apple	United States	3	Electronic Arts	United States
4	myTV SUPER	TVB	4	Criminal Case	Pretty Simple	4	Tencent	China	4	Supercell	Finland
5	Facebook	Facebook	5	Piano Tiles 2	Cheetah Mobile	5	Alibaba Group	China	5	Cheetah Mobile	China
	Messenger		6	slither.io	Lowtech Studios	6	PCCW	Hong Kong			
6	Viu	PCCW				7	TVB	Hong Kong	6	Tencent	China
7	JOOX Music	Tencent	7	Game of Dice	Joycity	8	Baidu	China	7	Netmarble	South Korea
8	Apple iMovie	Apple	8	Candy Crush Saga	Activision Blizzard	9	Microsoft	United States	8	Vivendi	France
9	KMB & LW	KMB	9	Candy Crush Jelly Saga	Activision Blizzard	10	Cheetah Mobile	China	9	LINE	Japan
10	iTunes U	Apple	10	BBTAN	111%		Mobile		10	BabyBus	China

Hong Kong by Revenue

Top Apps of 2016: Hong Kong Combined iOS and Google Play Revenue Top Games of 2016: Hong Kong Combined iOS and Google Play Revenue Top Companies of 2016: Hong Kong Combined iOS and Google Play Apps Revenue Top Companies of 2016: Hong Kong Combined iOS and Google Play Games Revenue

	neven	ue		nevenue			Apps neve	nue		Gaines nev	Citae
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	JOOX Music	Tencent	1	Pokémon GO	Niantic	1	Tencent	China	1	Netmarble	South Korea
2	LINE	LINE	2	Clash of Kings	Elex Technology	2	LINE	Japan	2	Elex Technology	China
3	кквох	KDDI	3	Game of Dice	Joycity	3	MagazineCloner	United Kingdom	3	IWPLAY	Taiwan
4	Netflix	Netflix	4	Clash Royale	Supercell	4	KDDI	Japan	4	Supercell	Finland
5	LINE PLAY	LINE	5	BARCODE FOOTBALLER	Cybird	5	Netflix	United States	5	GAMEVIL	South Korea
6	Spotify	Spotify	6	Summoners War	GAMEVIL	6	Sunfun	Taiwan	6	Niantic	United States
7	MOOV SweetRing	PCCW Sunfun	7	Last Empire-War Z	Long Tech Network	7	InterActiveCorp (IAC)	United States	7	EFUN	China
9	Momo	Momo	8	Tower of Saviors	Mad Head	8	Spotify	Sweden	8	GAME Dreamer	China
10	Jodo Wallet	Technology Jodo Game	9	Monster Strike	mixi	9	PCCW	Hong Kong	9	Activision Blizzard	United States
	saa .vuiict	Jour Carrie	10	Age of Three Kingdoms	Shanghai Ace	10	Linghit	China	10	Next Media Limited	Hong Kong

India by Monthly Active Users

Top Games of 2016: India Android Top Apps of 2016: India Android Top Apps of 2016: India Top Games of 2016: India iPhone Phone Monthly Active Users Phone Monthly Active Users iPhone Monthly Active Users Monthly Active Users Rank App Rank Rank Company App Company Rank App Company App Company WhatsApp WhatsApp Candy Crush Activision Candy Crush Facebook Facebook Activision Blizzard Messenger Messenger Saga Blizzard Saga 2 Facebook Facebook Facebook Clash of Clans 2 Supercell Facebook 2 Clash of Clans Supercell 3 Truecaller Truecaller 3 Subway Surfers Kiloo 3 Google Maps Google 3 Subway Surfers Kiloo Facebook Facebook 4 Doodle Army 2 Facebook Facebook 8 Ball Pool Tencent **Appsomniacs** Messenger Messenger : Mini Militia YouTube 5 5 SHARFit SHARFit Temple Run 2 Imangi 5 5 Temple Run 2 Google Imangi Doodle Army 2: Pokémon GO 6 Niantic 6 **Flipkart** Flipkart 6 6 Ola cabs **ANI Technologies Appsomniacs** Mini Militia Candy Crush 7 MX Plaver BookMyShow Bigtree 12 Interactive Activision Blizzard Candy Crush Activision Soda Saga Entertainment Soda Saga Blizzard 8 Amazon Amazon 8 Ball Pool Tencent 8 Amazon Amazon 8 Pokémon GO Niantic 9 Pavtm One97 World Cricket Nextwave 9 Instagram Facebook 9 Color Switch Fortafy Games 9 Championship Multimedia 10 **UC Browser** Alibaba Group 10 Truecaller Truecaller 10 Clash Royale Supercell My Talking 10 Outfit7 .Tom Usage tables do not aggregate different versions of apps. For instance, Fruit Ninja and Fruit Ninja Free would be ranked separately. Worldwide excludes China. © App Annie 2017

Apps are ranked by average monthly active users across 2016. Pre-installed apps (such as YouTube on Android phone and Safari on iPhone) are excluded. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

India by Downloads

Top Apps of 2016: India Combined iOS and Google Play Downloads

Top Games of 2016: India Combined iOS and Google Play Downloads Top Companies of 2016: India Combined iOS and Google Play Apps Downloads Top Companies of 2016: India Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook	Facebook	1	Candy Crush Saga	Activision Blizzard	1	Facebook	United States	1	Doodle Mobile	China
2	WhatsApp Messenger	Facebook	2	Subway Surfers	Kiloo	2	Reliance Industries	India	2	Activision Blizzard	United States
3	UC Browser	Alibaba Group	3	Temple Run 2	lmangi	3	Google	United States	3	Vivendi	France
4	Facebook Messenger	Facebook	4	My Talking Tom	Outfit7	4	Alibaba Group	China	4	Outfit7	Cyprus
5	SHAREit	SHAREit	5	Clash of Clans	Supercell	5	SHAREit	China	5	lmangi	United States
6	imo	imo.im	6	Doodle Army 2 : Mini Militia	Appsomniacs	6	Cheetah Mobile	China	6	Electronic Arts	United States
7	hotstar	21st Century Fox	7	Hill Climb Racing	Fingersoft	7	Times Group	India	7	Vasco Games	Netherlands
8	МуЈіо	Reliance Industries	8	Traffic Rider	S K	8	Flipkart	India	8	Rovio	Finland
9	MX Player	J2 Interactive	0	Traffic Rider	Soner Kara	9	J2 Interactive	South Korea	9	Kiloo	Denmark
10	Truecaller	Truecaller	9	Asphalt 8: Airborne	Vivendi	10	imo.im	United States	10	Supercell	Finland

India by Revenue

Top Apps of 2016: India Combined iOS and Google Play Revenue

Top Games of 2016: India Combined iOS and Google Play Revenue Top Companies of 2016: India Combined iOS and Google Play Apps Revenue Top Companies of 2016: India Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Netflix	Netflix	1	Clash of Clans	Supercell	1	InterActiveCorp (IAC)	United States	1	Supercell	Finland
2	Tinder	InterActiveCorp (IAC)	2	Clash of Kings	Elex Technology	2	Netflix	United States	2	Activision Blizzard	United States
3	LinkedIn	Microsoft	3	Candy Crush Saga	Activision Blizzard	3	Magzter	United States	3	Elex Technology	China
4	Gaana	Times Group	4	Teen Patti	Octro	4	Times Group	India	4	Octro	India
5	Sing! Karaoke	Smule	5	Clash Royale	Supercell	5	Linkedin	United States	5	Zynga	United States
6	Saavn	Saavn	6	Ultimate Teen Patti	Play Games24x7	6	Smule	United States	6	MZ	United States
7	Magzter	Magzter	7	Zynga Poker	Zynga	7	Saavn	United States	7	Play Games24x7	India
8	Fingerprint Login	DoubleVision	8	Teen Patti Gold	Moonfrog	8	Microsoft	United States	8	Moonfrog	India
9	Azar	Hyperconnect	9	8 Ball Pool	Tencent	9	MagazineCloner	United Kingdom	9	Electronic Arts	United States
10	Skype	Microsoft	10	Marvel Contest of Champions	Kabam	10	Together Networks	Malta	10	Tencent	China

Indonesia by Monthly Active Users

	pp Apps of 201 hone Monthly A			p Apps of 2010 Iroid Phone Mo Users	onthly Active		p Games of 2016 hone Monthly Ad		•	Games of 2016 roid Phone Mor Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Clash of Clans	Supercell
2	Instagram	Facebook	2	ВВМ	BlackBerry	2	Clash Royale	Supercell	2	Clash Royale	Supercell
3	LINE	LINE	3	LINE	LINE	3	Clash of Clans	Supercell	3	Pokémon GO	Niantic
4	YouTube	Google	4	Instagram	Facebook	4	Piano Tiles 2	Cheetah Mobile	4	Piano Tiles 2	Cheetah Mobile
5	ВВМ	BlackBerry	5	Facebook	Facebook	5	Candy Crush Saga	Activision Blizzard	5	Everybody's Marble	LINE
6	Facebook	Facebook	6	Facebook Messenger	Facebook	6	slither.io	Lowtech Studios	6	Subway Surfers	Kiloo
7	Path	Path	7	UC Browser	Alibaba Group	7	Super Mario Run	Nintendo	7	Candy Crush Saga	Activision Blizzard
8	Google Maps	Google	8	GO-JEK	GO-JEK	8	QuizClash	FEO Media	8	Tahu Bulat	Own Games
9	Facebook Messenger	Facebook	9	Clean Master	Cheetah Mobile	9	8 Ball Pool	Tencent	9	Pou	Zakeh
10	GO-JEK	GO-JEK	10	Path	Path	10	Everybody's Marble	LINE	10	Minecraft Pocket Edition	Microsoft

Indonesia by Downloads

Top Apps of 2016: Indonesia Combined iOS and Google Play Downloads Top Games of 2016: Indonesia Combined iOS and Google Play Downloads Top Companies of 2016: Indonesia Combined iOS and Google Play Apps Downloads Top Companies of 2016: Indonesia Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook	Facebook	1	Clash of Clans	Supercell	1	Facebook	United States	1	Doodle Mobile	China
2	ввм	BlackBerry	2	Piano Tiles 2	Cheetah Mobile	2	Google	United States	2	Supercell	Finland
3	UC Browser	Alibaba Group	3	Subway Surfers	Kiloo	3	Alibaba Group	China	3	Electronic Arts	United States
4	WhatsApp Messenger	Facebook	4	Clash Royale	Supercell	4	LINE	Japan	4	Vivendi	France
5	Facebook Messenger	Facebook	5	Tebak Gambar	Tebak Gambar	5	Cheetah Mobile	China	5	Outfit7	Cyprus
6	LINE	LINE	6	slither.io	Lowtech Studios	6	BlackBerry	Canada	6	Mobirix	South Korea
7	Instagram	Facebook	7	Pou	Zakeh	7	Sungy Mobile	China	7	Cheetah Mobile	China
8	SHAREit	SHAREit	8	Pokémon GO	Niantic	8	SHAREit	China	8	Activision	United States
	360 Mobile			My Talking		9	Tencent	China		Blizzard	
9	Security	Qihoo 360	9	Tom	Outfit7	10	Qihoo 360	China	9	LINE	Japan
10	Sing! Karaoke	Smule	10	Plants vs. Zombies	Electronic Arts				10	Tencent	China

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Indonesia by Revenue

	op Apps of 201 mbined iOS and Revent	d Google Play		p Games of 2016: In mbined iOS and Go Revenue		•	Companies of 20 mbined iOS and Apps Reve	Google Play	•	Companies of 2 mbined iOS an Games Re	J ,
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Sing! Karaoke	Smule	1	Clash of Clans	Supercell	1	Smule	United States	1	Supercell	Finland
2	BIGO LIVE	BIGO	2	Clash Royale	Supercell	2	BIGO	China	2	Netmarble	South Korea
3	LINE	LINE	3	Everybody's Marble	Netmarble	3	LINE	Japan	3	Elex Technology	China
4	JOOX Music	Tencent	4	Clash of Kings	Elex Technology	4	InterActiveCorp (IAC)	United States	4	LINE	Japan
5	Netflix	Netflix	5	Pokémon GO	Niantic	5	Tencent	China	5	Activision Blizzard	United States
6	Nonolive	Shi Xun	6	Seven Knights	Netmarble	6	MagazineCloner	United Kingdom	6	Niantic	United States
7	Hotspot Shield VPN	AnchorFree	7	Crisis Action	CMGE			·	7	Hero games	China
8	ввм	BlackBerry	8	Last Empire-War Z	Long Tech	7	Netflix	United States	•	riero games	Cimia
0	DDIVI	ыаскрепу	0	Last Empire-war Z	Network	8	Apps Foundry	United States	8	MZ	United States
9	SCOOP	Apps Foundry		Game of War - Fire							

Supercell

10

Shi Xun

AnchorFree

China

United States

Game of War - Fire

Age

Hay Day

9

10

South Korea

China

GAMEVIL

IGG

10

10

LINE PLAY

LINE

Italy by Monthly Active Users

Top Apps of 2016: Italy iPhone Monthly Active Users	Top Apps of 2016: Italy Android Phone Monthly Active Users
---	---

Top Games of 2016: Italy iPhone Monthly Active Users Top Games of 2016: Italy Android Phone Monthly Active Users

Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Candy Crush Saga	Activision Blizzard
2	Facebook	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Pokémon GO	Niantic
3	Facebook Messenger	Facebook	3	Facebook Messenger	Facebook	3	Clash Royale	Supercell	3	Clash Royale	Supercell
4	YouTube	Google	4	Instagram	Facebook	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Instagram	Facebook	5	Area Clienti 3	Hutchison Whampoa	5	Piano Tiles 2	Cheetah Mobile	5	Candy Crush Soda Saga	Activision Blizzard
6	Google Maps	Google	6	Weather by iLMeteo	ILMETEO	6	Ruzzle	MAG Interactive	6	Piano Tiles 2	Cheetah Mobile
7	Shazam	Shazam Entertainment	7	Dropbox	Dropbox	7	Candy Crush Soda Saga	Activision Blizzard	7	Farm Heroes Saga	Activision Blizzard
8	Snapchat	Snap	8	Shazam	Shazam Entertainment	8	Subway Surfers	Kiloo	8	slither.io	Lowtech Studios
9	Amazon	Amazon	9	Coogle Photo-		9	BBTAN	111%	9	Subway Surfers	Kiloo
10	TripAdvisor	TripAdvisor		Google Photos	Google	10	Color Switch	Fortafy Games	10	Ruzzle	MAG Interactive
			10	Skype	Microsoft						

Italy by Downloads

Top Apps of 2016: Italy Combined iOS and Google Play Downloads

57

Top Games of 2016: Italy Combined iOS and Google Play Downloads Top Companies of 2016: Italy Combined iOS and Google Play Apps Downloads Top Companies of 2016: Italy Combined iOS and Google Play Games Downloads

© App Annie 2017

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Clash Royale	Supercell	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook Messenger	Facebook	2	Pokémon GO	Niantic	2	Google	United States	2	Activision Blizzard	United States
3	5	Football	3	slither.io	Lowtech Studios	3	Microsoft	United States	3	Supercell	Finland
	Facebook	Facebook	4	Piano Tiles 2	Cheetah Mobile	4	Cheetah Mobile	China	4	TabTale	Israel
4	Instagram	Facebook	5	Color Switch	Fortafy Games	5	Apple	United States			
5	Snapchat	Snap				6	Snap	United States	5	Tencent	China
6	Amazon	Amazon	6	Subway Surfers	Kiloo	7	Amazon	United States	6	Doodle Mobile	China
7	Skype	Microsoft	7	BBTAN	111%		InterActiveCorp		7	Ubisoft	France
8	Shazam	Shazam Entertainment	8	Candy Crush Jelly Saga	Activision Blizzard	8	(IAC)	United States	8	Cheetah Mobile	China
9	Weather by iLMeteo	ILMETEO	9	Clash of Clans	Supercell	9	Telecom Italia Mediaset.it	ltaly Italy	9	Vivendi	France
10	My Vodafone IT	Vodafone	10	Candy Crush Saga	Activision Blizzard			·	10	Niantic	United States

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Italy by Revenue

Top Apps of 2016: Italy Combined iOS and Google Play Revenue

Top Games of 2016: Italy Combined iOS and Google Play Revenue Top Companies of 2016: Italy Combined iOS and Google Play Apps Revenue Top Companies of 2016: Italy Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Netflix	Netflix	1	Clash Royale	Supercell	1	RCS MediaGroup	Italy	1	Supercell	Finland
2	Evening Courier	RCS MediaGroup	2	Clash of Clans	Supercell	2	Netflix	United States	2	Activision Blizzard	United States
3	Spotify	Spotify	3	Candy Crush Saga	Activision Blizzard	3	Gruppo Editoriale	lank.	3	Niantic	United States
4	la Repubblica	Gruppo Editoriale L'Espresso	4	Pokémon GO	Niantic	3	L'Espresso	Italy	4	Electronic Arts	United States
5	Badoo	Badoo	5	Candy Crush Soda Saga	Activision Blizzard	4	InterActiveCorp (IAC)	United States	5	Elex Technology	China
6	LOVOO	LOVOO	6	Clash of Kings	Elex Technology	5	Spotify	Sweden	6	MZ	United States
7	Tinder	InterActiveCorp (IAC)	7	Marvel Contest of	Kabam	6	Babbel	Germany	7	IGG	China
8	Babbel	Babbel	8	Champions Hay Day	Supercell	7	Badoo	United Kingdom	8	Kabam	United States
		InterActiveCorp		пау Бау	Superceil	8	LOVOO	Germany	9	Zynga	United States
9	Meetic	(IAC)	9	Farm Heroes Saga	Activision Blizzard	9	Adidas	Germany	10	Playrix	Caesars
10	Juasapp	Miraclia	10	Game of War - Fire Age	MZ	10	Caltagirone Editore	Italy		,	Entertainment

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Japan by Monthly Active Users

	Top Apps of 20 Thone Monthly			Apps of 2016: . none Monthly A		Тор	Games of 2016: J Monthly Active			ames of 2016: J one Monthly Ac	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	LINE	LINE	1	LINE	LINE	1	Pokémon GO	Niantic	1	Disney Tsum Tsum	LINE
2	YouTube	Google	2	Twitter	Twitter	2	Disney Tsum Tsum	LINE	2	Pokémon GO	Niantic
3	Facebook	Facebook	3	Facebook	Facebook	3	Monster Strike	mixi	3	Monster Strike	mixi
4	Google Maps	Google	4	Yahoo! JAPAN	Yahoo Japan	4	Puzzle & Dragons	GungHo Online Entertainment	4	Puzzle & Dragons	GungHo Online Entertainment
5	Instagram	Facebook	5	Yahoo! Japan Weather	Yahoo Japan	5	Piano Tiles 2	Cheetah Mobile	5	PokoPoko	LINE
6	Twitter	Twitter	6	Google Photos	Google	6	PokoPoko	LINE	6	Nekoatsume	Hit-Point
7	Facebook Messenger	Facebook	7	Yahoo! Japan Transit	Yahoo Japan	7	Colopl Rune Story	COLOPL	7	YO-KAI WATCH Wibble Wobble	Level-5
8	Yahoo! Japan Weather	Yahoo Japan	8	OfficeSuite 7	MobiSystems	8	Super Mario Run	Nintendo	8	LINE Bubble 2	LINE
9	Amazon	Amazon	9	Instagram	Facebook	9	YO-KAI WATCH Wibble Wobble	Level-5	9	LINE POP2	LINE
10	McDonald's Japan	McDonald's Japan	10	McDonald's Japan	McDonald's Japan	10	Puzzle & Dragons Radar	GungHo Online Entertainment	10	Colopl Rune Story	COLOPL

Japan by Downloads

Top Apps of 2016: Japan Combined iOS and Google Play Downloads

Top Games of 2016: Japan Combined iOS and Google Play Downloads Top Companies of 2016: Japan Combined iOS and Google Play Apps Downloads Top Companies of 2016: Japan Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	LINE	LINE	1	Pokémon GO	Niantic	1	Yahoo Japan	Japan	1	LINE	Japan
2	SNOW Selfie Camera	NAVER	2	Piano Tiles 2	Cheetah Mobile	2	Apple	United States	2	BANDAI NAMCO	Japan
3	iTunes U	Apple	3	Super Mario Run	Nintendo	3	Google	United States	3	Niantic	United States
4	Apple iMovie	Apple	4	Disney Tsum Tsum	LINE	4	LINE	Japan	4	SQUARE ENIX	Japan
5	LINE MUSIC	LINE MUSIC	5	Monster Strike	mixi	5	Facebook	United States	5	SEGA SAMMY	Japan
6	Pages	Apple	6	White Cat Tennis	COLOPL	6	CyberAgent	Japan			
7	Apple Numbers	Apple	_			7	Recruit Holdings	Japan	6	COLOPL	Japan
,	Apple Numbers	Apple	7	Marvel Tsum Tsum	mixi				7	CyberAgent	Japan
8	AbemaTV	CyberAgent	8	Shadowverse	CyberAgent	8	Rakuten	Japan	8	KONAMI	Japan
9	Apple Keynote	Apple				9	NAVER	South Korea	9	Charach Malain	China
10	GarageBand	Apple	9	YO-KAI WATCH Wibble Wobble	Level-5	10	KDDI	Japan	9	Cheetah Mobile	China
	-		10	Puzzle & Dragons	GungHo Online Entertainment				10	GungHo Online Entertainment	Japan

Japan by Revenue

Top Apps of 2016: Japan Combined iOS and Google Play Revenue

Top Games of 2016: Japan Combined iOS and Google Play Revenue Top Companies of 2016: Japan Combined iOS and Google Play Apps Revenue Top Companies of 2016: Japan Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	LINE	LINE	1	Monster Strike	mixi	1	LINE	Japan	1	mixi	Japan
2	LINE Manga	LINE	2	Puzzle & Dragons	GungHo Online Entertainment	2	Cocone	Japan	2	BANDAI NAMCO	Japan
3	Pokecolo	Cocone	3	Fate/Grand Order	Sony	3	SQUARE ENIX	Japan	3	GungHo Online Entertainment	Japan
4	LINE PLAY	LINE	4	Disney Tsum Tsum	LINE	4	SHUEISHA	Japan	4	LINE	Japan
5	Dragon Quest X Adventurer's Convenient Outing Tool	SQUARE ENIX	5	Colopl Rune Story	COLOPL	5	CyberAgent InterActiveCorp	Japan	5	SQUARE ENIX	Japan
6	Pairs	InterActiveCorp	6	THE IDOLM@STER Starlight Stage	BANDAI NAMCO	6	(IAC)	United States	6	COLOPL	Japan
	i uns	(IAC)		Jikkyou Pawafuru		7	DeNA	Japan	7	Sony	Japan
7	taple	CyberAgent	7	Puroyakyu	KONAMI	8	LINE MUSIC	Japan	8	CyberAgent	Japan
8	LINE MUSIC	LINE MUSIC	8	GranBlue Fantasy	CyberAgent	9	Shogakukan	Japan	9	KONAMI	Japan
9	Shonen Jump Plus	SHUEISHA	9	Pokémon GO	Niantic	10	Voltage	Japan	10	DeNA	Japan
10	MangaONE	Shogakukan	10	Dragon Ball Z Dokkan Battle	BANDAI NAMCO					-	

Mexico by Monthly Active Users

Top Apps of 2016: Mexico iPhone Monthly Active Users

Top Apps of 2016: Mexico Android Phone Monthly Active Users

Top Games of 2016: Mexico iPhone Monthly Active Users

Top Games of 2016: Mexico Android Phone Monthly Active Users

									03613		
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook Messenger	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Candy Crush Saga	Activision Blizzard
3	Facebook	Facebook	3	Facebook Messenger	Facebook	3	Candy Crush Soda Saga	Activision Blizzard	3	Candy Crush Soda Saga	Activision Blizzard
4	YouTube	Google	4	Instagram	Facebook	4	Trivia Crack	Etermax	4	Piano Tiles 2	Cheetah Mobile
5	Instagram	Facebook	5	Spotify	Spotify	5	Clash of Clans	Supercell	5	Clash of Clans	Supercell
6	Spotify	Spotify	6	Twitter	Twitter	6	Plants vs. Zombies 2	Electronic Arts	6	Clash Royale	Supercell
7	Snapchat	Snap	7	Google Photos	Google	7	Super Mario Run	Nintendo	7	Trivia Crack	Etermax
8	Twitter	Twitter	8	Uber	Uber Technologies	8	Piano Tiles 2	Cheetah Mobile	8	Plants vs. Zombies 2	Electronic Arts
9	Uber	Uber Technologies	9	Netflix	Netflix	9	Clash Royale	Supercell	9	Subway Surfers	Kiloo
10	Google Maps	Google	10	Snapchat	Snap	10	Color Switch	Fortafy Games	10	Candy Crush Jelly Saga	Activision Blizzard

Mexico by Downloads

Top Apps of 2016: Mexico Combined iOS and Google Play Downloads

Top Games of 2016: Mexico Combined iOS and Google Play Downloads Top Companies of 2016: Mexico Combined iOS and Google Play Apps Downloads Top Companies of 2016: Mexico Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Piano Tiles 2	Cheetah Mobile	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook	Facebook	2	Subway Surfers	Kiloo	2	Google	United States	2	Doodle Mobile	China
3	Facebook Messenger	Facebook	3	Pou	Zakeh	3	Cheetah Mobile	China	3	Activision Blizzard	United States
4	Instagram	Facebook	4	slither.io	Lowtech Studios	4	Microsoft	United States	4	Outfit7	Cyprus
5	B612	LINE	5	Pokémon GO	Niantic	5	Sungy Mobile	China	5	Rovio	Finland
6	Snapchat	Snap	6	Plants vs. Zombies	Electronic Arts	6	Lyrebird Studio	United States	6	Vivendi	France
7	Photo Editor Collage Maker	Lyrebird Studio	7	Geometry Dash	RobTop	7	LINE	Japan	7	Cheetah Mobile	China
8	Clean Master	Cheetah Mobile	8	Candy Crush Saga	Activision Blizzard	8	Baidu	China	8	Disney	United States
9	Uber	Uber Technologies	9	My Talking Tom	Outfit7	9	Fotoable	China	9	RobTop	Sweden
10	Spotify	Spotify		Geometry Dash		10	Snap	United States	10	Tencent	China
60			10	Meltdown	RobTop						0.4

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Mexico by Revenue

Top Apps of 2016: Mexico Combined iOS and Google Play Revenue

Top Games of 2016: Mexico Combined iOS and Google Play Revenue Top Companies of 2016: Mexico Combined iOS and Google Play Apps Revenue Top Companies of 2016: Mexico Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Spotify	Spotify	1	Clash Royale	Supercell	1	Spotify	Sweden	1	Supercell	Finland
2	Netflix	Netflix	2	Clash of Clans	Supercell	2	Netflix	United States	2	Activision Blizzard	United States
3	Tinder	InterActiveCorp (IAC)	3	Pokémon GO	Niantic	3	InterActiveCorp (IAC)	United States	3	Electronic Arts	United States
4	Sing! Karaoke	Smule	4	Candy Crush Saga	Activision Blizzard	4	Smule	United States	4	MZ	United States
5	Deezer	Deezer	5	Marvel Contest of Champions	Kabam	5	Grupo Reforma	Mexico	5	Niantic	United States
6	Sweat with Kayla	Kayla Itsines	6	Game of War - Fire Age	MZ	6	MagazineCloner	United Kingdom	6	Kabam	United States
7	PlayKids	Naspers	7	Candy Crush Soda Saga	Activision Blizzard	7	Deezer	France	7	Elex Technology	China
8	Badoo	Badoo	8	Mobile Strike	MZ	8	Naspers	South Africa	8	Time Warner	United States
9	Colorfy	Fun Games For Free	9	Clash of Kings	Elex	9	Kayla Itsines	Australia	9	Caesars Entertainment	United States
10	Running for Weight Loss	Grinasys	10	Slotomania	Technology Caesars Entertainment	10	Badoo	United Kingdom	10	Zynga	United States

Poland by Monthly Active Users

	Γορ Apps of 20 hone Monthly		•	Apps of 2016: F none Monthly A		Тор (Games of 2016: F Monthly Active			p Games of 201 roid Phone Mor Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	Facebook Messenger	Facebook	1	Facebook Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Google Maps	Google	2	Facebook	Facebook	2	QuizClash	FEO Media	2	QuizClash	FEO Media
3	Facebook	Facebook	3	WhatsApp Messenger	Facebook	3	2048	Ubisoft	3	Piano Tiles 2	Cheetah Mobile
4	YouTube	Google	4	Allegro	Grupa Allegro	4	Hearthstone: Heroes of Warcraft	Activision Blizzard	4	Clash of Clans Hearthstone:	Supercell
5	WhatsApp Messenger	Facebook	5	JakDojade.pl	CITY-NAV	5	Clash of Clans	Supercell	5	Heroes of Warcraft	Activision Blizzard
6	Instagram	Facebook	6	Skype	Microsoft	6	Candy Crush Saga	Activision Blizzard	6	Subway Surfers	Kiloo
7	Spotify	Spotify	7	Instagram	Facebook	7	Subway Surfers	Kiloo	7	Color Switch	Fortafy Games
8	Google Translate	Google	8	Google Photos	Google	8	Clash Royale	Supercell	8	Hill Climb Racing	Fingersoft
9	Allegro	Grupa Allegro	9	Yanosik navi	Neptis SA	9	1010!	GramGames	9	Brain It On!	Orbital Nine
10	Snapchat	Snap	10	Dropbox	Dropbox	10	Super Mario Run	Nintendo	10	Candy Crush Saga	Activision Blizzard

Poland by Downloads

Top Apps of 2016: Poland Combined iOS and Google Play Downloads

Top Games of 2016: Poland Combined iOS and Google Play Downloads Top Companies of 2016: Poland Combined iOS and Google Play Apps Downloads Top Companies of 2016: Poland Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook Messenger	Facebook	1	Piano Tiles 2	Cheetah Mobile	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook	Facebook	2	Color Switch	Fortafy Games	2	Google	United States	2	Ubisoft	France
3	Snapchat	Snap	3	Subway Surfers	Kiloo	3	Microsoft	United States	3	Rovio	Finland
	WhatsApp		4	slither.io	Lowtech Studios	4	Snap	United States	4	Outfit7	Cyprus
	Messenger	Facebook Facebook	5	Pou	Zakeh	5	Cheetah Mobile	China	5	Ketchapp Studio	France
		Facebook	6	Pokémon GO	Niantic	6	Naspers	South Africa	6	Tencent	China
6	OLX.pl	Naspers	7	Traffic Rider	Soner Kara	7	AVAST	Czech Republic	7	LEGO	Denmark
7	Skype 360 Mobile	Microsoft	8	My Talking	Outfit7	8	Outfit7	Cyprus	8	Cheetah Mobile	China
8	Security	Qihoo 360		Tom Hill Climb		9	Qihoo 360	China	9	Vivendi	France
9	Allegro	Grupa Allegro	9	Racing	Fingersoft	10	Sony	Japan	10	Nealo	Sweden
10	Bitmoji	Snap	10	My Talking Angela	Outfit7				10	iveaio	Sweden

Poland by Revenue

Top Apps of 2016: Poland Combined iOS and Google Play Revenue

Top Games of 2016: Poland Combined iOS and Google Play Revenue Top Companies of 2016: Poland Combined iOS and Google Play Apps Revenue Top Companies of 2016: Poland Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Tinder	InterActiveCorp (IAC)	1	Mobile Strike	MZ	1	InterActiveCorp (IAC)	United States	1	MZ	United States
2	AutoMapa	Aqurat	2	Game of War - Fire Age	MZ	2	Aqurat	Poland	2	Supercell	Finland
3	Audioteka Poland	Audioteka	3	Pokémon GO	Niantic	3	Sygic	Slovakia	3	Activision Blizzard	United States
4	Endomondo Sports Tracker	Under Armour	4	Clash of Clans	Supercell	4	Under Armour	United States	4	Niantic	United States
5	Badoo	Badoo	5	Clash of Kings	Elex Technology	5	MobiSystems	United States	5	Elex Technology	China
6	Nawigacja	NaviExpert	6	Castle Clash	IGG	6	MagazineCloner	United Kingdom	6	IGG	China
7	NaviExpert Netflix	Netflix	7	Hearthstone: Heroes of Warcraft	Activision Blizzard	7	Badoo	United Kingdom	7	Electronic Arts	United States
8	Spotify	Spotify	8	Clash Royale	Supercell	8	K2 Internet SA	Poland	8	Goodgame Studios	Germany
9	TIDAL	Aspiro	9	Empire: Four Kingdoms	Goodgame Studios	9	NaviExpert	Poland	9	Wargaming.net	Cyprus
10	AntiVirus Security	AVAST	10	World of Tanks Blitz	Wargaming. net	10	Netflix	United States	10	Funstage Spielewebseiten	Austria

Russia by Monthly Active Users

	Top Apps of 20 Phone Monthly A		•	Apps of 2016: F none Monthly A		Тор	Games of 2016: Monthly Active			op Games of 203 Iroid Phone Mor Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	2048	Ubisoft	1	Clash of Clans	Supercell
2	Viber	Rakuten	2	Viber	Rakuten	2	Clash of Clans	Supercell	2	Subway Surfers	Kiloo
3	VK	Mail.Ru Group	3	VK	Mail.Ru Group	3	Durak by RS Technologies	RS Technologies	3	My Talking Tom	Outfit7
4	Instagram	Facebook	4	2GIS Listings	2GIS	4	1010!	GramGames	4	Clash Royale	Supercell
5	YouTube	Google	5	Skype	Microsoft	5	Clash Royale	Supercell	5	Pokémon GO	Niantic
6	Sberbank Online	Sberbank of Russia	6	Sberbank Online	Sberbank of Russia	6	Pokémon GO	Niantic	6	Hill Climb Racing	Fingersoft
7	Yandex.Naviga tor	Yandex	7	Instagram	Facebook	7	Subway Surfers	Kiloo	7	World of Tanks Blitz	Wargaming.net
8	Facebook	Facebook	8	Yandex.Maps	Yandex	8	Hearthstone: Heroes of	Activision Blizzard	8	Piano Tiles 2	Cheetah Mobile
9	Yandex.Maps	Yandex	9	AliExpress	Alibaba Group	9	Warcraft		9	Minecraft Pocket Edition	Microsoft
10	2GIS Listings	2GIS	10	Yandex.Naviga tor	Yandex	10	Boom Beach QuizClash	Supercell FEO Media	10	Traffic Rider	Soner Kara

Russia by Downloads

Top Apps of 2016: Russia Combined iOS and Google Play Downloads

Top Games of 2016: Russia Combined iOS and Google Play Downloads Top Companies of 2016: Russia Combined iOS and Google Play Apps Downloads Top Companies of 2016: Russia Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Whats App Messenger	Facebook	1	Subway Surfers	Kiloo	1	Mail.Ru Group	Russia	1	Electronic Arts	United States
2	VK	Mail.Ru Group	2	slither.io	Lowtech Studios	2	Facebook	United States	2	Outfit7	Cyprus
3	Viber	Rakuten	3	My Talking Tom	Outfit7	3	Yandex	Russia	3	Rovio	Finland
	Sberbank	Sberbank of	4	Piano Tiles 2	Cheetah Mobile	4	Google	United States	4	Vivendi	France
4	Online	Russia	5	My Talking	Outfit7	5	Cheetah Mobile	China	5	Doodle Mobile	China
5	OK.RU	Mail.Ru Group		Angela							
6	Instagram	Facebook	6	Clash Royale	Supercell	6	Alibaba Group	China	6	Cheetah Mobile	China
7	AliExpress	Alibaba Group	7	Shadow Fight 2	Nekki	7	Microsoft	United States	7	Ubisoft	France
8	Avito	Naspers	8	Pirate Treasures	OrangeApps	8	Rakuten	Japan	8	Supercell	Finland
9	Skype	Microsoft		UTIL CIT AL	Games	9	Sberbank of Russia	Russia	9	TabTale	Israel
10	Youla	Mail.Ru Group	9	Hill Climb Fir Racing	Fingersoft	10	Naspers	South Africa	10	Tencent	China
			10	Clash of Clans	Supercell						

Russia by Revenue

Top Apps of 2016: Russia Combined iOS and Google Play Revenue

Top Games of 2016: Russia Combined iOS and Google Play Revenue Top Companies of 2016: Russia Combined iOS and Google Play Apps Revenue Top Companies of 2016: Russia Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	OK.RU	Mail.Ru Group	1	Clash of Kings	Elex Technology	1	LitRes	Russia	1	Elex Technology	China
2	Read!	LitRes	2	Game of War - Fire Age	MZ	2	Mail.Ru Group	Russia	2	Supercell	Finland
3	Badoo	Badoo			Wargaming.	3	Badoo	United Kingdom	3	MZ	United States
4	Yandex Music	Yandex	3	World of Tanks Blitz	net			Russia	4	Plarium	Israel
5	ivi.ru	lvi.ru	4	Vikings: War of Clans	Plarium	5	lvi.ru	Russia	5	IGG	China
6	Viber	Rakuten	5	Clash Royale	Supercell	6	Yandex	Russia	6	Wargaming.net	Cyprus
7	Mamba Dating	Mamba Dating	6	Castle Clash	IGG	7	Smule	United States	7	Electronic Arts	United States
8	LovePlanet	Media Mir	7	Last Empire-War Z	Long Tech Network	8	Media Mir	Russia	,	Electronic Arts	United States
9	VK	Mail.Ru Group	8	Clash of Clans	Supercell	9	Navitel	Russia	8	Playrix	Russia
10	Bookmate	Bookmate	9	Mobile Strike	MZ	10	Rakuten	Japan	9	Long Tech Network	China
			10	Galaxy Legend	Tap4Fun			p w	10	Tap4Fun	China

Singapore by Monthly Active Users

	p Apps of 201 hone Monthly			p Apps of 201 droid Phone M Users	onthly Active		o Games of 201 hone Monthly A			Games of 2016 Iroid Phone Mo Users	J 1
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook	Facebook	2	Facebook	Facebook	2	Clash Royale	Supercell	2	Candy Crush Saga	Activision Blizzard
3	YouTube	Google	3	Facebook Messenger	Facebook	3	Candy Crush Saga	Activision Blizzard	3	Clash Royale	Supercell
4	Facebook Messenger	Facebook	4	Instagram	Facebook	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Instagram	Facebook	5	LINE	LINE	5	Candy Crush Soda Saga	Activision Blizzard	5	Candy Crush Soda Saga	Activision Blizzard
6	Google Maps	Google	6	Carousell	Carousell		Disney Tsum		6	Piano Tiles 2	Cheetah Mobile
7	Carousell	Carousell	7	WeChat	Tencent	6	Tsum	LINE	7	Disney Tsum Tsum	LINE
8	Snapchat	Snap	8	Dropbox	Dropbox	7	Piano Tiles 2	Cheetah Mobile	8	Psych Outwit Your Friends	Time Warner
9	Grab	Grabtaxi	9	Grab	Grabtaxi	8	Color Switch	Fortafy Games			
10	WeChat	Tencent	10	Clean Master	Cheetah Mobile	9	1010!	GramGames	9	Hearthstone: Heroes of Warcraft	Activision Blizzard
10	Weendt	reneent				10	Psych Outwit Your Friends	Time Warner	10	Color Switch	Fortafy Games

Singapore by Downloads

Top Apps of 2016: Singapore Combined iOS and Google Play Downloads Top Games of 2016: Singapore Combined iOS and Google Play Downloads Top Companies of 2016: Singapore Combined iOS and Google Play Apps Downloads Top Companies of 2016: Singapore Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Facebook	United States	1	Niantic	United States
2	Facebook	Facebook	2	Clash Royale	Supercell	2	Google	United States	2	Electronic Arts	United States
3	Facebook	Facebook	3	slither.io	Lowtech Studios	3	Apple	United States	3	Activision Blizzard	United States
	Messenger	Uber	4	Color Switch	Fortafy Games	4	Microsoft	United States	4	Supercell	Finland
4	Uber	Technologies	5	Piano Tiles 2	Cheetah Mobile	5	DBS Bank	Singapore	5	Tencent	China
5	Grab	Grabtaxi	6	Candy Crush Saga	Activision Blizzard	6	Uber Technologies	United States	6	Time Warner	United States
6	WeChat	Tencent	7	Candy Crush	Activision Blizzard	7	Alibaba Group	China	0	rime warner	United States
7	Instagram	Facebook	,	Jelly Saga	Activision Bilzzard	8	Sungy Mobile	China	7	Cheetah Mobile	China
8	DBS Digibank	DBS Bank	8	Mobile Strike	MZ	9	Tencent	China	8	Vivendi	France
9	Viu	PCCW	9	Psych Outwit Your Friends	Time Warner	10	Cheetah	China	9	Netmarble	South Korea
10	imo	imo.im	10	Clash of Clans	Supercell	10	Mobile	Gillia	10	Rovio	Finland

Singapore by Revenue

	op Apps of 2010 mbined iOS and Revenu	l Google Play		o Games of 2016: S mbined iOS and Go Revenue			Companies of 20 mbined iOS and Apps Reve	Google Play		Companies of 2 mbined iOS and Games Rev	
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	BIGO LIVE	BIGO	1	Clash Royale	Supercell	1	Smule	United States	1	Supercell	Finland
2	Sing! Karaoke	Smule	2	Pokémon GO	Niantic	2	BIGO	China	2	GAMEVIL	South Korea
3	Spotify	Spotify	3	Summoners War	GAMEVIL	3	Spotify	Sweden	3	Netmarble	South Korea
4	Netflix	Netflix	4	Slotomania	Caesars Entertainme nt	4	InterActiveCorp (IAC)	United States	4	MZ	United States
5	Tinder	InterActiveCorp (IAC)	5	Clash of Clans	Supercell	5	Netflix	United States	5	Caesars Entertainment	United States
6	LINE	LINE	6	Seven Knights	Netmarble	6	Magzter	United States	6	Activision Blizzard	United States
7	Viu	PCCW	7	Game of War - Fire Age	MZ	7	LINE	Japan	7	Elex Technology	China
8	Live 4D Singapore	Live4D	8	FaFaFa	IGS	8	Voltage	Japan	8	EFUN	China
9	LINE PLAY	LINE	9	Mobile Strike	MZ	9	MagazineCloner	United Kingdom	9	Niantic	United States
10	Paktor	Paktor	10	Clash of Kings	Elex Technology	10	Live4D	Singapore	10	IGS	Taiwan

South Korea by Monthly Active Users

Top Apps of 2016: South Korea Top Apps of 2016: South Korea Top Games of 2016: South Korea Android Phone Monthly Active iPhone Monthly Active Users iPhone Monthly Active Users Users

Top Games of 2016: South Korea Android Phone Monthly Active Users

Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	KakaoTalk	Kakao Corp	1	KakaoTalk	Kakao Corp	1	Everybody's Marble	Netmarble	1	Anipang 2	SundayToz
2	Naver	NAVER	2	Naver	NAVER	2	Pop Friends	NHN Entertainment	2	Pop Friends	NHN Entertainment
3	YouTube	Google	3	KakaoStory	Kakao Corp	3	Clash of Clans	Supercell	3	Everybody's Marble	Netmarble
4	Facebook	Facebook	4	BAND	NAVER	4	Piano Tiles 2	Cheetah Mobile	4	Piano Tiles 2	Cheetah Mobile
5	Instagram	Facebook	5	Naver Map	NAVER	5	Seven Knights	Netmarble	5	Cookie Run	Devsisters
6	BAND	NAVER	6	Facebook	Facebook	6	Friends Run	Next Floor	6	Anipang Mahjong	SundayToz
7	Facebook Messenger	Facebook	7	Daum	Kakao Corp				7	Seven Knights	Netmarble
8	KakaoStory	Kakao Corp	8	WhoWho	KT Corporation	7	Clash Royale	Supercell	8	Anipang	SundayToz
9	Naver Map	NAVER	9	Coupang	Coupang	8	Swipe Brick Breaker	Monthly 23	9	Clash of Clans	Supercell
10	MelOn	Kakao Corp	10	V3 Mobile 2.0	AhnLab	9	Candy Crush Soda Saga	Activision Blizzard	10	Minecraft Pocket Edition	Microsoft
						10	Cookie Run	Devsisters			

South Korea by Downloads

Top Apps of 2016: South Korea Combined iOS and Google Play Downloads Top Games of 2016: South Korea Combined iOS and Google Play Downloads Top Companies of 2016: South Korea Combined iOS and Google Play Apps Downloads Top Companies of 2016: South Korea Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	SNOW Selfie Camera	NAVER	1	Rolling Sky	Cheetah Mobile	1	NAVER	South Korea	1	Netmarble	South Korea
2	KakaoTalk	Kakao Corp	2	Clash Royale	Supercell	2	Kakao Corp	South Korea	2	Kakao Corp	South Korea
3	Naver	NAVER	3	Piano Tiles 2	Cheetah Mobile	3	SK Group	South Korea	3	GAMEVIL	South Korea
4	V3 Mobile 2.0	AhnLab	4	slither.io	Lowtech Studios	4	Facebook	United States	4	Cheetah Mobile	China
5	Facebook	Facebook	5	Friends Run	Next Floor	5	KT Corporation	South Korea	5	SundayToz	South Korea
6	Facebook Messenger	Facebook	6	Friends Popcorn	Kakao Corp	6	Google	United States	6	NEXON	Japan
7	BAND	NAVER	7	Everybody's Marble	Netmarble	7	Lotte	South Korea	7	7day	South Korea
8	KakaoTaxi	Kakao Corp	8	Anipang3 for Kakao	SundayToz	8	LG Corporation	South Korea	8	ENISTUDIO	South Korea
9	KakaoStory	Kakao Corp		Lineage II:		9	Apple	United States	9	Four Thirty Three	South Korea
10	Naver Map	NAVER	9	Revolution	Netmarble	10	Samsung Group	South Korea	10	Mobirix	South Korea
			10	Sword and	Longtu Game						

South Korea by Revenue

	o Apps of 2016 mbined iOS and Revent	d Google Play		Games of 2016: So mbined iOS and Goo Revenue			p Companies of ea Combined iC Play Apps Re	S and Google		p Companies of ea Combined iC Play Games F	S and Google
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	KakaoTalk	Kakao Corp	1	Everybody's Marble	Netmarble	1	Kakao Corp	South Korea	1	Netmarble	South Korea
2	KakaoPage	Kakao Corp	2	Seven Knights	Netmarble	2	pooq	South Korea	2	NEXON	Japan
3	pooq	pooq	3	Lineage II: Revolution	Netmarble	3	Nextmatch	South Korea	3	GAMEVIL	South Korea
4	Amanda	Nextmatch	4	MU: Origin	KingNet	4	LINE	Japan	4	Supercell	Finland
5	Lezhin Comics	Lezhin	5	HIT	Nexon	5	Lezhin	South Korea	5	Webzen	South Korea
6	LINE PLAY	LINE	6	FIFA ONLINE 3 M	NEXON	6	Mozzet	South Korea	6	SundayToz	South Korea
7	MelOn	Kakao Corp	7	Pop Friends	NHN Entertainme	7	NAVER	South Korea	7	NHN Entertainment	South Korea
8	NoonDate	Mozzet		.,	nt	8	BNK Lab	South Korea	8	Four Thirty	Carrela Kanaa
9	Bugs	BUGS	8	8 Clash of Clans	Supercell	9	BUGS	South Korea	0	Three	South Korea
	9-	Corporation 9	9	Dragon Blaze	GAMEVIL	-	Corporation	_ 34	9	Next Floor	South Korea
10	Dangyeonsi	BNK Lab	10	Clash Royale	Supercell	10	ordinaryFactory	South Korea	10	Kakao Corp	South Korea

Spain by Monthly Active Users

Top Apps of 2016: Spain iPhone Monthly Active Users

Top Apps of 2016: Spain Android Phone Monthly Active Users

Top Games of 2016: Spain iPhone Monthly Active Users Top Games of 2016: Spain Android Phone Monthly Active Users

Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Candy Crush Saga	Activision Blizzard
2	Facebook	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Pokémon GO	Niantic
3	YouTube	Google	3	Facebook Messenger	Facebook	3	Clash Royale	Supercell	3	Clash Royale	Supercell
4	Facebook Messenger	Facebook	4	Instagram	Facebook	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Instagram	Facebook	5	Twitter	Twitter	5	Candy Crush Soda Saga	Activision Blizzard	5	Candy Crush Soda Saga	Activision Blizzard
6	Google Maps	Google	6	Google Photos	Google	6	Piano Tiles 2	Cheetah Mobile	6	Farm Heroes Saga	Activision Blizzard
7	Twitter	Twitter	7	Dropbox	Dropbox	7	Trivia Crack	Etermax	7	Piano Tiles 2	Cheetah Mobile
8	Spotify	Spotify	8	ES File Explorer File	ES Global	8	Score! Hero	First Touch	8	Pou	Zakeh
9	Snapchat	Snap		Manager		9	Aworded	Etermax	9	Aworded	Etermax
10	Wallapop	Wallapop	9	Shazam	Shazam Entertainment	10	Subway Surfers	Kiloo	10	Trivia Crack	Etermax

Spain by Downloads

Top Apps of 2016: Spain Combined iOS and Google Play Downloads

Top Games of 2016: Spain Combined iOS and Google Play Downloads Top Companies of 2016: Spain Combined iOS and Google Play Apps Downloads Top Companies of 2016: Spain Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Clash Royale	Supercell	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook	Facebook	2	Piano Tiles 2	Cheetah Mobile	2	Google	United States	2	Activision Blizzard	United States
3	Facebook	Facebook	3	slither.io	Lowtech Studios	3	Microsoft	United States	3	Supercell	Finland
4	Messenger Wallapop	Wallapop	4	Pokémon GO	Niantic	4	Cheetah Mobile	China	4	Doodle Mobile	China
5	Instagram	Facebook	5	Color Switch	Fortafy Games	5	Schibsted	Norway	5	TabTale	Israel
6	Snapchat	Snap	6	Subway Surfers	Kiloo	6	Apple	United States			
7	Spotify	Spotify	7	Pou	Zakeh	7	Snap	United States	6	Cheetah Mobile	China
8	Skype	Microsoft	8	Score! Hero	First Touch	8	Wallapop	Spain	7	Tencent	China
9	Clean Master	Cheetah Mobile		Candy Crush		9	Sungy Mobile	China	8	Vivendi	France
10	AliExpress	Alibaba Group	9	Saga	Activision Blizzard	10	InterActiveCorp (IAC)	United States	9	Ubisoft	France
			10	Rolling Sky	Cheetah Mobile				10	Rovio	Finland

Spain by Revenue

Top Apps of 2016: Spain Combined Top Games of 2016: Spain Top Companies of 2016: Spain Top Companies of 2016: Spain iOS and Google Play Revenue Combined iOS and Google Play Combined iOS and Google Play Combined iOS and Google Play Apps Revenue Revenue Games Revenue Rank App Company Rank App Company Rank Company Headquarters Rank Company Headquarters 1 Spotify Spotify Clash Royale Supercell Spotify Sweden Supercell Finland 2 2 InterActiveCorp Netflix Netflix Clash of Clans Activision Supercell 2 United States 2 **United States** (IAC) Blizzard InterActiveCorp Activision 3 3 Tinder Candy Crush Saga 3 3 Netflix United States ΜZ **United States** (IAC) Blizzard Pokémon GO Niantic LOVOO Germany Electronic Arts **United States** LOVOO LOVOO Game of War - Fire 5 United Kinadom Badoo 5 5 5 Niantic **United States** Badoo Badoo ΜZ Age GEB 6 InterActiveCorp France Elex 6 Candy Crush Soda Activision 6 Meetic AdoptAGuv China (IAC) 6 Technology Blizzard Saga Smule United States AdoptAGuy GEB AdoptAGuy Elex IGG China 7 Clash of Kings Technology 8 United States Microsoft 8 Sing! Karaoke Smule 8 Playrix Russia 8 Mobile Strike ΜZ 9 Babbel Germany 9 Skype Microsoft 9 Kabam **United States** 9 Castle Clash IGG 10 Adidas Germany Sweat with 10 Kayla Itsines 10 United States Zynga Kayla Activision 10 Farm Heroes Saga Blizzard

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

Sweden by Monthly Active Users

	op Apps of 20 hone Monthly			op Apps of 201 droid Phone M Users	onthly Active		op Games of 20 Phone Monthly A			p Games of 201 Iroid Phone Mo Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	Facebook	Facebook	1	BankID säkerhetsapp	Finansiell ID-Teknik	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook Messenger	Facebook	2	Facebook	Facebook	2	Wordfeud	Bertheussen	2	Candy Crush Saga	Activision Blizzard
3	Spotify	Spotify	3	Facebook Messenger	Facebook	3	Candy Crush Saga	Activision Blizzard	3	Wordfeud	Bertheussen
4	Instagram	Facebook	4	Swish payments	Bankgirot	4	QuizClash	FEO Media	4	QuizClash	FEO Media
5	YouTube	Google	5	Spotify	Spotify	5	Clash of Clans	Supercell	5	Candy Crush Soda Saga	Activision Blizzard
6	Swish payments	Bankgirot	6	Instagram	Facebook	6	Clash Royale	Supercell	6	QuizClash	FEO Media
7	Google Maps	Google	7	WhatsApp	Facebook	7	Candy Crush	Activision	7	Wordfeud	Bertheussen
8	Snapchat	Snap		Messenger			Soda Saga	Blizzard	8	Clash of Clans	Supercell
9	WhatsApp	Facebook	8	Google Photos	Google	8	Piano Tiles 2	Cheetah Mobile	9	Hay Day	Supercell
	Messenger		9	SMHI	SMHI	9	Color Switch	Fortafy Games	10	Piano Tiles 2	Cheetah Mobile
10	Aftonbladet Tidning	Schibsted	10	Skype	Microsoft	10	Subway Surfers	Kiloo			

Sweden by Downloads

Top Apps of 2016: Sweden Combined iOS and Google Play Downloads

Top Games of 2016: Sweden Combined iOS and Google Play Downloads Top Companies of 2016: Sweden Combined iOS and Google Play Apps Downloads Top Companies of 2016: Sweden Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	BankID säkerhetsapp	Finansiell ID-Teknik	1	Pokémon GO	Niantic	1	Google	United States	1	Electronic Arts	United States
2	Swish	Bankgirot	2	slither.io	Lowtech Studios	2	Facebook	United States	2	Tencent	China
	payments		3	Color Switch	Fortafy Games	3	Apple	United States	3	Ubisoft	France
3	Facebook Messenger	Facebook	4	Piano Tiles 2	Cheetah Mobile	4	Microsoft	United States	4	Activision Blizzard	United States
4	Snapchat	Snap	5	Clash Royale	Supercell	5	Sveriges Television	Sweden	5	LEGO	Denmark
5	Facebook	Facebook	6	Rolling Sky	Cheetah Mobile	6	Snap	United States	6	Supercell	Finland
6 7	Spotify Instagram	Spotify Facebook	7	Subway Surfers	Kiloo	7	Finansiell ID-Teknik	Sweden	7	Ketchapp Studio	France
8	Wish	ContextLogic	8	Super Mario Run	Nintendo	8	Bankgirot	Sweden	8	Cheetah Mobile	China
9	WhatsApp Messenger	Facebook	9	Flip Diving	Tencent	9	Schibsted	Norway	9	Niantic	United States
10	Netflix	Netflix	10	8 Ball Pool	Tencent	10	InterActiveCorp (IAC)	United States	10	Rovio	Finland

Sweden by Revenue

Top Apps of 2016: Sweden Combined iOS and Google Play Revenue

Top Games of 2016: Sweden Combined iOS and Google Play Revenue Top Companies of 2016: Sweden Combined iOS and Google Play Apps Revenue Top Companies of 2016: Sweden Combined iOS and Google Play Games Revenue

			Revenue			Apps Revenue		riue	Games Revenue		
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Spotify	Spotify	1	Pokémon GO	Niantic	1	Spotify	Sweden	1	Activision Blizzard	United States
2	Tinder	InterActiveCorp (IAC)	2	Candy Crush Saga	Activision Blizzard	2	InterActiveCorp (IAC)	United States	2	Supercell	Finland
3	Badoo	Badoo	3	Mobile Strike	MZ	3	Badoo	United Kingdom	3	Niantic	United States
4	Netflix	Netflix	4	Candy Crush Soda Saga	Activision Blizzard	4	Netflix	United States	4	MZ	United States
5	Lifesum	Lifesum	5	Game of War - Fire Age	MZ	5	Lifesum	Sweden	5	Electronic Arts	United States
6	Match.com	InterActiveCorp (IAC)	6	Clash of Clans	Supercell	6	Smule	United States	6	Zynga	United States
7	Sing! Karaoke	Smule	7	Clash Royale	Supercell	7	Microsoft	United States	7	Netmarble	South Korea
8	Skype	Microsoft	8	Hay Day	Supercell	8	Teoriappar	Sweden	8	Elex Technology	China
9	Ta Körkort	Teoriappar	9	Hearthstone: Heroes of Warcraft	Activision Blizzard	9	Babbel	Germany	9	IGG	China
10	Runkeeper	ASICS	10	Farm Heroes Saga	Activision Blizzard	10	MagazineCloner	United Kingdom	10	King	United Kingdom

Turkey by Monthly Active Users

	Fop Apps of 2016 hone Monthly Act		•	pps of 2016: Tur one Monthly Act	•	Тор (Games of 2016: T Monthly Active			p Games of 201 roid Phone Mor Users	
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Trivia Crack	Etermax	1	Candy Crush Saga	Activision Blizzard
2	Facebook	Facebook	2	Facebook	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Trivia Crack	Etermax
3	Instagram	Facebook	3	Facebook Messenger	Facebook	3	Clash of Clans	Supercell	3	Clash of Clans	Supercell
4	Facebook Messenger	Facebook	4	Instagram	Facebook	4	Kelimelik	He2 Apps	4	101 Okey by Peak Games	Peak Games
5	YouTube	Google	5	Twitter	Twitter	5	Online Head Ball	Masomo	5	Kelimelik	He2 Apps
6	Twitter	Twitter	6	sahibinden.com	sahibinden	6	Clash Royale	Supercell	6	Candy Crush Soda Saga	Activision Blizzard
7	Snapchat	Snap	7	Google Photos	Google	7	101 Okey by Peak Games	Peak Games	7	Clash Royale	Supercell
8	Swarm	Foursquare	8	Yandex.Navigator	Yandex	8	Candy Crush Soda Saga	Activision Blizzard	8	Okey	Ahoy Games
9	sahibinden.com	sahibinden	9	Clean Master	Cheetah Mobile	9	Subway Surfers	Kiloo	9	Subway Surfers	Kiloo
10	Yandex.Navigator	Yandex	10	Snapchat	Snap	10	Okey	Ahoy Games	10	Online Head Ball	Masomo

Turkey by Downloads

Top Apps of 2016: Turkey Combined iOS and Google Play Downloads

Top Games of 2016: Turkey Combined iOS and Google Play Downloads Top Companies of 2016: Turkey Combined iOS and Google Play Apps Downloads Top Companies of 2016: Turkey Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Trivia Crack	Etermax	1	Facebook	United States	1	Outfit7	Cyprus
2	Facebook	Facebook	2	Subway Surfers	Kiloo	2	Google	United States	2	Doodle Mobile	China
3	Facebook Messenger	Facebook	3	Candy Crush Saga	Activision Blizzard	3	Cheetah Mobile	China	3	Activision Blizzard	United States
4	Instagram	Facebook	4	My Talking Tom	Outfit7	4	Turkcell	Turkey	4	Vivendi	France
5	Snapchat	Snap	5	Clash of Clans	Supercell	5	Snap	United States	5	Electronic Arts	United States
6	360 Mobile Security	Qihoo 360	6	Traffic Rider	Soner Kara	6	Fotoable	China	6	Supercell	Finland
7	letgo	etg	7	slither.io	Lowtech Studios	7	Microsoft	United States	7	Vasco Games	Netherlands
8	Retrica	Venticake	8	Okey	Ahoy Games	8	Qihoo 360	China	8	Peak Games	Turkey
9	Clean Master			,	,	9	Twitter	United States	9	TabTale	Israel
9		Cheetah Mobile	9	Online Head Ball	Masomo	10	Outfit7	Cyprus	10	Tencent	China
10	Turkcell My Account	Turkcell	10	101 Okey by Peak Games	Peak Games						

Turkey by Revenue

Top Apps of 2016: Turkey Combined iOS and Google Play Revenue

Top Games of 2016: Turkey Combined iOS and Google Play Revenue Top Companies of 2016: Turkey Combined iOS and Google Play Apps Revenue Top Companies of 2016: Turkey Combined iOS and Google Play Games Revenue

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Azar	Hyperconnect	1	Clash of Clans	Supercell	1	Hyperconnect	South Korea	1	Supercell	Finland
2	Tinder	InterActiveCorp (IAC)	2	Last Empire-War Z	Long Tech Network	2	InterActiveCorp (IAC)	United States	2	MZ	United States
3	Spotify	Spotify	3	Game of War - Fire Age	MZ	3	Spotify	Sweden	3	Peak Games	Turkey
4	Badoo	Badoo	4	Clash of Kings	Elex	4	Badoo	United Kingdom	4	Elex Technology	China
5	Hotspot Shield VPN	AnchorFree	5	Mobile Strike	Technology MZ	5	AnchorFree	United States	5	Long Tech Network	China
6	НООТТ	HOOTT				6	Smule	United States	6	Activision	11.72.150.4
0	ноотт	HOOTT	6	101 Okey by Peak Games	Peak Games	7	didiLabs	Netherlands	•	Blizzard	United States
7	Kaave	didiLabs	7	Clash Royale	Supercell	8	HOOTT	United Kingdom	7	Zynga	United States
8	Binnaz	Tasdelen					110011	omica kingdom	8	IGG	China
9	Topface	Topface	8	Candy Crush Saga	Activision Blizzard	9	Tasdelen	Singapore	•	IGG	Cnina
3	Торгасе	Торгасе	9	Zynga Poker	Zynga	10	Topface	Russia	9	Kabam	United States
10	Sing! Karaoke	Smule	-	Zyriga i okei	-y119a				10	Electronic Arts	United States
			10	Okey by Peak Games	Peak Games						

United Kingdom by Monthly Active Users

Top Apps of 2016: United Kingdom iPhone Monthly Active Users		Top Apps of 2016: United Kingdom Android Phone Monthly Active Users			Top Games of 2016: United Kingdom iPhone Monthly Active Users			Top Games of 2016: United Kingdom Android Phone Monthly Active Users			
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	WhatsApp Messenger	Facebook	1	WhatsApp Messenger	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook Messenger	Facebook	2	Facebook	Facebook	2	Color Switch	Fortafy Games	2	Candy Crush Saga	Activision Blizzard
3	Facebook	Facebook	3	Facebook Messenger	Facebook	3	Candy Crush Saga	Activision Blizzard	3	Color Switch	Fortafy Games
4	YouTube	Google	4	Instagram	Facebook	4	8 Ball Pool	Tencent	4	Candy Crush Soda Saga	Activision Blizzard
5	Instagram	Facebook	5	eBay	еВау	5	Clash of Clans	Supercell	5	Clash of Clans	Supercell
6	Snapchat	Snap	6	Twitter	Twitter	6	Candy Crush Soda Saga	Activision Blizzard	6	MobilityWare Solitaire	MobilityWare
7	Twitter	Twitter	7	Google Photos	Google	7	Piano Tiles 2	Cheetah Mobile	7	8 Ball Pool	Tencent
8	Google Maps	Google	8	Dropbox	Dropbox	8	Stack	Ubisoft	8	Words With Friends	Zynga
9	еВау	еВау	9	Snapchat	Snap	9	Subway Surfers	Kiloo	9	Candy Crush Jelly Saga	Activision Blizzard
10	Amazon	Amazon	10	BBC News	BBC	10	Words With Friends	Zynga	10	Piano Tiles 2	Cheetah Mobile

United Kingdom by Downloads

Top Apps of 2016: United Kingdom Combined iOS and Google Play Downloads Top Games of 2016: United Kingdom Combined iOS and Google Play Downloads Top Companies of 2016: United Kingdom Combined iOS and Google Play Apps Downloads Top Companies of 2016: United Kingdom Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	WhatsApp Messenger	Facebook	1	Color Switch	Fortafy Games	1	Facebook	United States	1	Electronic Arts	United States
2	Facebook Messenger	Facebook	2	Pokémon GO	Niantic	2	Google	United States	2	Ketchapp Studio	France
3	Facebook	Facebook	3	slither.io	Lowtech Studios	3	Apple	United States	3	Tencent	China
4			4	Piano Tiles 2	Cheetah Mobile	4	Microsoft	United States	4	Ubisoft	France
5	Snapchat	Snap	5	Stack	Ubisoft	5	BBC	United Kingdom	5	Activision	United States
	Instagram	Facebook	6	8 Ball Pool	Tencent	6	Amazon	United States	3	Blizzard	Officed States
6	Spotify	Spotify	7	Subway Surfers	Kiloo	7	Snap	United States	6	Cheetah Mobile	China
7	Skype	Microsoft	,	·	KIIOO	8	Sky	United Kingdom	7	Fortafy Games	Australia
9	Amazon	Amazon	8	Candy Crush Jelly Saga	Activision Blizzard	9	InterActiveCorp (IAC)	United States	8	Rovio	Finland
	Netflix	Netflix	9	Rolling Sky	Cheetah Mobile	10	еВау	United States	9	Zynga	United States
10	YouTube	Google	10	Clash Royale	Supercell				10	Supercell	Finland

United Kingdom by Revenue

Top Apps of 2016: United Kingdom Combined iOS and Google Play Revenue Top Games of 2016: United Kingdom Combined iOS and Google Play Revenue Top Companies of 2016: United Kingdom Combined iOS and Google Play Apps Revenue Top Companies of 2016: United Kingdom Combined iOS and Google Play Games Revenue

	Revenue			Google Play Revenue			Play Apps Revenue			Play Games Revenue		
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters	
1	Spotify	Spotify	1	Clash of Clans	Supercell	1	Spotify	Sweden	1	Activision Blizzard	United States	
2	Tinder	InterActiveCorp (IAC)	2	Pokémon GO	Niantic	2	InterActiveCorp (IAC)	United States	2	Supercell	Finland	
3	Netflix	Netflix	3	Candy Crush Saga	Activision Blizzard	3	Netflix	United States	3	MZ	United States	
4	Badoo	Badoo	4	Mobile Strike	MZ	4	Smule	United States	4	Niantic	United States	
5	Sing! Karaoke	Smule	5	Game of War - Fire Age	MZ	5	Microsoft	United States	5	Electronic Arts	United States	
6	Skype	Microsoft	6	Clash Royale	Supercell	6	Badoo	United Kingdom	6	Netmarble	South Korea	
7	POF Online Dating	InterActiveCorp (IAC)	7	Candy Crush Soda Saga	Activision Blizzard	7	Disney	United States	7	Zynga	United States	
8	Match.com	InterActiveCorp (IAC)	8	Clash of Kings	Elex Technology	8	Deutsche Post DHL	Germany	8	Churchill Downs	United States	
9	7	Zoosk			37	9	Zoosk	United States		Elex		
	Zoosk		9	Marvel Contest of Champions	Kabam	10	Deezer	France	9	Technology	China	
10	Deezer	Deezer	10	Boom Beach	Supercell				10	Playrix	Russia	

Top apps and games rankings exclude pre-installed apps as well as apps published by platform owners and downloaded to devices running their OS (such as *Google Translate* on Android phone and *GarageBand* on iPhone). To see a more detailed explanation, please see report methodology. Rankings are based on App Annie data as of March 20, 2017. For worldwide rankings, these rankings differ slightly from those in the original 2016 Retrospective release.

United States by Monthly Active Users

Top Apps of 2016: United States iPhone Monthly Active Users

Top Apps of 2016: United States Android Phone Monthly Active Users

Top Games of 2016: United States iPhone Monthly Active Users

Top Games of 2016: United States Android Phone Monthly Active Users

			Users						03613		
Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company	Rank	Арр	Company
1	Facebook	Facebook	1	Facebook	Facebook	1	Pokémon GO	Niantic	1	Pokémon GO	Niantic
2	Facebook Messenger	Facebook	2	Facebook Messenger	Facebook	2	Candy Crush Saga	Activision Blizzard	2	Candy Crush Saga	Activision Blizzard
3	YouTube	Google	3	Instagram	Facebook	3	Words With Friends	Zynga	3	Words With Friends	Zynga
4	Instagram	Facebook	4	Snapchat	Snap	4	Clash of Clans	Supercell	4	Clash of Clans	Supercell
5	Snapchat	Snap	5	Google Photos	Google	5	Color Switch	Fortafy Games	5	Candy Crush Soda Saga	Activision Blizzard
6 7	Pandora Radio Google Maps	Pandora Google	6	Pandora Radio	Pandora	6	Candy Crush Soda Saga	Activision Blizzard	6	MobilityWare Solitaire	MobilityWare
8	Twitter	Twitter	7	Amazon	Amazon	7	Clash Royale	Supercell	7	Trivia Crack	Etermax
9	Amazon	Amazon	8	Pinterest	Pinterest	8	Trivia Crack	Etermax	8	Clash Royale	Supercell
10	Pinterest	Pinterest	9	Twitter	Twitter	9	MobilityWare Solitaire	MobilityWare	9	Cookie Jam	Netmarble
			10	Netflix	Netflix	10	Subway Surfers	Kiloo	10	Candy Crush Jelly Saga	Activision Blizzard

United States by Downloads

Top Apps of 2016: United States Combined iOS and Google Play Downloads Top Games of 2016: United States Combined iOS and Google Play Downloads Top Companies of 2016: United States Combined iOS and Google Play Apps Downloads Top Companies of 2016: United States Combined iOS and Google Play Games Downloads

Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters
1	Facebook Messenger	Facebook	1	Pokémon GO	Niantic	1	Google	United States	1	Electronic Arts	United States
2	Snapchat	Snap	2	Color Switch	Fortafy Games	2	Facebook	United States	2	Niantic	United States
3	Facebook	Facebook	3	slither.io	Lowtech Studios	3	Apple	United States	3	Tencent	China
4	Instagram	Facebook	4	Clash Royale	Supercell	4	Snap	United States	4	Activision Blizzard	United States
5	Pandora Radio	Pandora	5	Piano Tiles 2	Cheetah Mobile	5	Microsoft	United States	5	Cheetah Mobile	China
6	Netflix	Netflix	6	Rolling Sky	Cheetah Mobile	6	Amazon	United States	6	Zynga	United States
						7	Sungy Mobile	China	· ·		Officed States
7	Bitmoji	Snap	7	Subway Surfers	Kiloo	8	Disney	United States	7	Ketchapp Studio	France
8	Spotify	Spotify	8	8 Ball Pool	Tencent	9	Comcast	United States	8	Rovio	Finland
9	WhatsApp Messenger	Facebook	9	Candy Crush	Activision Blizzard	10	InterActiveCorp	United States	9	Glu	United States
10	Apple iMovie	Apple	10	Jelly Saga			(IAC)		10	Time Warner	United States
			10	Mobile Strike	MZ						

United States by Revenue

of Champions

	Top Apps of 2016: United States Combined iOS and Google Play Revenue			Top Games of 2016: United States Combined iOS and Google Play Revenue			Companies of 2 es Combined iO Play Apps Re	S and Google	Top Companies of 2016: United States Combined iOS and Google Play Games Revenue			
Rank	Арр	Company	Rank	Арр	Company	Rank	Company	Headquarters	Rank	Company	Headquarters	
1	Spotify	Spotify	1	Game of War - Fire Age	MZ	1	Spotify	Sweden	1	MZ	United States	
2	HBO NOW	Time Warner	2	Clash of Clans	Supercell	2	InterActiveCorp (IAC)	United States	2	Supercell	Finland	
3	Pandora Radio	Pandora	3	Mobile Strike	MZ	3	Time Warner	United States	3	Activision Blizzard	United States	
4	Netflix	Netflix	4	Pokémon GO	Niantic	4	Pandora	United States	4	Niantic	United States	
5	Tinder	InterActiveCorp (IAC)	5	Candy Crush Saga	Activision Blizzard	5	Netflix	United States	5	Caesars Entertainment	United States	
6	Hulu	Hulu	6	Clash Royale	Supercell	6	Hulu	United States	6	Electronic Arts	United States	
7	YouTube	Google	7	Candy Crush Soda Saga	Activision Blizzard	7	Smule	United States	7	Zynga	United States	
8	TIDAL	Aspiro		J		8	Google	United States		o		
9	Sing! Karaoke	Smule	8	DoubleDown Casino	International Game Technology	9	Aspiro	Sweden	8	Churchill Downs	United States	
10	Match.com	InterActiveCorp (IAC)	9	Slotomania	Caesars Entertainment	10	Microsoft	United States	9	Netmarble	South Korea	
		(IAC)	10	Marvel Contest	Kabam				10	Kabam	United States	

Top Countries and Categories

Top Country Rankings

iOS 2	iOS 2016 Worldwide Downloads		iOS 2016 Worldwide Revenue			God	ogle Play 2016 Downloa		Google Play 2016 Worldwide Revenue		
Rank	Country	Rank Change vs. 2015	Rank	Country	Rank Change vs. 2015	Rank	Country	Rank Change vs. 2015	Rank	Country	Rank Change vs. 2015
1	China	-	1	China	1	1	India	A 2	1	Japan	-
2	United States	-	2	United States	V 1	2	United States	V 1	2	United States	-
3	Japan	-	3	Japan	V 1	3	Brazil	V 1	3	South Korea	-
4	United Kingdom	-	4	United Kingdom	-	4	Indonesia	A 2	4	Germany	1
5	Russia	-	5	Australia	-	5	Russia	V 1	5	Taiwan	V 1
6	France	-	6	Canada	-	6	Mexico	V 1	6	United Kingdom	-
7	Germany	-	7	Taiwan	A 3	7	Turkey	-	7	France	-
8	Canada	-	8	South Korea	-	8	South Korea	-	8	Australia	1
9	Brazil	1	9	Germany	V 2	9	Thailand	-	9	Hong Kong	V 1
10	Australia	V 1	10	France	V 1	10	Vietnam	<u>^</u> 2	10	Canada	-

© App Annie 2017

Top Category Rankings

iOS 2016 Worldwide Downloads		iOS 2016 Worldwide Revenue			God	ogle Play 2016 Download		Google Play 2016 Worldwide Revenue			
Rank	Category	Rank Change vs. 2015	Rank	Category	Rank Change vs. 2015	Rank	Category	Rank Change vs. 2015	Rank	Category	Rank Change vs. 2015
1	Games	-	1	Games	-	1	Games	-	1	Games	-
2	Photo & Video	-	2	Social Networking	-	2	Tools	-	2	Communication	-
3	Entertainment	-	3	Entertainment	1	3	Communication	-	3	Social	-
4	Social Networking	-	4	Music	V 1	4	Photography	-	4	Entertainment	1
5	Utilities	1	5	Education	-	5	Entertainment	-	5	Music & Audio	A 2
6	Productivity	1	6	Lifestyle	A 3	6	Social	-	6	Lifestyle	4
7	Lifestyle	▼ 2	7	Productivity	V 1	7	Productivity	A 2	7	Education	V 1
8	Shopping	N/A*	8	Books	V 1	8	Music & Audio	-	8	Tools	V 4
9	Music	V 1	9	Health and Fitness	A 3	9	Personalization	▼ 2	9	Health & Fitness	A 6
10	Education	V 1	10	Photo & Video	A 3	10	Shopping	<u> </u>	10	Sports	V 1

94 © App Annie 2017

^{*}Category marked as N/A since it was only available for a portion of 2015.

About App Annie

App Annie delivers the most trusted app data and insights for your business to succeed in the global app economy. Over 700,000 registered members rely on App Annie to better understand the app market, their businesses and the opportunities around them. The company is headquartered in San Francisco with 450 employees across 15 global offices. App Annie has received \$157 million in financing from investors such as e.ventures, Greenspring Associates, Greycroft Partners, IDG Capital Partners, Institutional Venture Partners and Sequoia Capital.

For more information, please visit <u>www.appannie.com</u>, check out our <u>Insights</u> and follow us on Twitter (<u>@AppAnnie</u>). To find out more about our products, visit our Market Data Intelligence, Store Stats and App Analytics tour pages. For the most current monthly rankings of apps and publishers, check out the <u>App Annie Index</u>. Report methodology and updates are available <u>here</u>.

