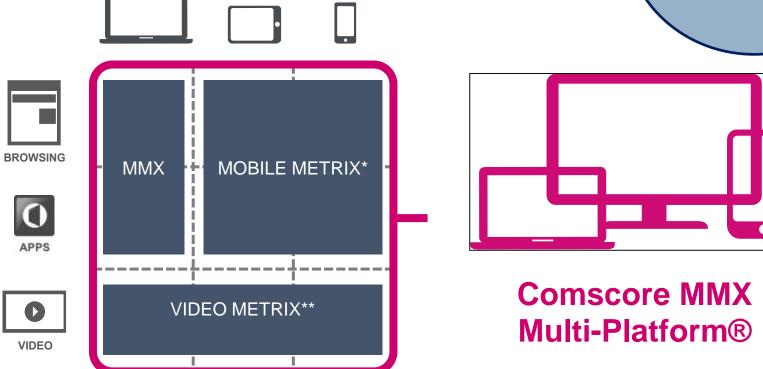
UK Digital Market Overview September 2019

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If you have any questions, please contact: <u>insights@ukom.uk.net</u>

A Guide to Data Sources

Total Digital Population = Unduplicated audience across MMX, Mobile Metrix and Video Metrix







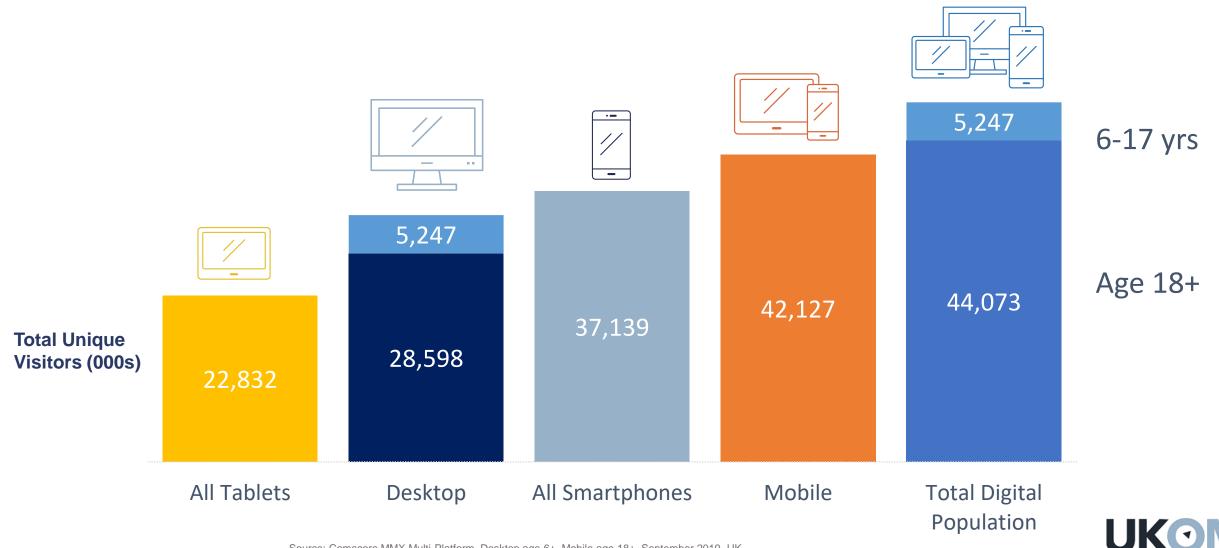
*Please note that we use the term mobile to refer to smartphone and tablet usage combined **MMX Multi-Platform does not yet include mobile and tablet video. This is separately available in VMX-MP



Usage by Platform



Breakdown of Digital Unique Visitors by Platform



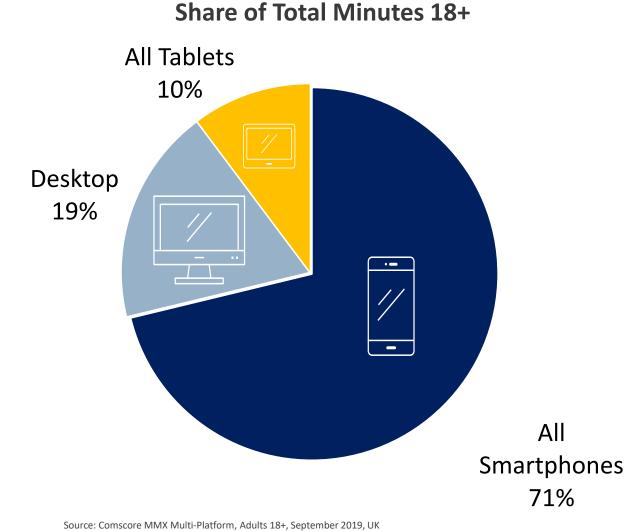


Source: Comscore MMX Multi-Platform, Desktop age 6+, Mobile age 18+, September 2019, UK.

MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps. Desktop refers to 'desktop, laptop and notebook. Total mobile refers to smartphone and tablet usage combined

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Share of Minutes by Platform Mobile Devices now account for **81%** of all adult online minutes



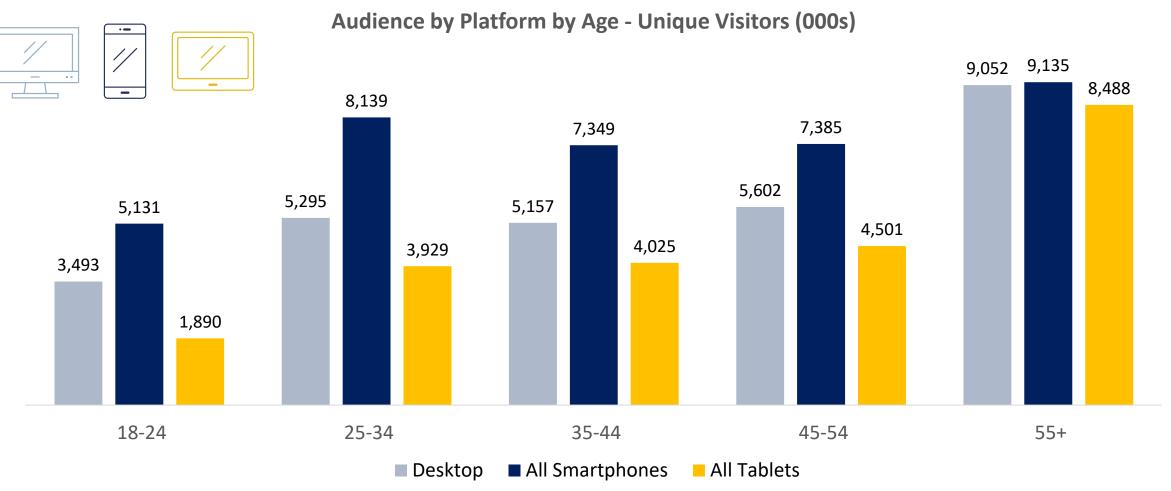
e comscore

MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps

*Desktop refers to 'Desktop, laptop and notebook. Total mobile refers to smartphone and tablet usage combined



Platform Unique Visitors by Age Smartphones have now overtaken desktops for the 55+ age group



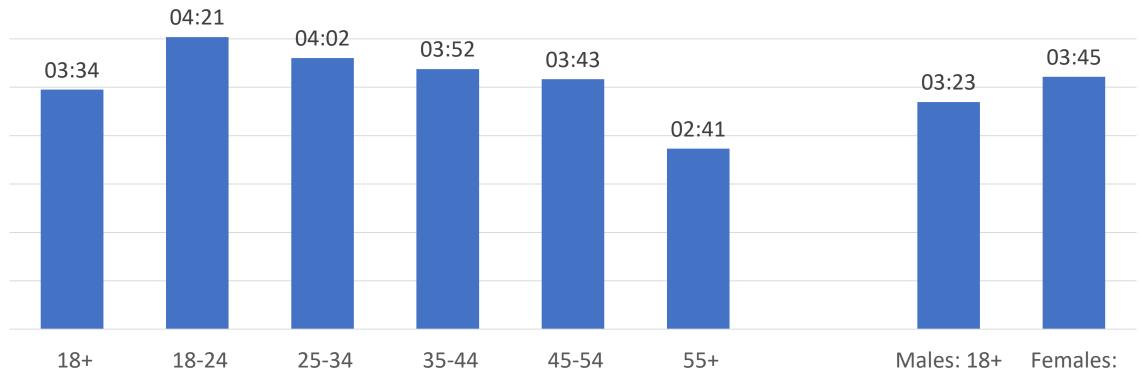
Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK





Average Time Spent Online Per Day by Age & Gender Average time spent online decreases with increasing age

Average Time Spent (Hrs:Mins) Per day by Age and Gender – Sept 2019



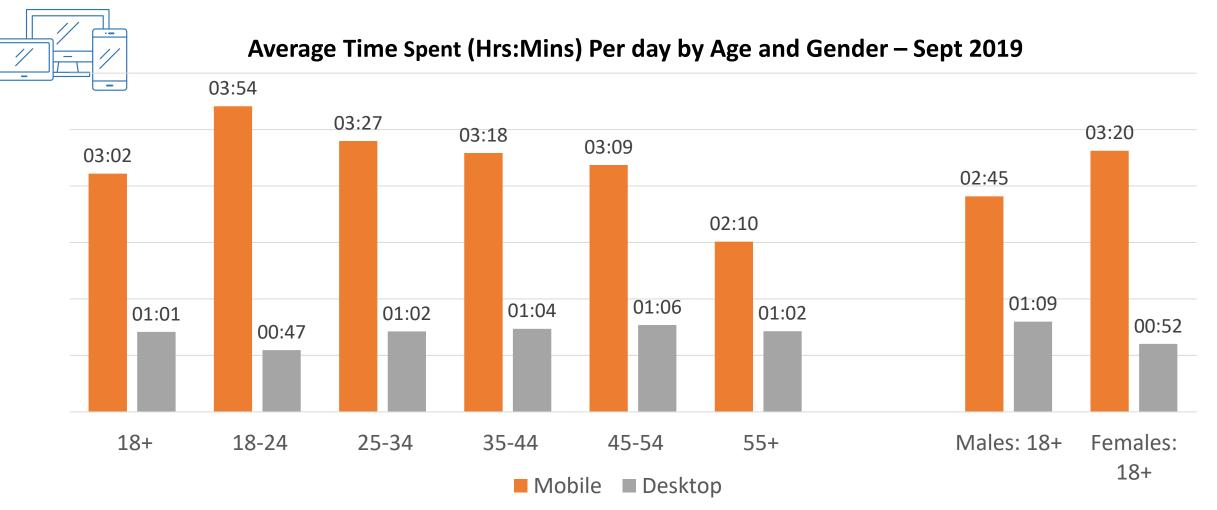
18+



Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK

comscore

Average Time Spent Online Per Day by Age & Gender Average time spent online decreases with increasing age

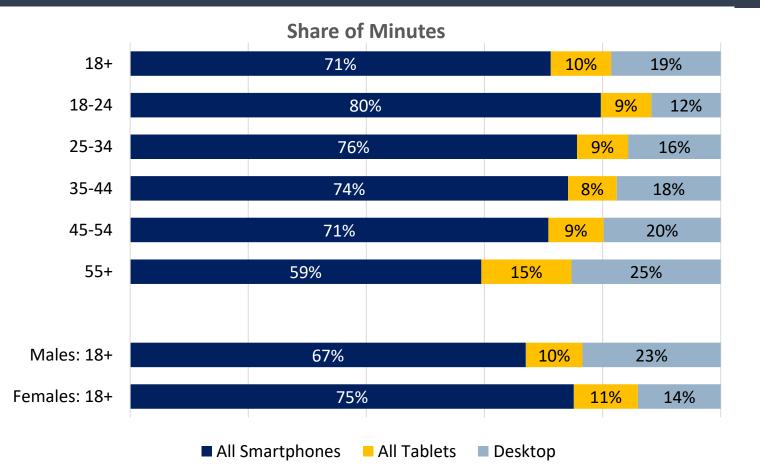




Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK

comscore

Platform Share of Minutes by Age & Gender Millennials & females spend greatest share of time on mobile devices



Smartphone share decreases with increasing age but 55+ have the greatest tablet share

Females 18+ spend 86% of their time online on mobile devices compared to only 77% for males.

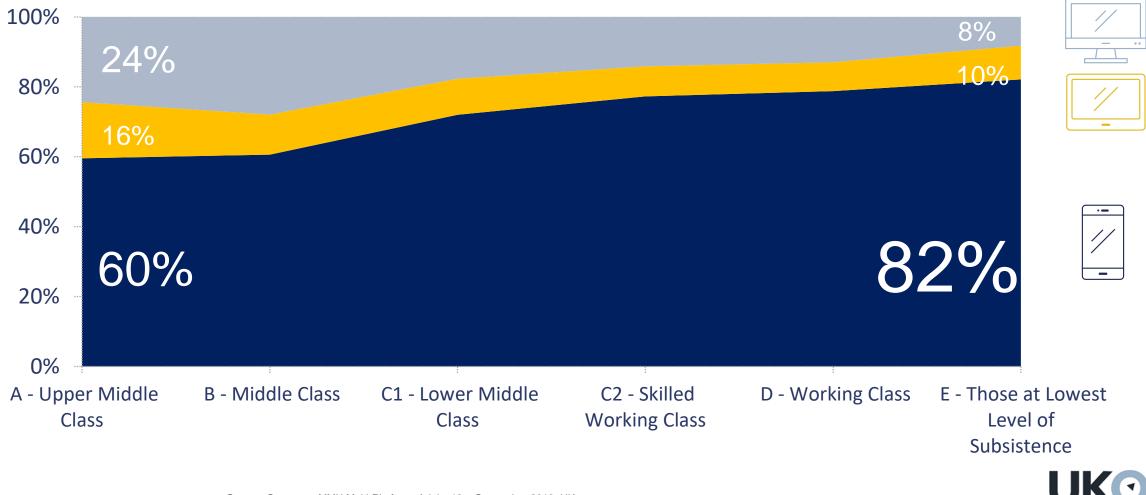


Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK



Platform Share of Time Online by Social Grade Smartphone share increases as social grade decreases

Platform Share of Minutes by Social Grade



Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK

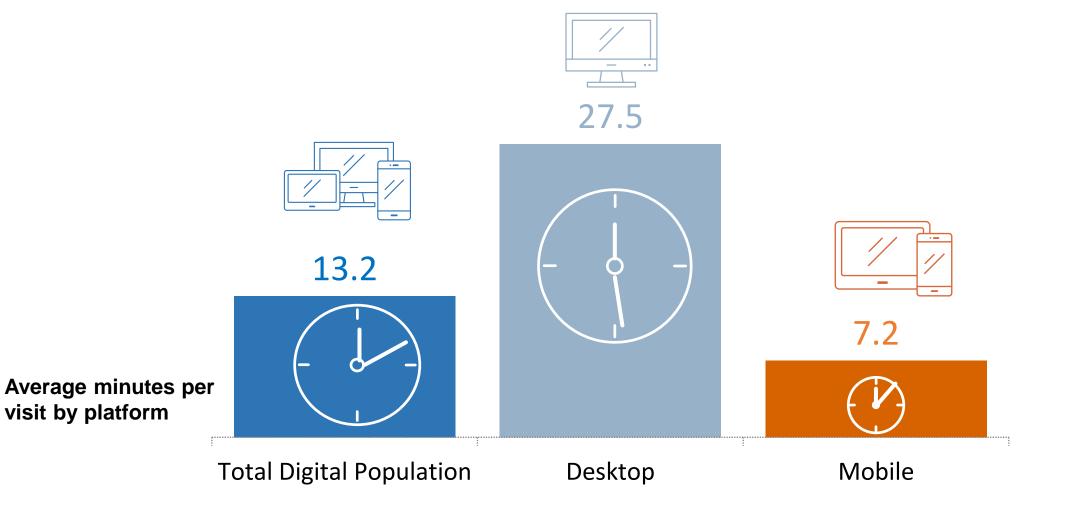
comscore

MMX Multi-Platform includes Desktop browsing, Desktop video streams, smartphone browsing & apps, tablet browsing & apps for tagged sites & apps.

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online audience measurement

Average Minutes per Visit by Platform Mobile visits are **shorter**





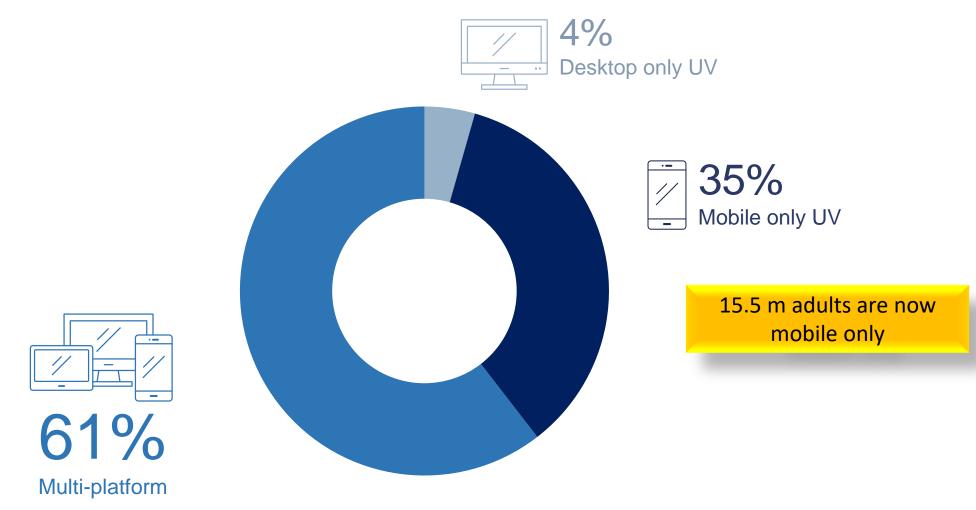
COMSCORE Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK



Multi-Platform Usage



Multi-Platform Usage Over a third of UK Adults are now Mobile Only



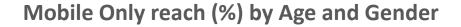
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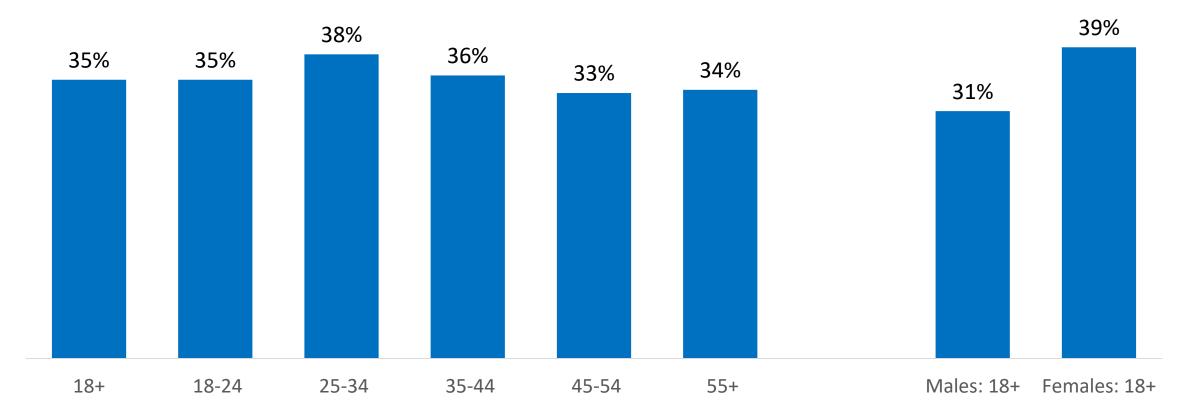




MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps. Total mobile refers to smartphone and tablet usage combined

'Mobile Only' Audience Reach by Age & Gender Females are more likely to be 'mobile only' than males





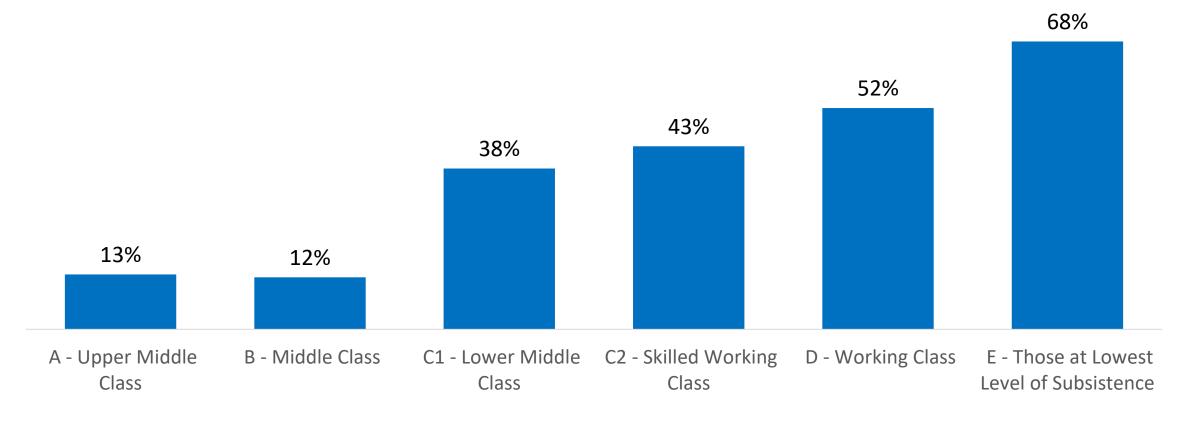


Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK

comscore

'Mobile Only' Audience Reach by Social grade Lower social grades are more likely to be 'Mobile Only'

Mobile Only Reach (%) by Social Grade





Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK

comscore



Top Properties: Total Digital Population



Top 20 Properties by 'Unique Visitors' - Total Digital Population Google reaches 98% of the UK Online population



Google Sites	48	
Facebook	43,554	
Microsoft Sites	42,274	
Amazon Sites	41,672	
BBC Sites	39,226	
Reach Group	39,078	
News UK Sites	35,139	
eBay	32,820	
Verizon Media	32,452	
Sky Sites	31,324	
Mail Online / Daily Mail	30,637	
PayPal	30,053	
Apple Inc.	27,322	
Wikimedia Foundation Sites	26,372	
Independent & ES (ESi Media)	25,831	
Twitter	25,062	
The Guardian	23,744	
TripAdvisor Inc.	23,279	
Snapchat, Inc	22,329	
Hearst	21,348	

Total Unique Visitors/Viewers (000s) = 48,385

48,503

Google's properties now reach 98.3% of the UK population

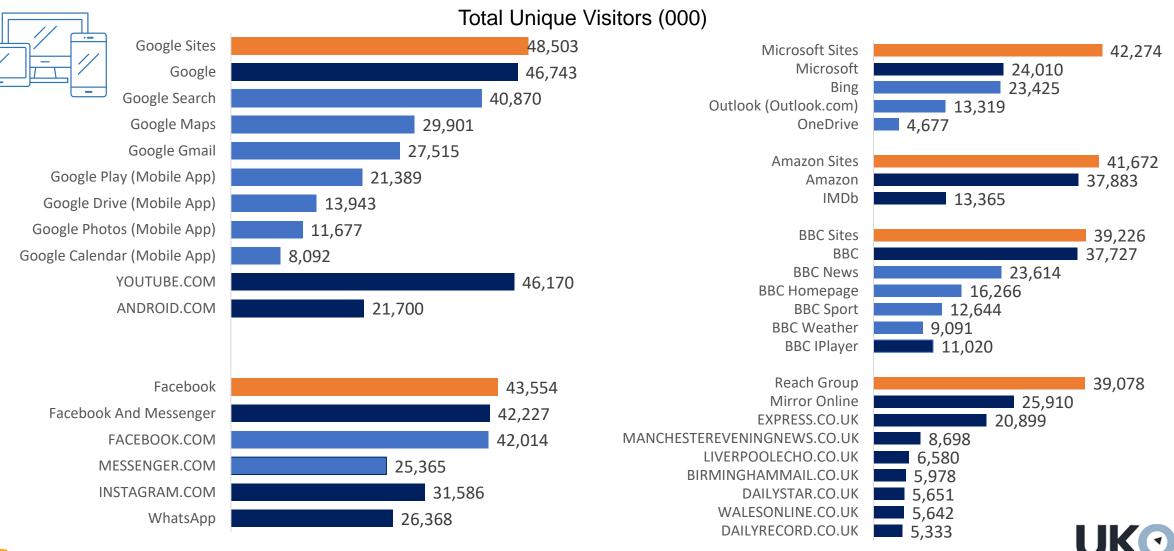




Source: Comscore MMX Multi-Platform, Desktop age 6+, Mobile age 18+, September 2019, UK MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps

Audience Breakdown of Top 6 Sites

YouTube alone reaches more than all Facebook properties combined





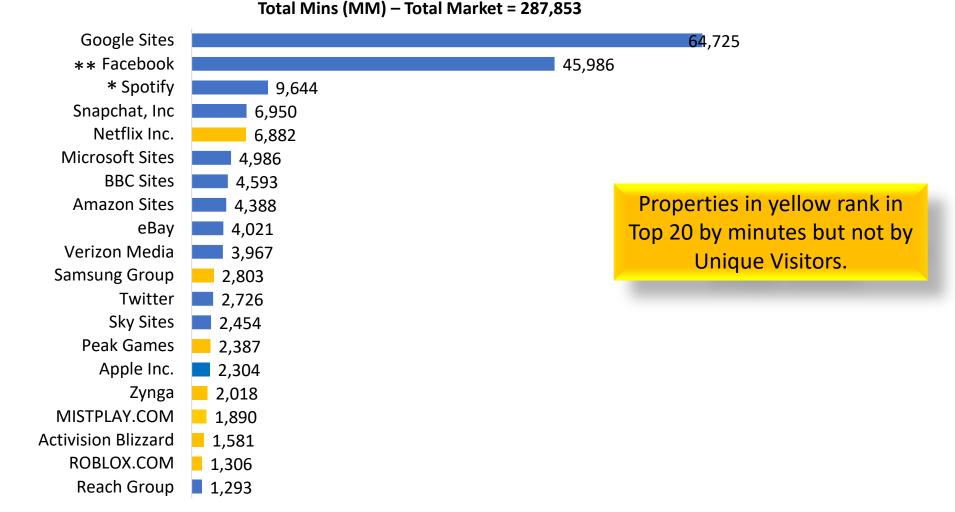
Source: Comscore MMX Multi-Platform, Desktop age 6+, Mobile age 18+, September 2019, UK MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps

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Top 20 Properties by 'Time Spent' – Total Digital Population Entertainment (games/music/TV) & social media properties drive minutes







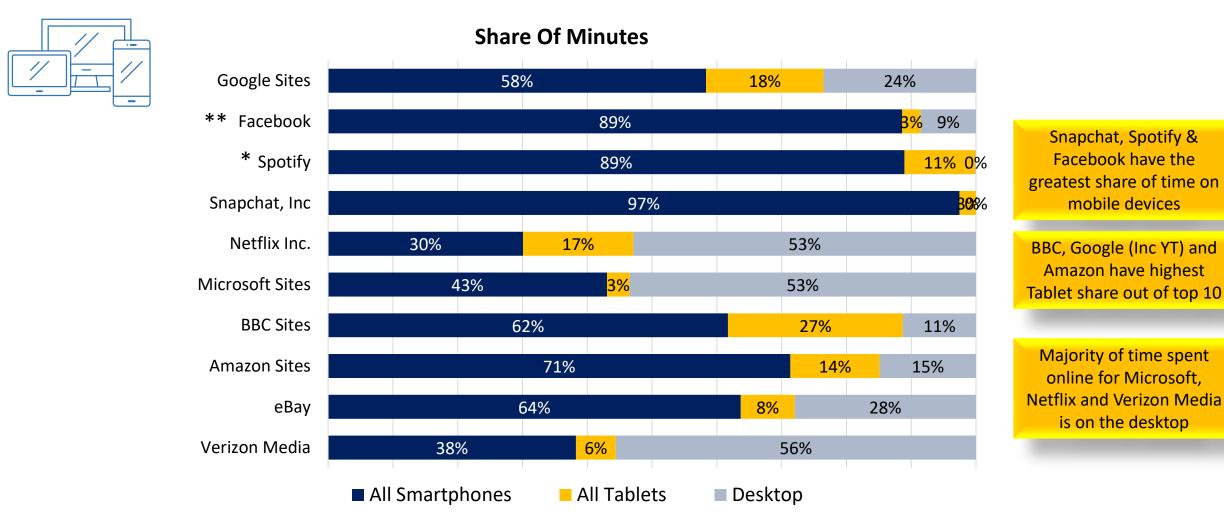
Source: Comscore MMX Multi-Platform, Desktop age 6+, Mobile age 18+, September 2019, UK MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps



Spotify duration was under-projected due to an app tagging issue that will be corrected in Q4 2019

* Duration for Instagram and Facebook may be overstated, numbers may be revised after this report is published

Share of <u>Adults'</u> Time Online by Platform for Top 10 'Time Spent' Properties Platform split is very different for the top 10



Source: Comscore MMX Multi-Platform, Age 18+, September 2019, UK MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps



Spotify duration was under-projected due to an app tagging issue that will be corrected in Q4 2019

Duration for Instagram and Facebook may be overstated, numbers may be revised after this report is published

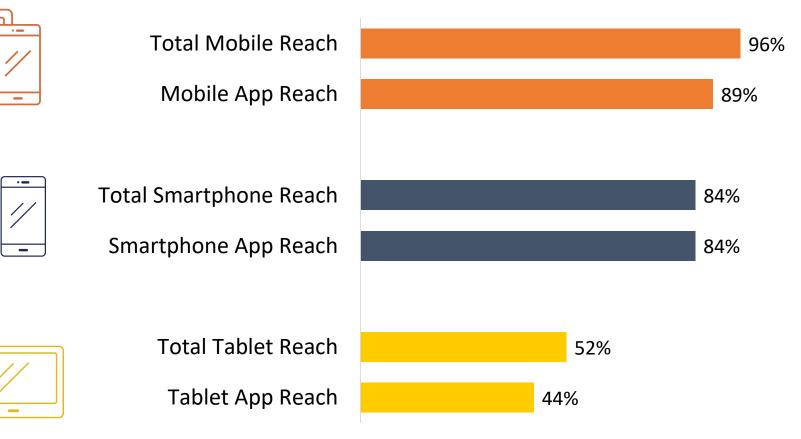




Mobile usage



Mobile Reach by Platform & Access 89% of the UK online adult population use mobile apps

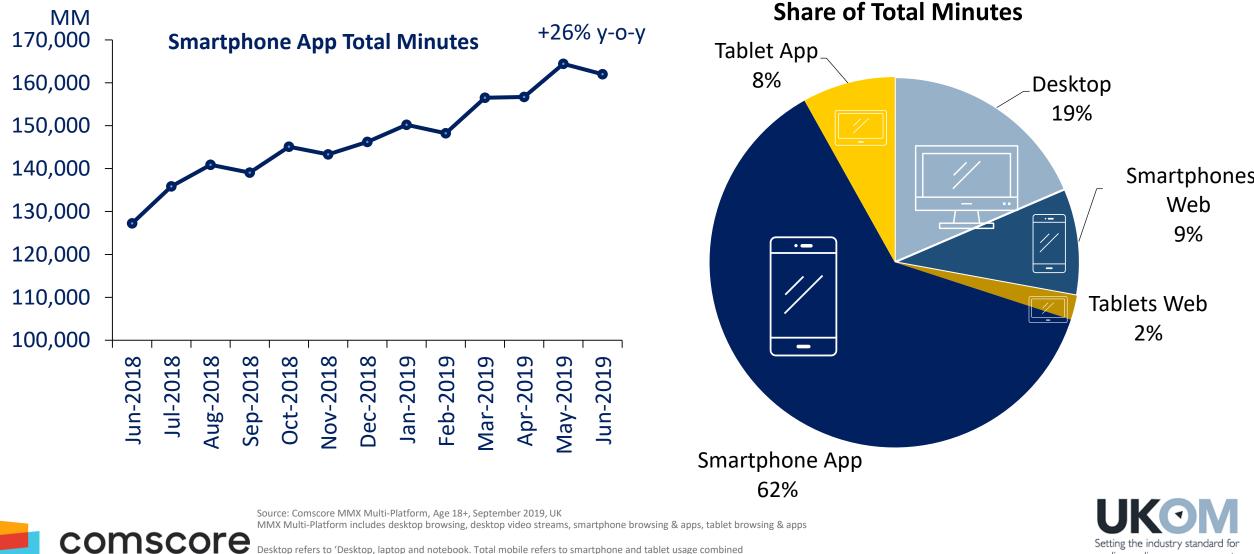


Reach of Online UK Population - Sep 2019, 18+





Minutes by Platform & Mobile Access Smartphone apps account for 59% of all Minutes



Desktop refers to 'Desktop, laptop and notebook. Total mobile refers to smartphone and tablet usage combined

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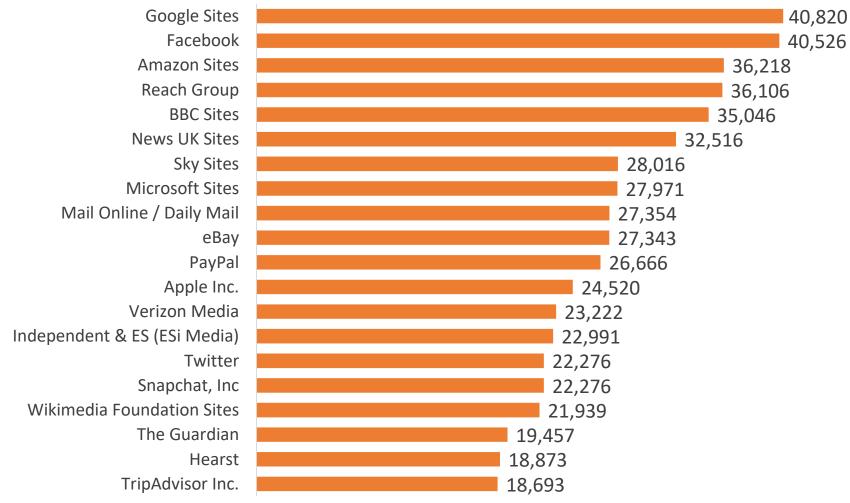
Top Properties: Mobile Population



Top 20 Mobile Properties ranked by Unique Visitors 42.1m adults accessed mobile content in Sep 2019 (via browser or app)



Total Unique Visitors/Viewers (000s) Total Mobile (18+) = 42,127

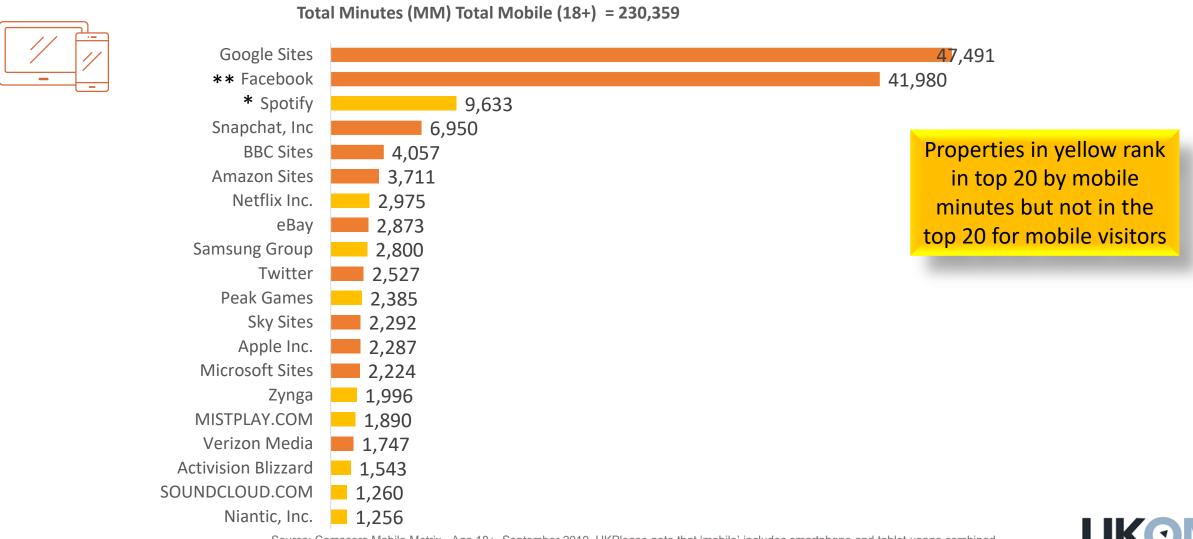






Source: Comscore Mobile Metrix, Age 18+. September 2019, UK Please note that 'mobile' includes smartphone and tablet usage combined

Top 20 Mobile Properties ranked by minutes Entertainment & Games sites more likely to feature in 'time online' top 20



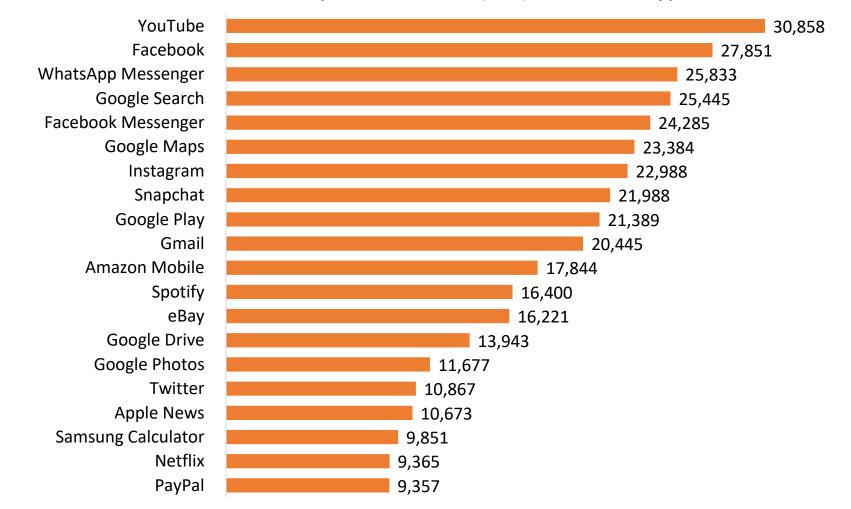


Source: Comscore Mobile Metrix, Age 18+. September 2019, UKPlease note that 'mobile' includes smartphone and tablet usage combined



Spotify duration was under-projected due to an app tagging issue that will be corrected in Q4 2019 Duration for Instagram and Facebook may be overstated, numbers may be revised after this report is published

Top 20 Mobile Apps (Tablet & Smartphone) ranked by Unique Visitors Global Brands dominate top 20 Apps

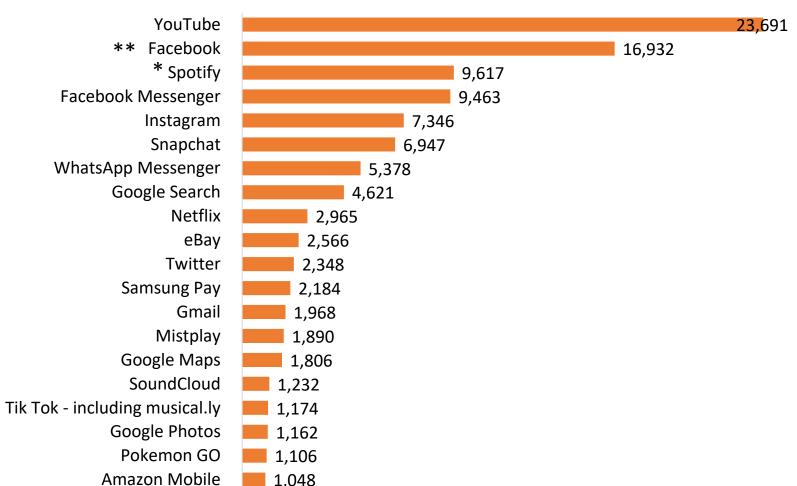


Total Unique Visitors/Viewers (000s) – Total Mobile App Users = 39.1m





Top 20 Mobile (Tablet & Smartphone) Apps ranked by Minutes Spotify & Netflix are in the top 10 for minutes spent on apps







Source: Comscore Mobile Metrix, Age 18+. September 2019, UK. Please note that 'mobile' includes smartphone and tablet usage combined



Spotify duration was under-projected due to an app tagging issue that will be corrected in Q4 2019

* Duration for Instagram and Facebook may be overstated, numbers may be revised after this report is published

Top 10 Mobile Apps by Unique Visitors split by Platform 9 of the top 10 apps are owned by Google or Facebook

Total Mobile Top 10		Smartphone		TabletTop 10	
	(Million)		(Million)		(Million)
YouTube	30.9	YouTube	27.2	Snapchat	6.5
Facebook	27.9	WhatsApp Messenger	25.7	Instagram	6.1
WhatsApp Messenger	25.8	Facebook	25.5	YouTube	5.7
Google Search	25.4	Google Search	23.8	Facebook	3.5
Facebook Messenger	24.3	 Facebook Messenger 	23.0	Netflix	2.3
Google Maps	23.4	Google Maps	22.3	Google Search	2.3
Instagram	23.0	Google Play	21.4	Spotify	2.2
Snapchat	22.0	Gmail	19.4	Apple News	2.1
Google Play	21.4	Instagram	19.2	Amazon Mobile	1.8
Gmail	20.4	Snapchat	17.3	Facebook Messenger	1.8

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Top 10 Mobile Apps by Minutes by Mobile Platform Spotify, Netflix & eBay enter the top 10 for Minutes

Total Mobile Top 10		Smartphone	·	TabletTop 10	
	(Billion)		(Billion)		(Billion)
YouTube	23.7	YouTube	16.1	YouTube	6.9
Facebook	16.9	Facebook	15.6	Google Search	1.1
* Spotify	9.6	Facebook Messenger	15.1	Netflix	1.1
Facebook Messenger	9.5	* Spotify	9.0	* Spotify	1.1
**Instagram	7.3	**Instagram	6.8	Facebook	0.4
Snapchat	6.9	Snapchat	5.0	BBC IPlayer	0.3
WhatsApp Messenger	5.4	WhatsApp Messenger	3.4	ITV Hub	0.3
Google Search	4.6	Google Search	3.3	YouTube Kids	0.3
Netflix	3.0	eBay	2.0	All 4	0.3
eBay	2.6	Samsung Pay	2.0	eBay	0.3

Source: Comscore Mobile Metrix, Age 18+. September 2019, UK. Please note that 'mobile' includes smartphone and tablet usage combined



COMSCORE • Spotify duration was under-projected due to an app tagging issue that will be corrected in Q4 2019

Duration for Instagram may be overstated, numbers may be revised after this report is published



Categories



Platform Share of Time Online by category Platform time is influenced heavily by content and service



Desktop total

Computer Software	83%
Auctions	75%
Government	59%
Education	58%
Entertainment - Movies	56%
Gaming Information	53%
Media	53%
Humor	52%
Automotive	51%
Insurance	49%
Investments	48%
Home Furnishings	47%
Technology News	46%
Green	45%
Politics	45%



Instant Messengers	99%
Consumer Electronics	96%
Gay/Lesbian	95%
Job Search	94%
Car Transportation	94%
Payments	93%
Coupons/Incentives	92%
Diet/Exercise/Fitness Tracker	91%
Maps/GPS/Traffic	90%
Teens	89%
Retail - Music	88%
Health	87%
Social Media	87%
Books	86%
Weather	84%

Tablet total

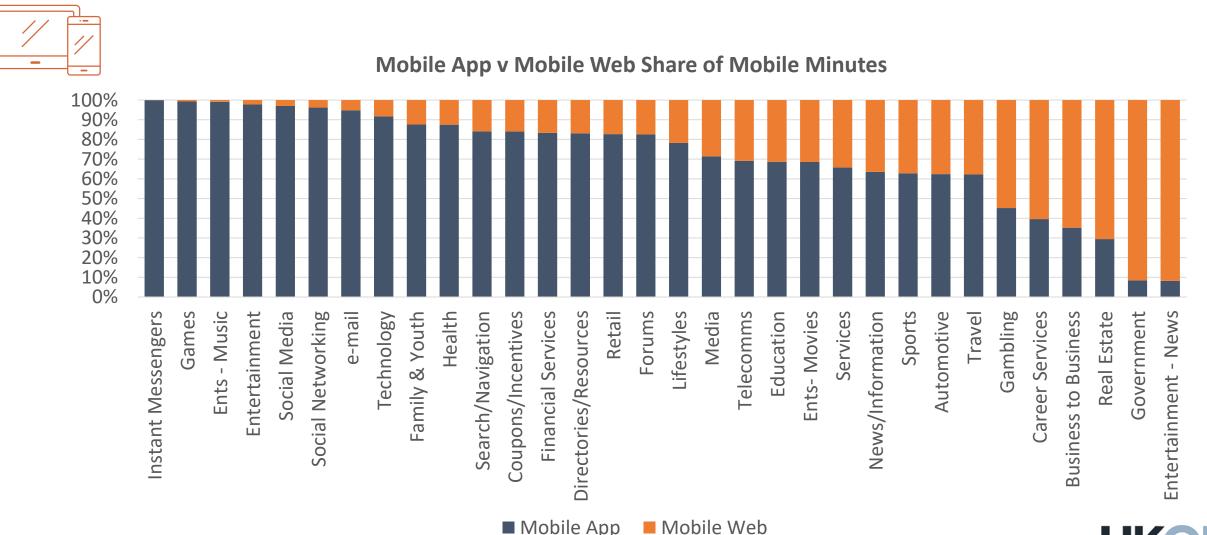
Kids	26%
General News	22%
Entertainment	21%
Family & Youth	20%
Search/Navigation	15%
Real Estate	15%
Forums/Message Boards	13%
Online Gaming	13%
Games	13%
Books	13%
Local News	13%
Hotel/Resort/Home Sharing	12%
Travel - Information	12%
Politics	12%
Sports	11%



Source: Comscore MMX Multi-Platform, Adults 18+, September 2019, UK



Share of Mobile Minutes by Access Type by Category Mobile App share of minutes varies by content & service





Source: Comscore Mobile Metrix, Age 18+. September 2019, UK Please note that 'mobile' includes smartphone and tablet usage combined

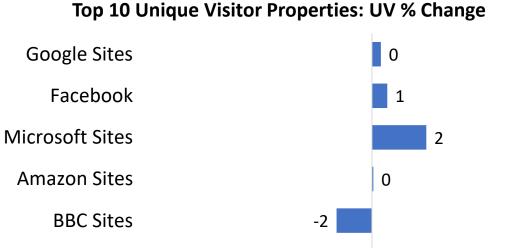


Key Changes: Sep 19 v Jun 19



% Change for Top Unique Visitor Properties: Sep 19 v Jun 19





BBC Sites -2 Reach Group -1 News UK Sites 2 eBay 0 Verizon Media -3 Sky Sites -2

Mail Online / Daily Mail

1

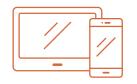
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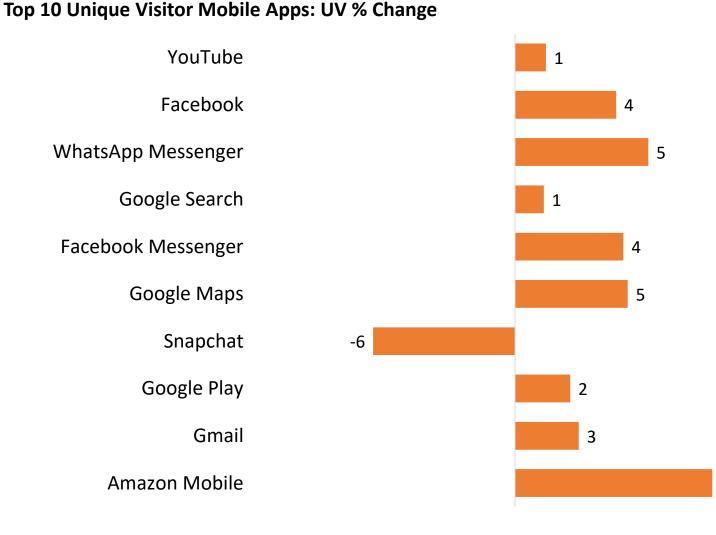
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Source: Comscore MMX Multi-Platform, Desktop 6+, Mobile 18+, September 2019 v June 2019 MMX Multi-Platform includes desktop browsing, desktop video streams, smartphone browsing & apps, tablet browsing & apps

% Change for Top Unique Visitor Mobile Apps: Sep 19 v Jun 19







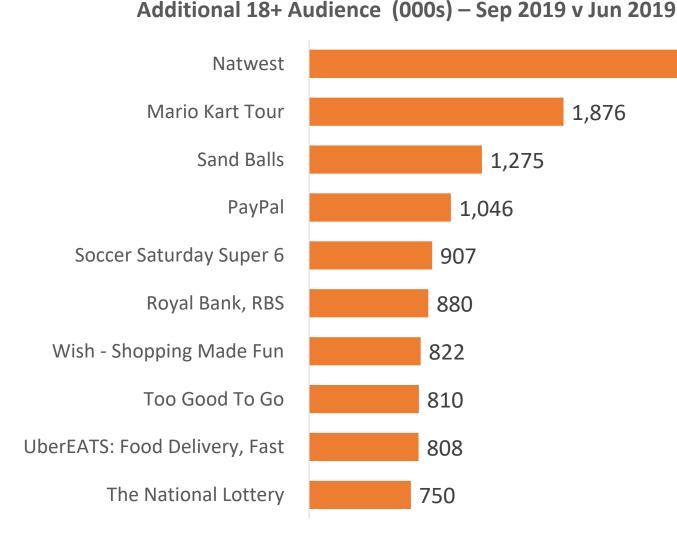
8

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Source: Comscore Mobile Metrix, Age 18+. September 2019 v June 2019, UK. Please note that 'mobile' includes smartphone and tablet usage combined

Mobile Apps outside the top 10 with high UV growth: Sep 2019 v Jun 2019





Nintendo's Mario Kart Tour, only released on 25th Sept 2019 had over 1.8m users by the end of the month

3,052





Questions?

Find out more at: http://www.ukom.uk.net/ Email us at: insights@ukom.uk.net



Methodology and Definitions

 This report utilises data from the Comscore suite of UKOM approved products, namely Comscore MMX, Comscore Video Metrix and Comscore MMX Multi-Platform, as well as Comscore Mobile Metrix which is pending UKOM approval.

Comscore MMX Multi-Platform[®]

Comscore MMX Multi-Platform [®] offers comprehensive reporting on more than 300,000 digital media entities, including their unduplicated audience size, demographic composition, engagement, performance within key user segments and behavioral trends. All of these metrics are measured across multiple digital media platforms, including desktop computers, smartphones and tablets, and content delivery vehicles, including websites, videos and apps. These platforms are unified using both panel- and census-based methods to deliver a holistic view of media companies' total digital populations. *For more information, please visit: <u>http://www.Comscore.com/Products/Audience-Analytics/Media-Metrix-Multi-Platform</u>*

Comscore MMX [®]The Comscore MMX [®] suite of syndicated products sets the standard for digital audience measurement and media planning. It is powered by Unified Digital Measurement[™], the measurement approach that bridges panel-based and website server-based metrics to account for browsing on PC. MMX delivers the accurate suite of audience metrics, providing valuable demographic measures, such as age, gender, household income and household size. MMX reports on more than 35,000 UK properties. For more information please visit:
 http://www.Comscore.com/Products/Audience_Analytics/MMX

Comscore Mobile Metrix [®]

Comscore Mobile Metrix [®] captures total mobile audience behaviour on browsers and apps across smartphones and tablets. With Mobile Metrix, publishers can demonstrate the value of their mobile audiences, while agencies and advertisers can strategically plan and buy digital advertising on mobile platforms to achieve their campaign objectives. *For more information, please visit:* <u>www.Comscore.com/Products/Audience-Analytics/Mobile-Metrix2</u>

• Comscore Video Metrix ®

Comscore Video Metrix [®] provides transparent, end-to-end video measurement and uses robust duration measurement to reveal engaged time spent viewing online video, along with the unique ability to Separate advertising and content. *For more information, please visit:* <u>http://www.Comscore.com/Products/Audience_Analytics/Video_Metrix</u>

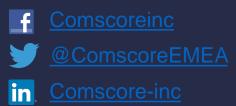




About Comscore

Comscore (NASDAQ: SCOR) is the trusted partner for planning, transacting and evaluating media across platforms. With a data footprint that combines digital, linear TV, over-the-top and theatrical viewership intelligence with advanced audience insights, Comscore allows media buyers and sellers to quantify their multiscreen behavior and make business decisions with confidence. A proven leader in measuring digital and set-top box audiences and advertising at scale, Comscore is the industry's emerging, third-party source for reliable and comprehensive cross-platform measurement. To learn more about Comscore, please visit <u>www.Comscore.com</u>

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About UKOM

UKOM's objective is to set and oversee the delivery of a credible industry standard for digital audience measurement. That means quantifying audiences in terms of people, not browsers or machines.

UKOM's governance structure involves all sides of the industry, to ensure that Comscore services meet our collective needs fully and fairly.

The whole UK media industry is involved in setting and overseeing UKOM standards through its Technical and Commercial Committees, and the UKOM Board.

UKOM and Comscore work to an agreed process for product approval, from agreeing concepts, to approved data publication, and continuous assessment.

Find out more at: www.ukom.uk.net/

