

Your Presenters

Eduardo Mena



Research Director lpsos

Matt Patchett



Insight Lead Ipsos iris



Your Presenters

Eduardo Mena



Research Director lpsos

GameTrack

Total understanding of the video game market

- Cross-European survey on video gaming habits.
- Covers consoles/portables, PCs, and mobile devices.
- Ages 6-64 population.
- Ran on behalf of the Video Games trade body for EU since 2011.





Your Presenters

Matt Patchett



Insight Lead Ipsos iris

Ipsos iris

Total understanding of online audiences

- Passive panel of 10,000+ people and site-centric measurement.
- Covers PCs and mobile devices.
- Rich audience data.
- Industry endorsed, by UKOM in the UK.





MOBILE GAMING IS HAVING A MOMENT



Brands are realising gaming's potential



Investment



Diversification



Partnerships

REASONS YOU SHOULD INVEST IN MOBILE GAMING

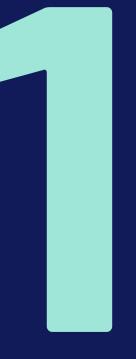


IMPORTANCE TO THE GAMING ECOSYSTEM IT'S GROWING ACROSS AUDIENCES IT'S A HIGH ENGAGEMENT MEDIUM MOBILE GAMERS ARE AN ACTIVE AUDIENCE IT OFFERS TARGETED GAMING AUDIENCES





MOBILE HAS CHANGED THE GAME





51%

of 6-64 UK population play video games on any device.

This now equates to c26m gamers

% 6-64 people who play video games UK - % play on any device









61% 36m

60% 29m

56%

20m

31%

13m

B1b. Which, if any, of the following devices do you play OFFICIAL games on, even if just occasionally?

Base: All 6-64 respondents (n=c.3,000 per quarter per country)

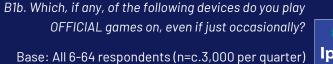


Reach of playing video games has increased overtime to become a mainstream activity

Evolution of playing video games UK - % play on any device

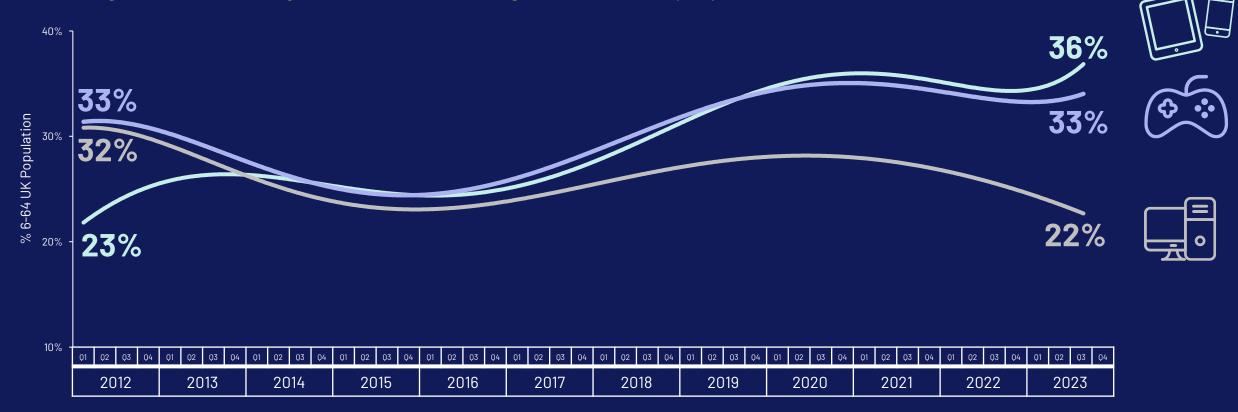




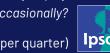


Incidence of mobile app gaming has increased overtime, driving a new audience into gaming

Gaming incidence by device - Amongst 6-64 UK population





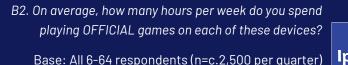


Overall gaming time has been widely stable for the last 12 years – meaning a sustained engaged audience

Gaming time (hrs/week) - play video games across devices





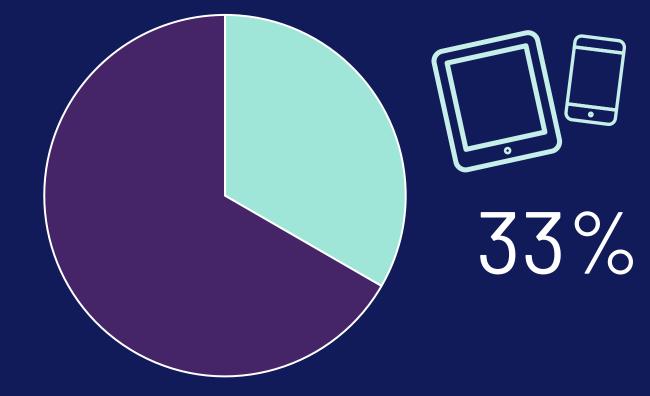


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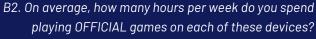
With mobile gaming now driving a third of this overall gaming time

Percentage gaming time on mobile app devices

18% in 2012

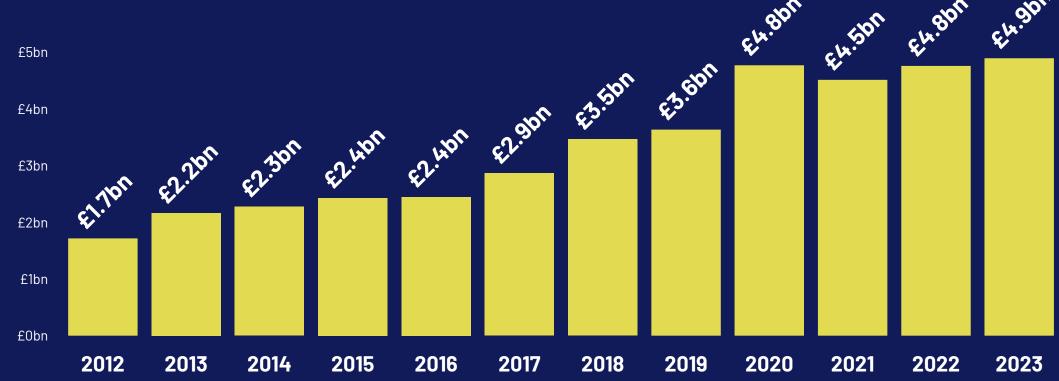




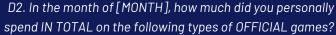


Revenue from video game sales has steadily increased overtime

Estimated yearly revenue - Video game sales





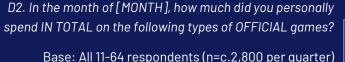


With mobile app gaming driving growth and now accounting for £2bn from 2023 video game revenue

Estimated yearly revenue - Mobile app sales



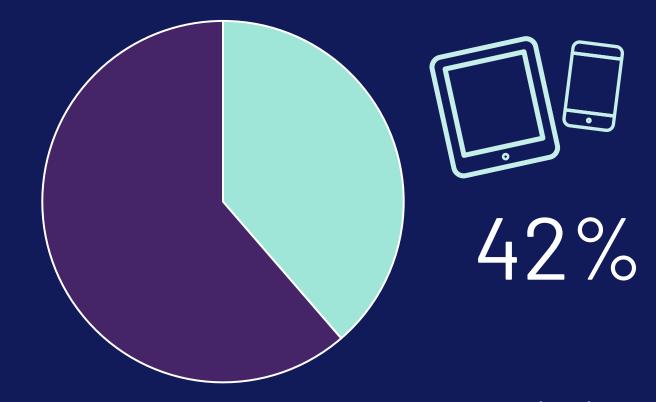




Mobile app gaming drives 42% of video game revenue during 2023

Estimated revenue - Mobile app games

11% in 2012







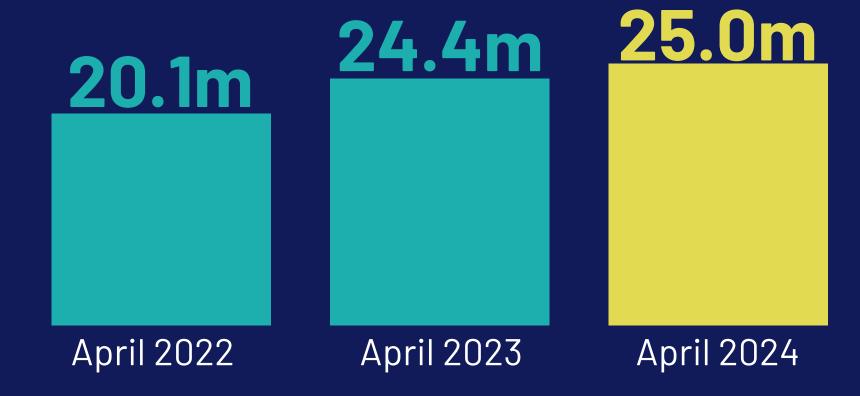
MOBILE HAS CHANGED THE GAMER





The mobile gaming audience has grown

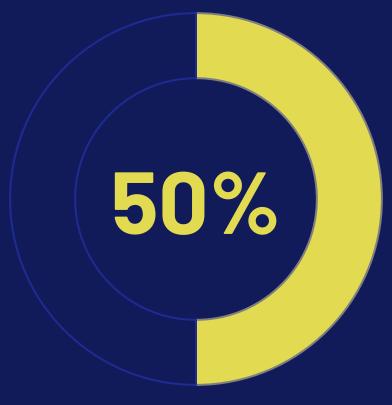
Audience size of mobile gaming - April 2024







Half of internet users are mobile gamers



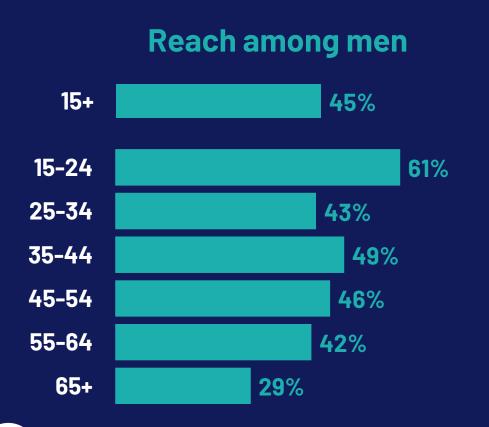
25 million people

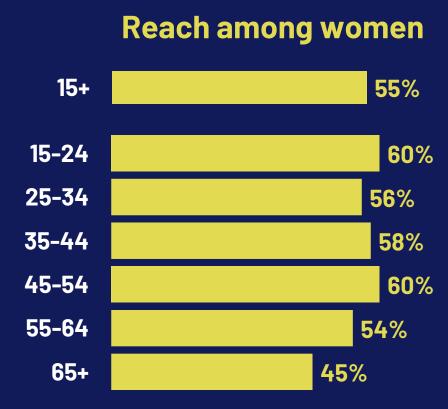




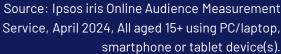
But there's no such thing as a (typical) mobile gamer any more

Audience reach for mobile gaming - April 2024





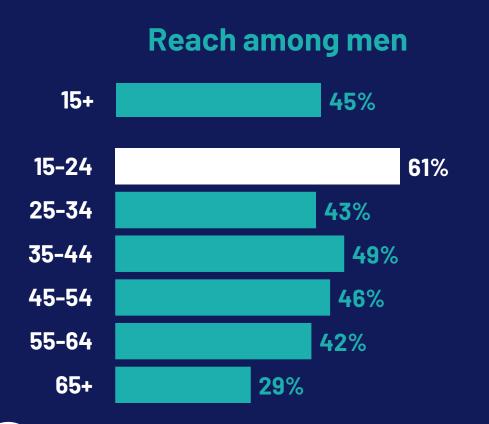


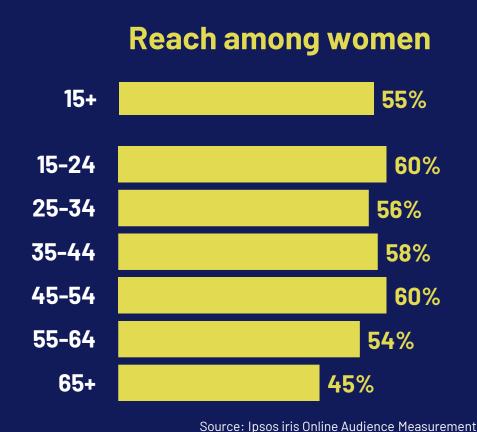


Ipsos

Mobile gaming is still great for reaching young men...

Audience reach for mobile gaming - April 2024



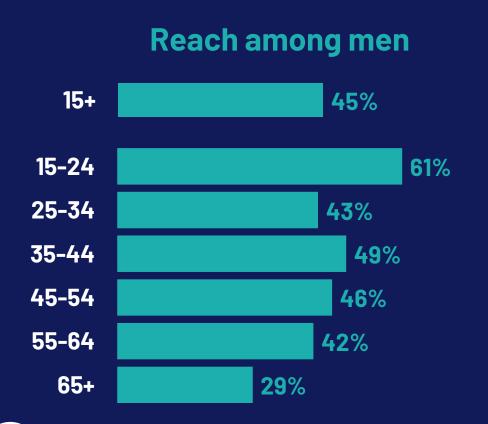


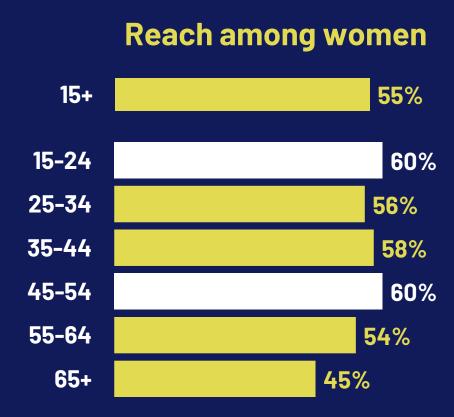




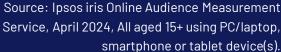
But has greatly broadened the reach of gaming

Audience reach for mobile gaming - April 2024









Ipsos

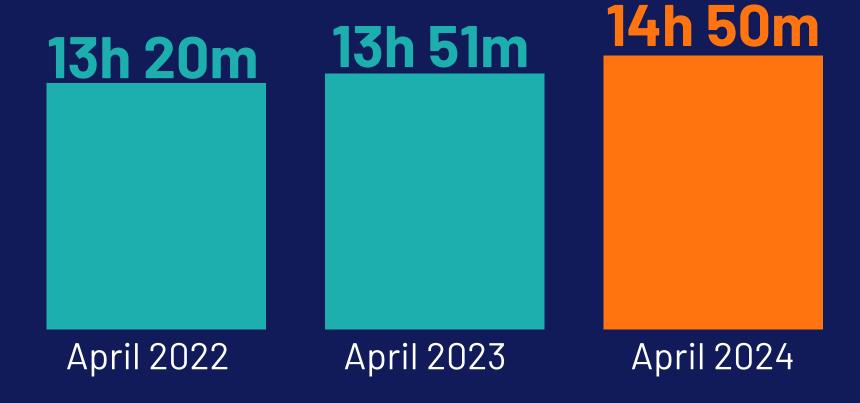
ENGAGEMENT





Time spent per person has also risen to a new peak

Average time spent mobile gaming per person - April 2024







Women spend 40% longer playing mobile games

Average time spent mobile gaming per person - April 2024

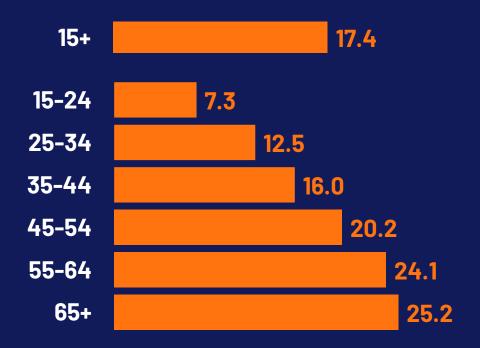
Hours per month - Men 15+ 11.7 15-24 7.1 25-34 8.7 35-44 13.0

13.1

15.4

15.4







45-54

55-64

65+



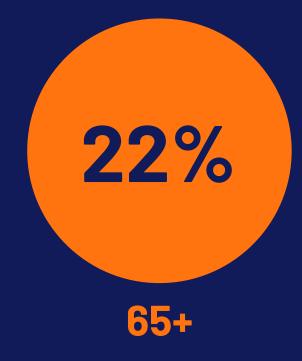
lpsos

Older gamers also deliver frequency

% mobile gamers accessing mobile games every day - April 2024









28

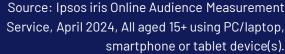
Across the same number of games a month

Average number of mobile games played per gamer - April 2024







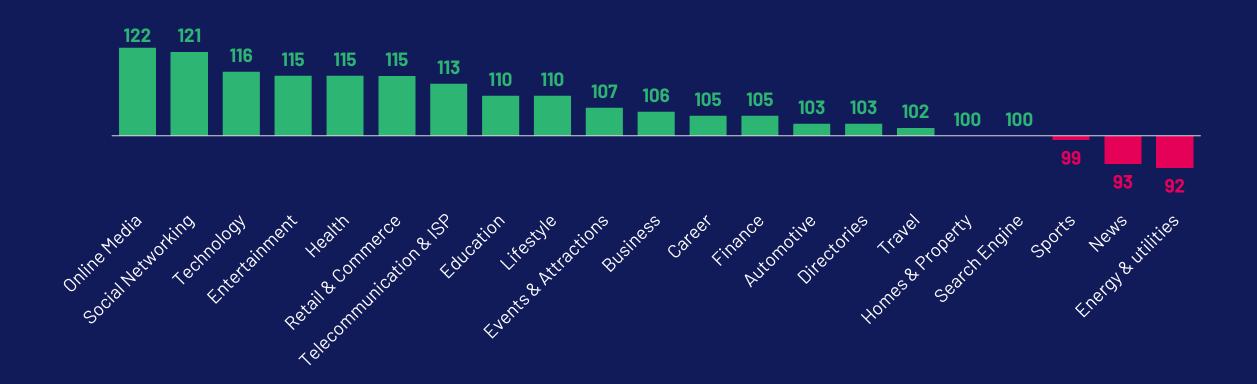


GAMERS GET HIGH SCORES

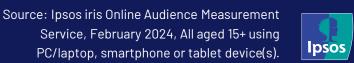


Mobile gamers get high scores for heavy visitation

Heavy visitors: mobile gamers index vs total internet population – April 2024

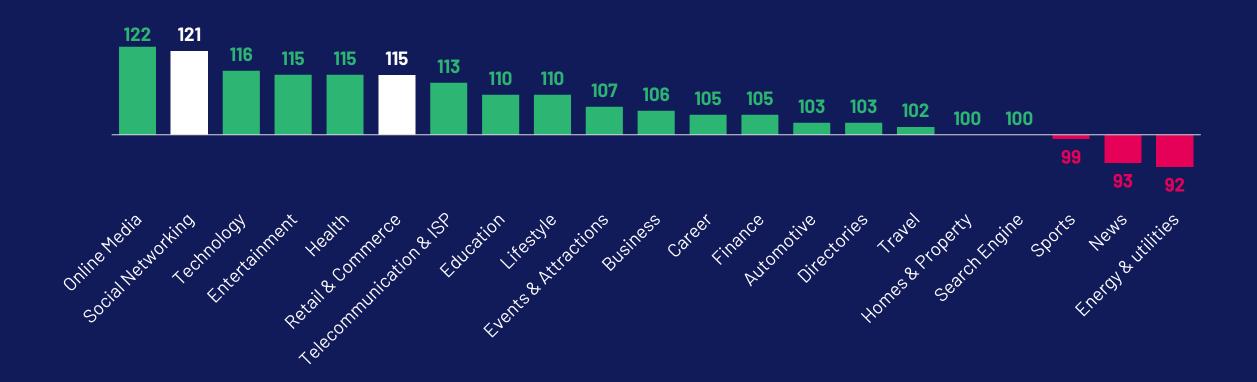




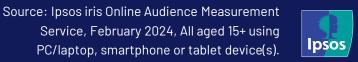


We're going to focus on two categories

Heavy visitors: mobile gamers index vs total internet population – April 2024







Mobile gamers spend longer on retail sites...

Time spent on retail sites and apps – April 2024





Non-mobile gamers





...and visit more retail brands

Average number of retail brands visited - April 2024





Non-mobile gamers





And are much more likely to visit some major retailers

Top 5 online retail brands* mobile gamers are most likely to visit vs total internet population in each age band – April 2024

15-24 year old mobile gamers



65+ year old mobile gamers





Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15+ using PC/laptop, smartphone or tablet device(s).

Mobile gamers also spend MUCH longer on social media

Time spent on social media sites - April 2024





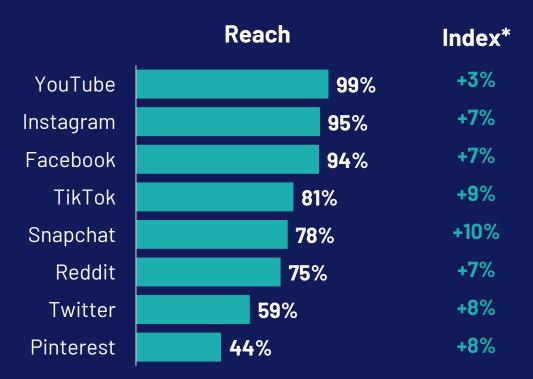
Non-mobile gamers



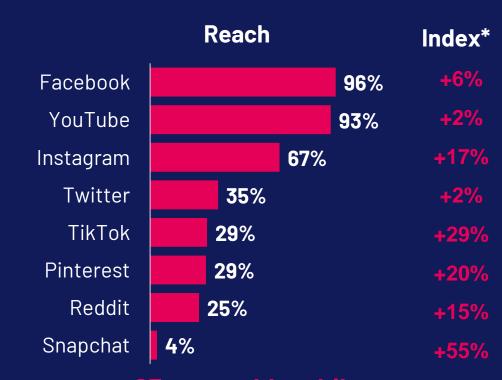


And are more likely to visit the biggest social media brands

Audience reach and audience affinity index - April 2024



15-24 year old mobile gamers



65+ year old mobile gamers

Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15+ using PC/laptop, smartphone or tablet device(s).

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PICK YOUR PLAYERS





There's no overlap in top games between age groups

Top 5 mobile games by reach - April 2024

15-24

| | Game | Reach |
|---|----------------|-------|
| 1 | Roblox | 9% |
| 2 | Pokémon Go | 7% |
| 3 | Clash of Clans | 5% |
| 4 | 8 Ball Pool | 4% |
| 5 | Dominoes | 4% |

65+

| | Game | Reach |
|---|---------------------------|-------|
| 1 | Solitaire - Grand Harvest | 5% |
| 2 | Candy Crush Saga | 5% |
| 3 | Wordscapes | 3% |
| 4 | Royal Match | 3% |
| 5 | Solitaire (Mobilityware) | 3% |



We're going to focus on the top three games for 15-24s

Top 5 mobile games by reach

15-24

| | Game | Reach |
|---|----------------|-------|
| 1 | Roblox | 9% |
| 2 | Pokémon Go | 7% |
| 3 | Clash of Clans | 5% |
| 4 | 8 Ball Pool | 4% |
| 5 | Dominoes | 4% |

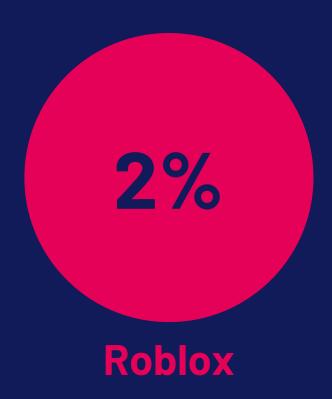
65+

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| 1 | Solitaire - Grand Harvest | 5% |
| 2 | Candy Crush Saga | 5% |
| 3 | Wordscapes | 3% |
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| 5 | Solitaire (Mobilityware) | 3% |



Young Pokémon Go players are most likely to play every day

% of 15-24 year old players playing every day





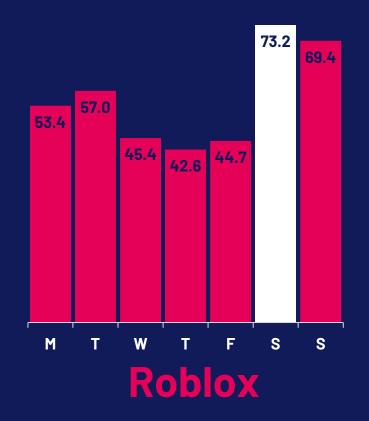


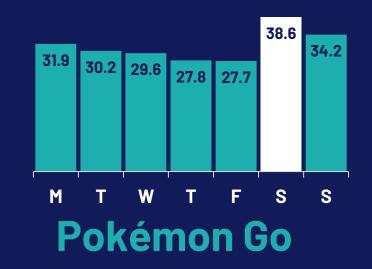
Source: Ipsos iris Online Audience Measurement PC/laptop, smartphone or tablet device(s).

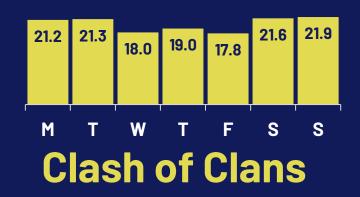


When they play, Roblox players are the most engaged

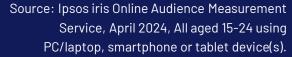
Average minutes per day* per player aged 15-24







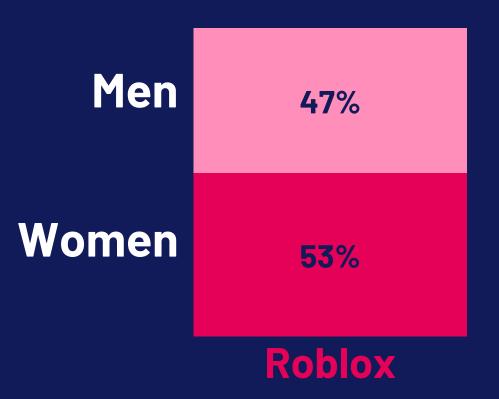


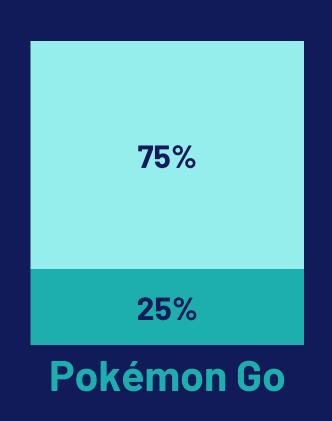


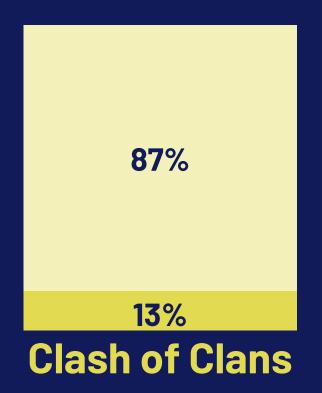


While all games have young audiences, profiles vary

Audience % among players aged 15-24









Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15-24 using PC/laptop, smartphone or tablet device(s).



While all games have young audiences, profiles vary

Audience % among 15-24 year old players (All internet 15-24 = 11%)



21%

Pokémon Go

6%

Clash of Clans

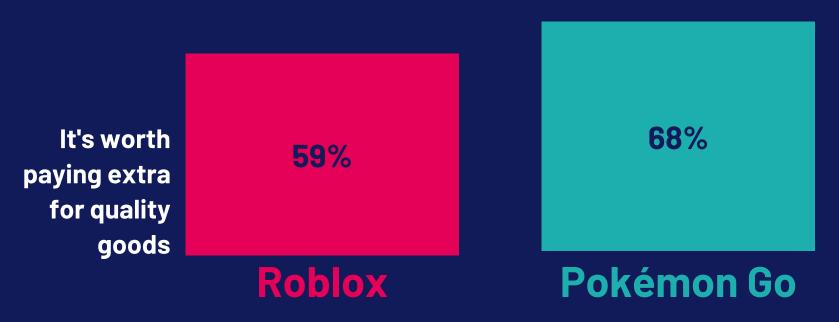
Ipsos

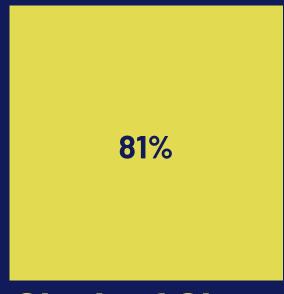
UKOM

Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15-24 using PC/laptop, smartphone or tablet device(s).

Understanding attitudes can enhance targetting

% players agree/strongly agree (All internet 15-24 = 66%)









Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15-24 using PC/laptop, smartphone or tablet device(s).



Understanding attitudes can enhance targetting

% players agree/strongly agree (All internet 15-24 = 14%)



11%

Clash of Clans

Ipsos



Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15+ using PC/laptop, smartphone or tablet device(s).

Different profiles and attitudes mean different affinities

Highest affinity index for 15-24 year old players for top 50 online retailers*

| | Roblox | | Pokémon | Go | Clash of Cl | ans |
|---|------------|-----|---------|-----|-------------|-----|
| 1 | Co-op Food | 201 | Costa | 206 | IKEA | 220 |
| 2 | Next | 178 | Argos | 201 | Argos | 204 |
| 3 | AliExpress | 175 | lceland | 191 | Samsung | 178 |





Understanding the audience will unlock its value

- Play irregularly
- Weekend players
- Skew female
- Less interested in high quality or designer goods

- Play more regularly
- Weekend players
- Skew male & LGB+
- Like designer clothes

- Play semi-regularly
- No day favoured
- Very male
- Favour high quality goods

Roblox

Pokémon Go

Clash of Clans





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1. MOBILE HAS CHANGED THE GAME IT'S DRIVING NEW REVENUE STREAMS FOR GAMING

- 2. MOBILE HAS CHANGED THE GAMER
 IT'S UNLOCKING OPPORTUNITIES FOR GROWTH ACROSS AUDIENCES
- 3. PUTTING THE GAME INTO ENGAGEMENT IT'S A HIGH-DISTRACTION WORLD
- 4. GAMERS GET HIGH SCORES
 A MORE ACTIVE AUDIENCE = MORE OPPORTUNITIES TO CONVERT
- 5. PICK YOUR PLAYERS
 IT'S THE PERFECT CHANNEL FOR TARGETED PLANNING





APPENDIX & TABLES



DATA TABLES



List of mobile app games included in April 2024

2048

2 Player games: the Challenge

2248 Puzzle 8 Ball Pool

Alice's Mergeland

Among Us

Angry Birds 2

Animal Kingdom: Coin Raid

Ant Legion: For The Swarm

Apple News

Art Puzzle - Picture Puzzles & Free Art Games

Best Fiends - Match 3 Puzzles

Bingo Blitz

Bingo Cash BitLife

Block Blast Adventure Master

Blockudoku Boom Beach

Brain Test: Tricky Puzzles

Brawl Stars

Bricks n Balls

Bridge Race

Bubble Clash

Bubble Pop! Cannon Shooter **Bubble Shooter Rainbow**

Bubble Witch 3 Saga

Bus Jam

Cake Sort - Color Puzzle Game

Call of Duty

Call of Duty Companion

Call of Duty®: Warzone Mobile

Candy Crush Friends Saga Candy Crush Jelly Saga

Candy Crush Saga

Candy Crush Soda Saga

Car Escape 3D

Cash Giraffe - Play and earn Cheebies Playtime Island

Chess - Play and Learn

Clash of Clans Clash Royale

Clockmaker - Amazing Match 3

Coca-Cola

CodyCross: Crossword Puzzles

COIN

Coin Dozer: Sweepstakes

Coin Master Cookie Jam

Cooking Fever: Restaurant Game Count Masters - Stickman Clash

Cross Logic: Smart Puzzle Game Crossmath - Math Puzzle Games

Crossword Jam

Crossword Puzzle Redstone

Cryptogram Letters and Numbers CSR 2 Realistic Drag Racing

D&D Bevond

Daily Themed Crossword

Design Home: Real Home Décor

Dice Dreams

Dice Words - Fun Word Game

Disney Emoji Blitz Domino Dreams™

Dominoes - Classic Edition Doomsday: Last Survivors

Dragonscapes Adventure EA SPORTS™ FIFA 23 Companion

Eatventure

Elevate - Brain Training Games

Empires & Puzzles: Match-3 RPG

EverMerae

Evony: The King's Return

Fallout Shelter

Family Island - Farming game

Farm Heroes Saga FarmVille 3 - Animals

FIFA Soccer

Figgerits - Word Puzzle Game

Fishdom

Found It! Hidden Objects Game.

FreeCell Solitaire Gardenscapes

Genshin Impact Get Color - Water Sort Puzzle

Going Balls **Gold And Goblins**

Golf Clash Goods Master 3D

Goods Sort - Sorting Games

Google Play Games

Gossip Harbor®: Merge & Story Gummy Drop!

Harry Potter: Puzzles & Spells

Hay Day Hexa Sort

Hey Color Paint by Number Art Hogwarts Mystery

Hole.io

Homescapes

Jigsaw Puzzles - puzzle games Jigsaw Puzzles HD Puzzle Games June's Journey: Hidden Objects

JustPlay - Earn or Donate Killer Sudoku - Sudoku Puzzle

Klondike Adventures

Legend of Slime: Idle RPG War

Lords Mobile: Tower Defense Love & Pies - Merge Lumosity: Brain Training

Magic Tiles 3

Magicabin: Witch's Adventure Mahiong Club - Solitaire Game

Mahjong Solitaire

Mario Kart Tour Match 3D - Matching Puzzle Game

Match Factory!

Match Masters

Merge Cooking: Theme Restaurant

Merge Dragons! Merge Gardens

Merge Inn - Tasty Match Puzzle

Merge Mansion

Merge Mayor - Match Puzzle Merge Studio: Fashion Makeover

Mergeland-Alice's Adventure Microsoft Solitaire Collection

Minecraft Mob Control

MONEY CASH - Play Games & Earn

MONOPOLY GO! My Perfect Hotel Nintendo Switch Online Nonogram.com - picture cross Number Match - number games **Oculus**

Paint by Number Coloring Games

Paper.io 2

Parking Jam 3D Peak - Brain Training

Pet Rescue Saga Phase 10: World Tour

Pizza Ready!

Plants vs Zombies™ 2

Playdoku: Block Puzzle Games PLAYTIME - Earn Money Playing

Pocket7Games: Win Cash

Pokemon GO Project Makeover

Pull the Pin Puzzle Page - Daily Puzzles! Puzzledom - puzzles all in on

RAID: Shadow Legends Rewarded Play: Earn Gift Cards

Roblox

Roval Kingdom Royal Match Scavenger Hunt

Scrabble

Screw Puzzle: Wood Nut & Bolt

Search

Seaside Escape: Merge & Story Seekers Notes: Hidden Mystery

Sniper 3D Solitaire

Solitaire - Card Game (Playvalve) Solitaire - Classic Card Games

Solitaire - Grand Harvest Solitaire (Mobilityware)

Solitaire Classic Card Games Solitaire Cash

Solitaire TriPeaks Card Games

Solitaire Verse Spider Solitaire

Star Trek Fleet Command Star Wars- Galaxy of Heroes

Steam Stumble Guys Subway Surfers

Sudoku - Classic Sudoku Puzzle

Sudoku - Free Classic Sudoku Puzzles

Sudoku (genina.com) Sudoku.com - classic sudoku

Sunshine Island Swagbucks Trivia

Tap Color Pro: Color By Number Taylor's Secret: Merge story

Teacher Simulator

Temple Run tetris

The 1% Club TV Show

The Conqueror Challenges The New York Times Crossword

Tiles Hop: EDM Rush! Toca Life World: Build stories

Toon Blast Top Eleven Be a Soccer Manager Top Troops: Conquer Kingdoms

Tower War - Tactical Conquest

Township Tov Blast

Traffic Escape! Traffic Racer

Train Station 2: Railroad Game Travel Town (Early Access)

Treasure Master Triple Match 3D

Triple Tile: Match Puzzle Game

Twisted Tangle Two Dots

White Out Survival

Wood Nuts & Bolts Puzzle

UNO! Water Sort - Color Puzzle Game (IEC Global Pty Ltd)

Wood Nuts & Bolts, Screw

Woodoku

Word Collect!

Word Connect **Word Cookies**

Word Crush - Fun Word Puzzle Game Word Farm Adventure: Word Game

Word Stacks

Word Trip

Wordgrams - Crossword Puzzle

Words of Wonders: Crossword Words With Friends - Word Game

Wordscapes

Wordle!

Xbox **Xbox Game Pass**

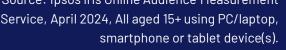
YAHTZEE With Buddies

Yatzy - Fun Classic Dice Game Zen Match

Zen Word - Relax Puzzle Game Words of Wonders: Crossword Words With Friends - Word Game

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Source: Ipsos iris Online Audience Measurement Service, April 2024, All aged 15+ using PC/laptop, smartphone or tablet device(s).



Slide 30: audience composition for indexes

| | | Total internet population | Mobile gamers |
|----|-------------------------|---------------------------|---------------|
| 1 | Online Media | 30.3% | 36.9% |
| 2 | Social Networking | 30.4% | 36.8% |
| 3 | Technology | 28.0% | 32.5% |
| 4 | Entertainment | 27.0% | 31.2% |
| 5 | Health | 22.9% | 26.3% |
| 6 | Retail & Commerce | 31.1% | 35.6% |
| 7 | Telecommunication & ISP | 17.0% | 19.2% |
| 8 | Education | 18.8% | 20.7% |
| 9 | Lifestyle | 22.7% | 25.0% |
| 10 | Events & Attractions | 16.5% | 17.6% |

| | | Total internet population | Mobile gamers |
|----|------------------|---------------------------|---------------|
| 11 | Business | 20.2% | 21.4% |
| 12 | Career | 13.2% | 13.9% |
| 13 | Finance | 30.6% | 32.2% |
| 14 | Automotive | 11.4% | 11.8% |
| 15 | Directories | 29.1% | 30.0% |
| 16 | Travel | 24.7% | 25.1% |
| 17 | Homes & Property | 12.8% | 12.8% |
| 18 | Search Engine | 31.8% | 31.9% |
| 19 | Sports | 14.8% | 14.6% |
| 20 | News | 26.3% | 24.4% |



Slide 35: audience composition for indexes

15-24 year old mobile gamers

| | | Total internet population | Mobile gamers |
|---|------------|---------------------------|---------------|
| 1 | Groupon | 4.5% | 36.9% |
| 2 | Co-op Food | 6.2% | 36.8% |
| 3 | Dominos | 11.9% | 32.5% |
| 4 | AliExpress | 22.9% | 28.4% |
| 5 | Aldi | 7.8% | 9.7% |

65+ year old mobile gamers

| | | Total internet population | Mobile gamers |
|---|----------------|---------------------------|---------------|
| 1 | Dominos | 20.2% | 21.4% |
| 2 | Deliveroo | 13.2% | 13.9% |
| 3 | Ubereats | 30.6% | 32.2% |
| 4 | Too Good To Go | 11.4% | 11.8% |
| 5 | Audible | 29.1% | 30.0% |

Slide 48: audience composition for indexes

Roblox

| | | Total internet population | Mobile gamers |
|---|------------|---------------------------|---------------|
| 1 | Co-op Food | 6.2% | 12.5% |
| 2 | Next | 11.0% | 19.6% |
| 3 | AliExpress | 22.9% | 40.1% |

Pokémon Go

| | | Total internet population | Mobile gamers |
|---|---------|---------------------------|---------------|
| 1 | Dominos | 11.9% | 25.6% |
| 2 | Costa | 9.9% | 20.4% |
| 3 | Argos | 26.7% | 53.8% |

Clash of Clans

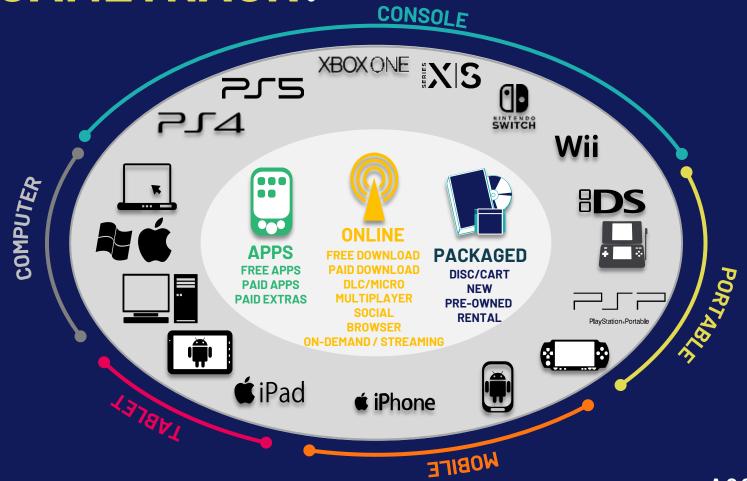
| | | Total internet population | Mobile gamers |
|---|---------|---------------------------|---------------|
| 1 | IKEA | 11.8% | 26.0% |
| 2 | Argos | 26.7% | 54.6% |
| 3 | Samsung | 18.1% | 32.3% |



ABOUT GAMETRACK



WHAT IS GAMETRACK?





ACQUISITION & VALUE







HOW DO WE DO GAMETRACK?

YEARLY FIELDWORK





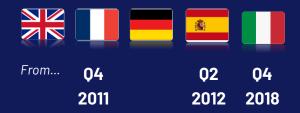
MONTHLY FIELDWORK





OFFLINE SAMPLE USED TO WEIGHT THE ONLINE SAMPLE TO BE NATIONALLY REPRESENTATIVE AGED 6-64

REPORTING **QUARTERLY PER MARKET ON 3,000 INTERVIEWS BY COUNTRY**



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ABOUT IPSOS IRIS



Key pillars of approach **Establishment** survey 10,000 single source passive **DATA** mobile **Distributed SCIENCE** first multi **Content and** device panel Server to Brings all of Server this together Integration Site-centric measurement



Ipsos iris provides you with these key metrics



Desktop / laptop, smartphone and tablets



Websites, mobile websites and apps

(c7,000 sites and c1,500 apps)



Monthly data segmented by day of week, weekday, weekend with some time of day analysis



Text and video



Demographic, geographic, and attitudinal audiences



Daily data (36hrs after)



Interest based categorisations

e.g. sport, food, news, technology, finance etc



Enhanced audiences

e.g. ACORN, FRESCO, psychographic segmentation



Rich profiling and targeting capabilities

Disabilities Interests Age Live TV days Gender Children **Sexual orientation** Parent / guardian / grandparent Live TV hours Social grade **HH size** Radio days **Ethnicity Main shopper status Radio duration** Regular paper use **Nation** Income Region (ITV / GOR) Chief income earner Regular paper duration **CIE working status** Cities & towns Magazine use **Marital status** Lifestyle statements Magazine duration



Attitudes underpin behaviour

| 1. | You should seize opportunities in life when they arise | 18. | I spend a lot of money on toiletries and cosmetics for personal use |
|-----|---|------------|--|
| 2. | I find it difficult to balance work, children and social life | 19. | I really look after my health |
| 3. | l often do things on the spur of the moment | 20. | I wear designer clothes |
| 4. | I have a keen sense of adventure | 21. | I like to keep up with the latest fashions |
| 5. | I want to get to the very top in my career | 22. | I try to keep up with developments in technology |
| 6. | I make a conscious effort to recycle | 23. | I change the decorations at home as often as I can |
| 7. | I would be willing to volunteer my time for a good cause | 24. | I am passionate about travelling |
| 8. | I take great pleasure in looking after my appearance | 25. | With a credit card I can buy the sort of things I couldn't normally afford |
| 9. | I prefer to be active in my leisure time | 26. | I look for profitable ways to invest my money |
| 10. | Money is the best measure of success | 27. | l like different people, cultures, ideas and lifestyles around me |
| 11. | I like to go to trendy places to eat and drink | 28. | I am increasingly aware of the price of goods and services |
| 12. | It's worth paying extra for quality goods | 29. | I like to enjoy life and don't worry about the future |
| 13. | I am prepared to pay more for products that make life easier | 30. | I am interested in any technology that saves me time |
| 14. | I buy new products before most of my friends | 31. | I find it hard to find time to relax |
| 15. | I only buy products from a company whose ethics I agree with | 32. | Online TV streaming services have changed the way I watch television |
| 16. | Celebrities influence my purchase decisions | 33. | I'm prepared to make lifestyle compromises to benefit the environment |
| 17. | I would be prepared to pay more for environmentally friendly products | 34. | I make more purchases online than I do in store |



Reports available

Media

Analyse media entities by target group. The results are based on your selection and category filters.

Profiling

Identify the profile composition of selected media.

% Change

Analyse the differences and changes between different time period.

Media Plus

A flat reporting structure. The results are static and not based on your selection and category filters.

Ranking

Rank organisations, brands, websites and apps.

Dayparts

See the breakdown of the selected media or category by time-of-day.

Category

Analyse top categories performance during selected months.

Cross-visiting

Analyse cross visitation and duplication of audiences between different media entities.

Trend Analysis

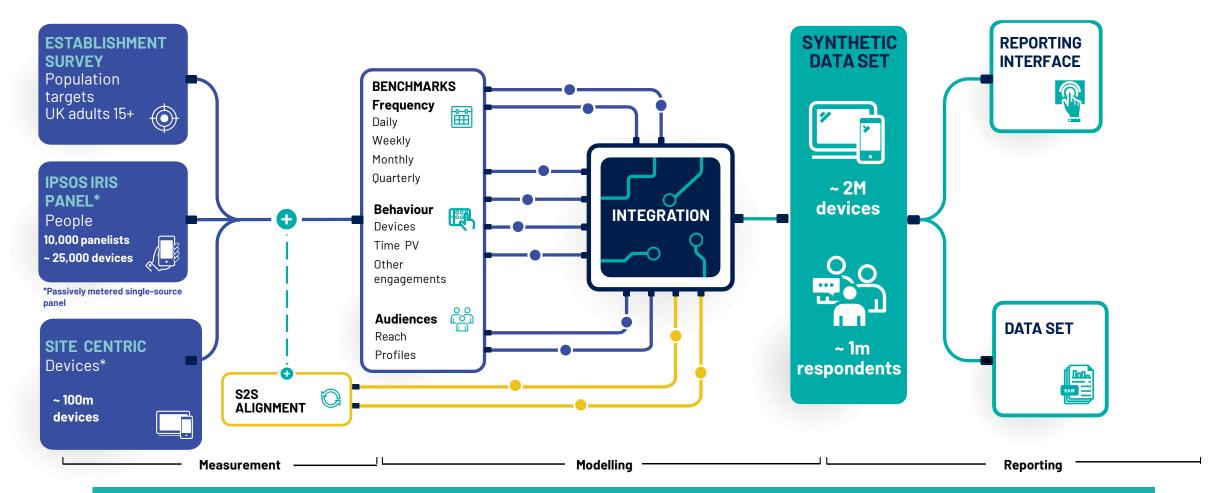
Check the performance of the selected media through multiple period of times.



Methodology

A hybrid measurement solution combining a single-source panel with site-centric measurement.

Ipsos iris is the UKOM-endorsed service for the measurement of audiences of online content. It uses a hybrid methodology combining metered data from a core 10,000 single-source panel with census site-centric measurement. The diagram below summarises the inputs and processes involved in the production of Ipsos iris audience data.



More detail on the methodology, including an interactive version of this slide can be find at: https://ukom.uk.net/ipsos-iris-overview.php

