

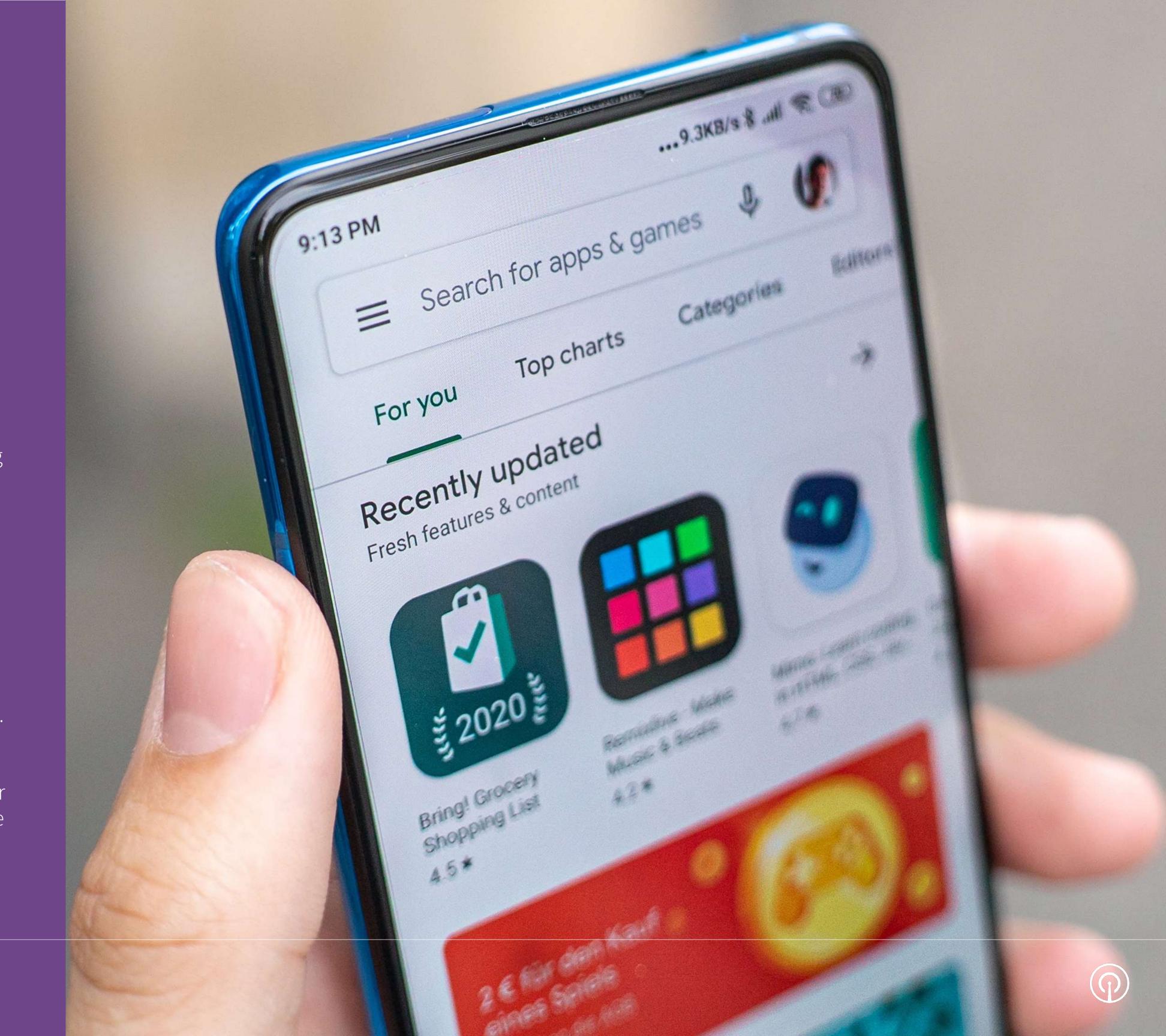
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About this data: Methodology

Sensor Tower's Qualitative Insights team created the revenue and download forecasts featured in this report using the Sensor Tower Store Intelligence platform.

- Figures cited in this report reflect App Store and Google Play consumer spending and download estimates for January 1, 2018 through May 31, 2023.
- The market forecast for 2023 to 2027 is based on past spending and download trends, macroeconomic projections, and additional factors.
- All revenue figures in this report capture consumer spending (gross revenue). This includes the revenue earned by the app developer as well as the portion earned by Apple or Google.
- Android estimates represent revenue and downloads from the Google Play Store only. Sensor Tower does not provide spending or download estimates for third-party Android stores.
- Since Google Play paused its billing for users in Russia on March 10th, 2022, Google Play consumer spending in Russia for the remainder of 2022 and beyond has been excluded from the forecast.



Starfield timeline

Genre: RPG

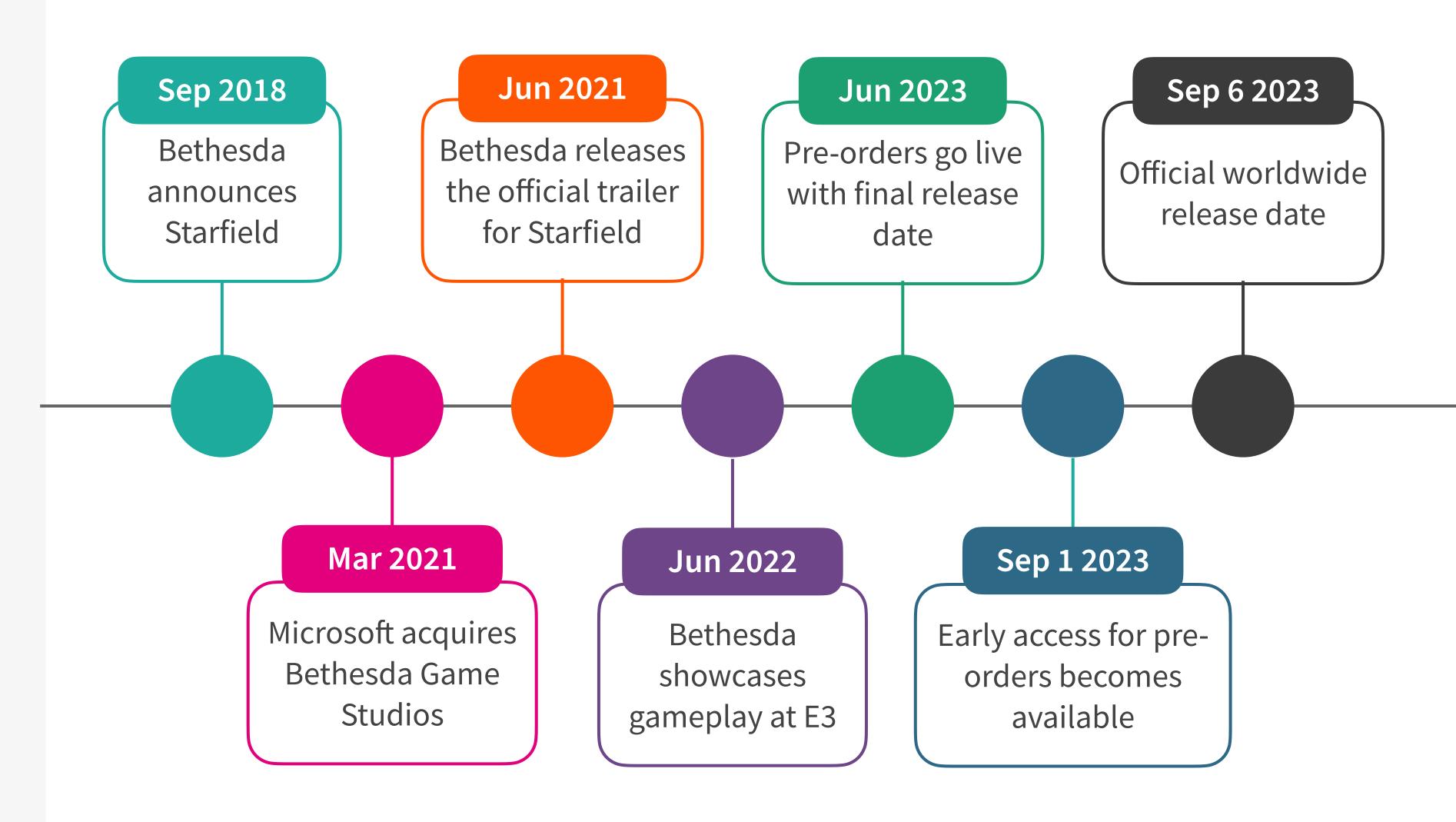
Developer: Bethesda Game Studios

Publisher: Bethesda Softworks

Platforms Available: Windows, Xbox Series X/S

IP: First new IP from Bethesda in over 25 years





Trailer strategy

- After a long period of waiting from the initial announcement in 2018, Bethesda released their official trailer for Starfield in June 2021
- Starfield's strategy focused primarily on promoting their official teaser trailer on YouTube, along with a small amount of Twitter and Facebook posts
- When looking at impressions rather than spend, you will notice a high volume on Twitter during this period
- As this data was collected before the launch of our YouTube in-app channel release, all of the YouTube spend will be in Desktop Video

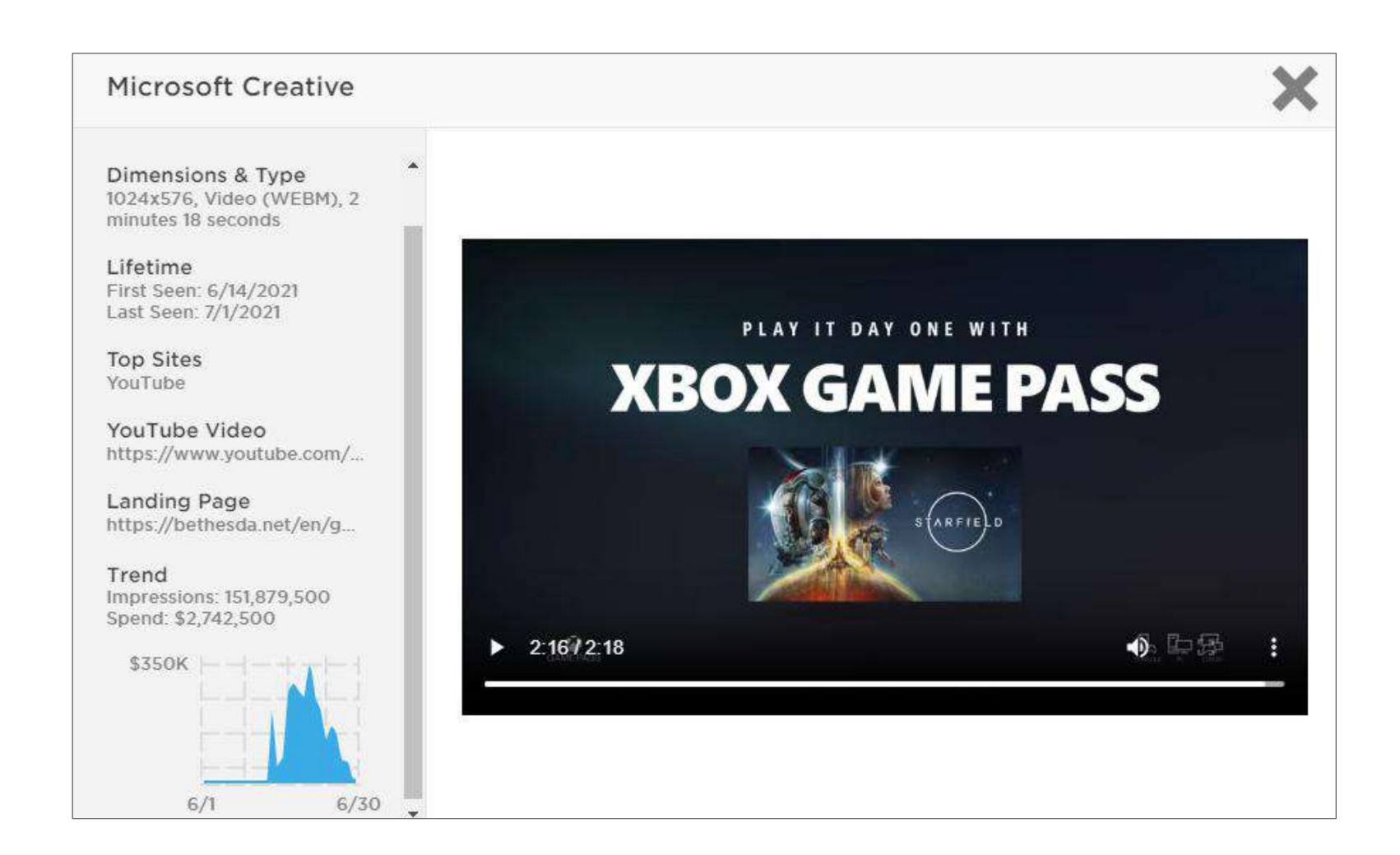






Trailer creative strategy

- In March 2021, **Bethesda** joined Microsoft's **Xbox Game Studios**
- Bethesda released their <u>2-min trailer on YouTube</u> after E3 in June 2021, which touted a **brand new** universe from the award-winning creators of Skyrim and Fallout 4
- After showcasing alpha footage of Starfield, the final CTA is to "Play It Day One with Xbox Game Pass" (showing one of the first collaborative efforts between Microsoft and Bethesda)
- The landing page for this creative directing viewers directly to the <u>Starfield page</u> on Bethesda's website

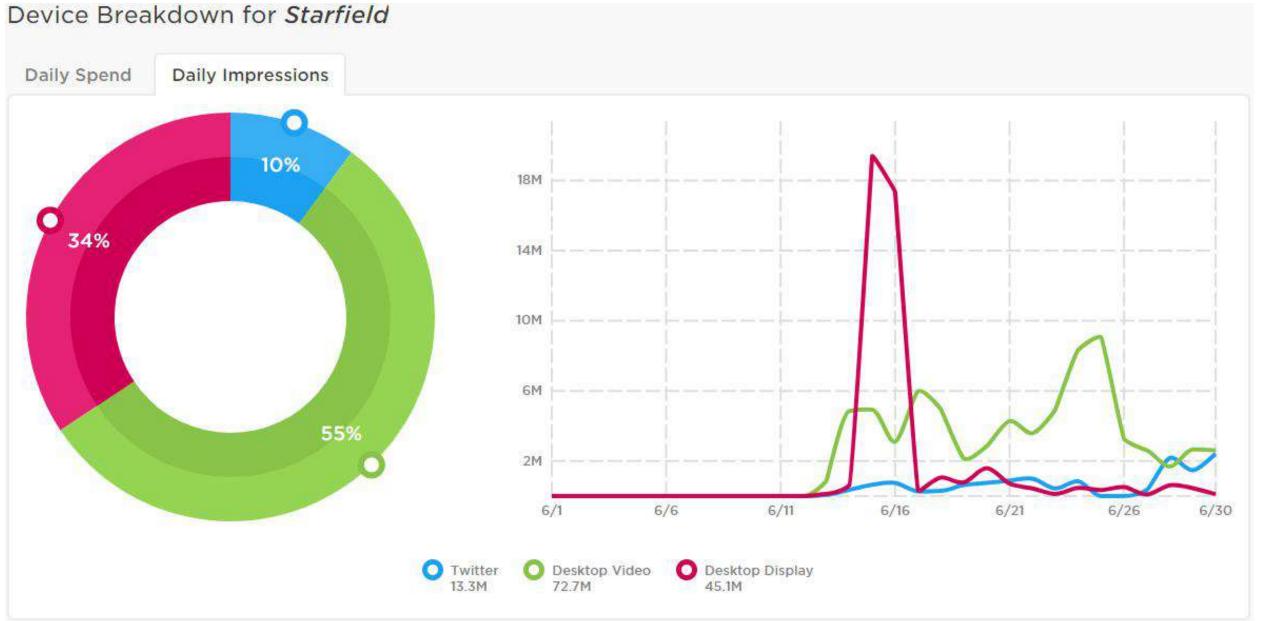




Gameplay reveal strategy

- Almost one year after Bethesda released their official teaser-trailer, they released a had a full gameplay reveal at E3 2022
- Bethesda's creative strategy featured YouTube heavily, along with popular websites for gamers like Reddit, Twitch, and GameSpot
- There was also a smaller Twitter presence at 4% of estimated ad spend and 10% of estimated impressions
- As this data was collected before the launch of our YouTube in-app channel release, all of the YouTube spend will be in Desktop Video

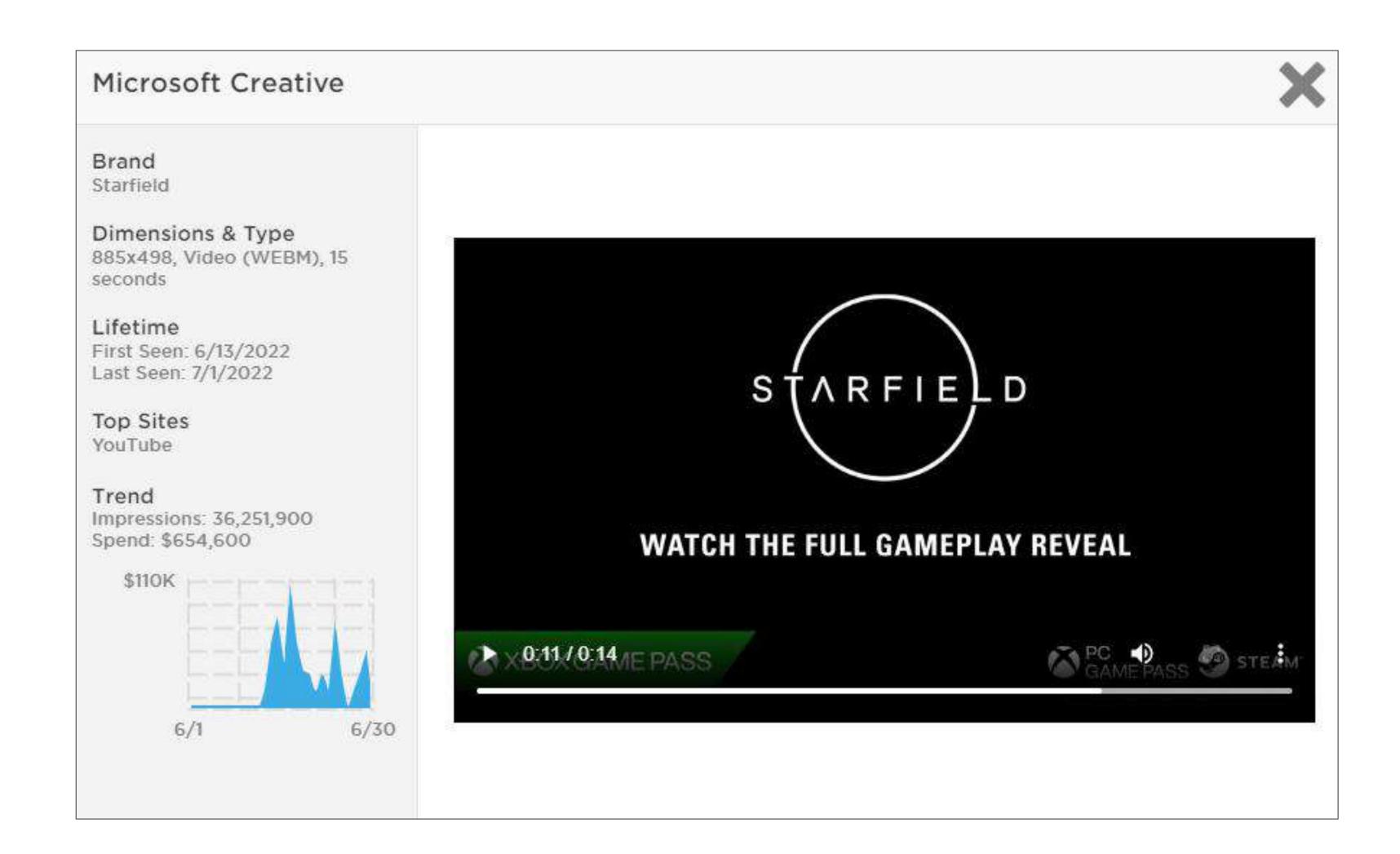






Gameplay reveal creative strategy

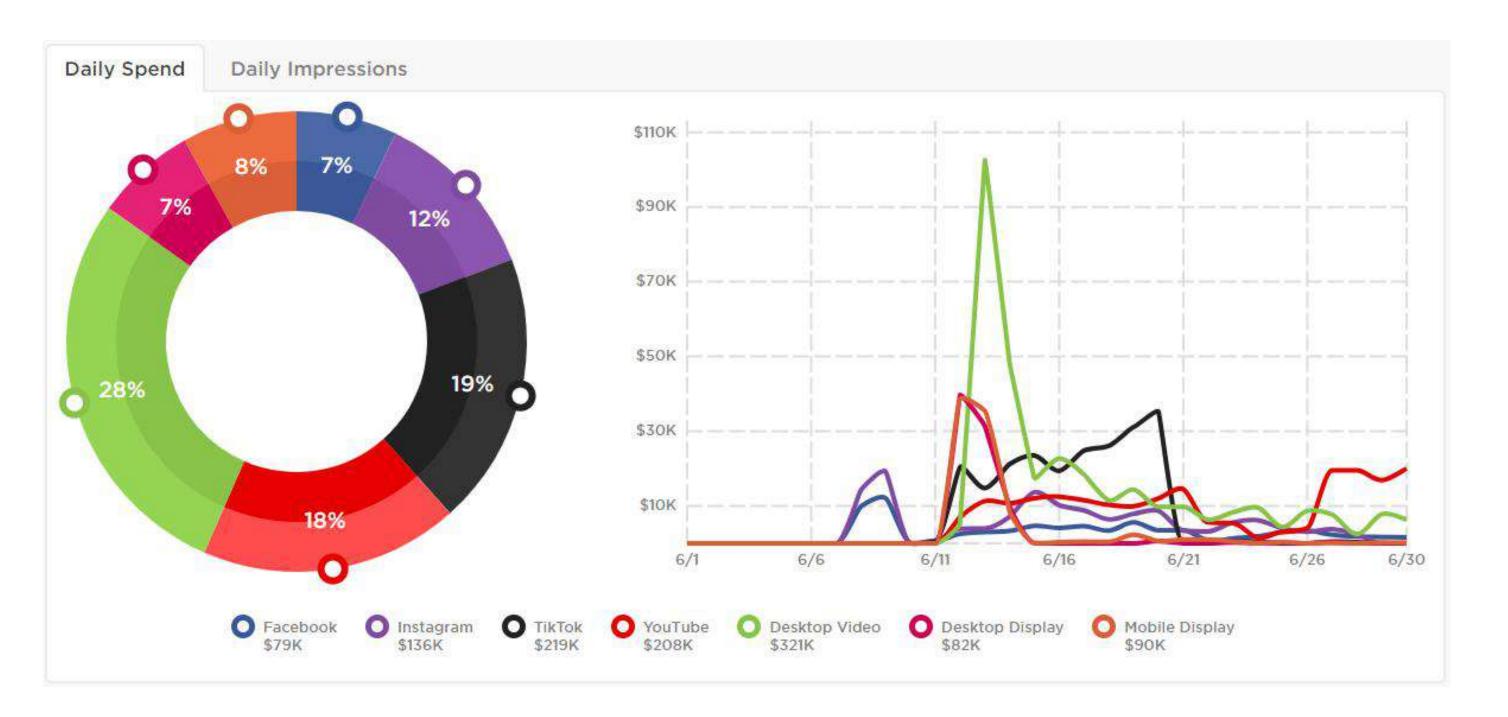
- Bethesda focused on two similar shorter creatives for the Gameplay Reveal (<u>15s</u> and <u>30s</u>)
- These creatives both have voice-overs to welcome the viewers to "Constellation" and feature gameplay footage
- The CTA at the end of each creative encourages viewers to "Watch the Full Gameplay Reveal" and continues to promote **Xbox Game Pass**
- The third most viewed creative during this timeframe was a static image promoted on **Reddit** that also prompted users to watch the Gameplay Reveal

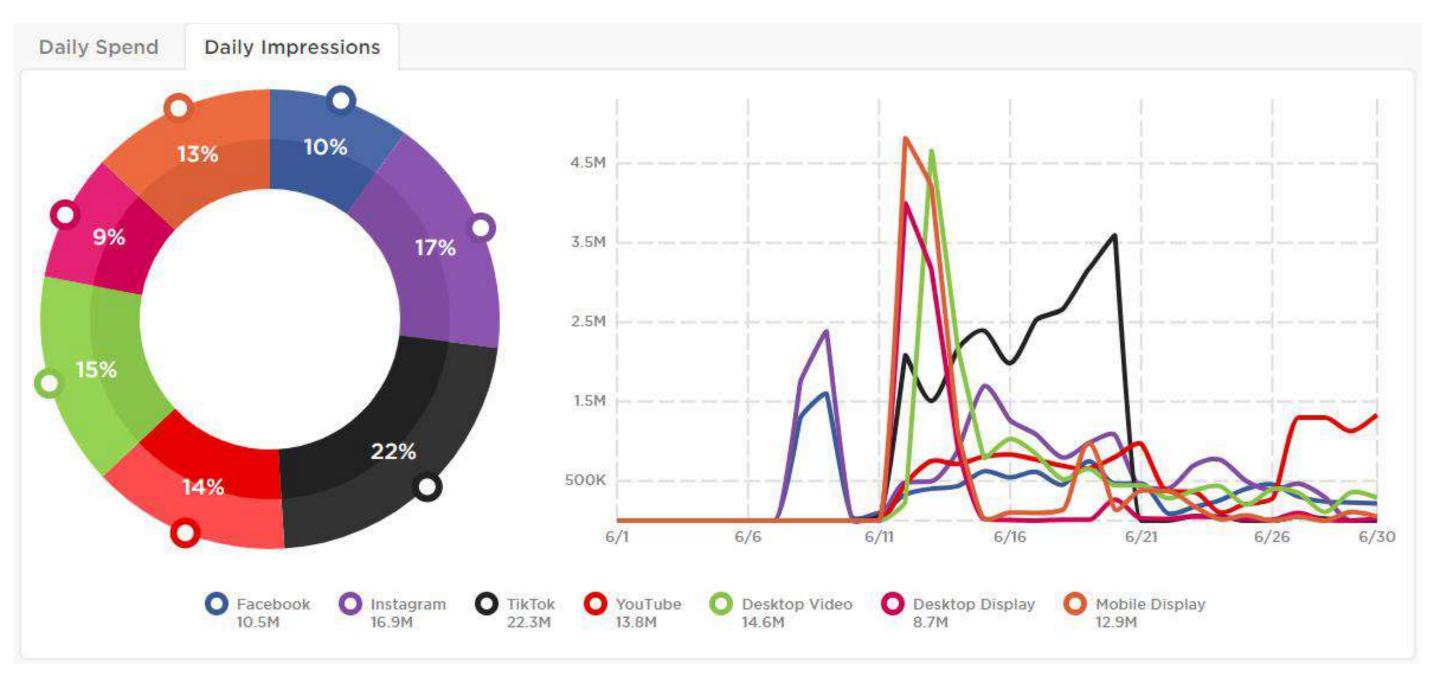




Pre-order announcement strategy

- Starfield became available for pre-order in June 2023
- The creative strategy for the pre-order announcement took a bit different approach from previous campaigns
- Programmatic spend focused on Twitch for Starfield during the pre-order announcement phase
- Social spend was primarily TikTok then Instagram, and socials played a larger role during this timeframe
- YouTube fell behind programmatic and socials during this timeframe

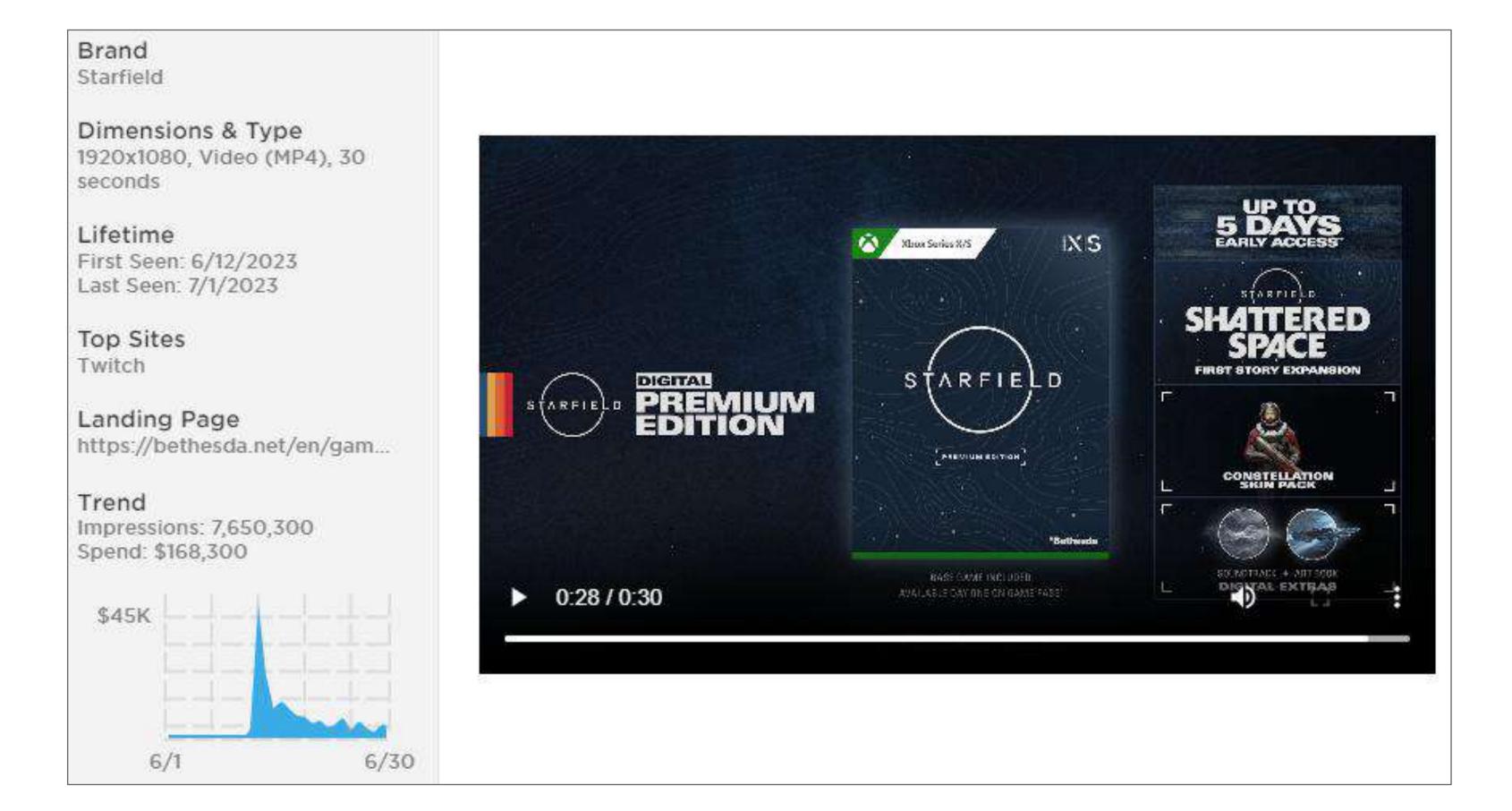






Pre-order programmatic creative strategy

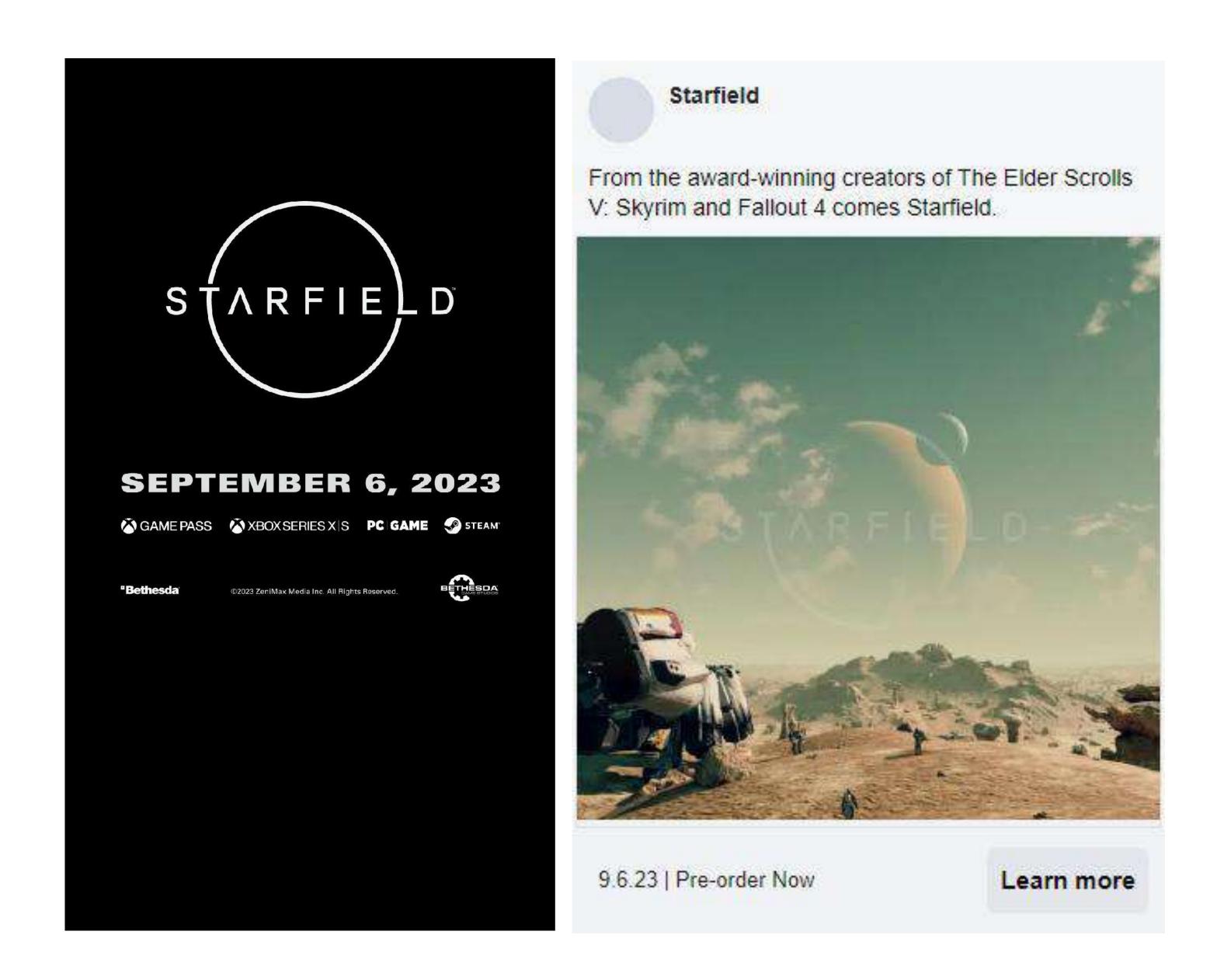
- Starfield's programmatic strategy continued to focus
 on shorter form videos for their pre-order campaign
 (30s, 15s)
- The CTA shifted slightly from focusing only on Game Pass, to showcasing the Premium Editions that were available for pre-order
- The benefits of the Premium Edition are also touted; 5 days of early access, the first expansion, skins, and other digital extras
- The creatives also linked to a pre-order landing page on Bethesda's site, which provides comparisons of the various editions available for purchase





Pre-order socials creative strategy

- The strategy on socials was primarily quick videos and video posts (6s)
- Socials creatives focused less on Premium Editions and more on the **pre-order date** specifically
- The creatives did not explain the benefits of the Premium Edition; however, they did link to a pre-order landing page on Bethesda's site, which provides comparisons of the various editions available for purchase





Pre-order word cloud

- Using Pathmatics Creative Text Search, we can evaluate which keywords played the largest roles in Starfield's pre-order strategy
- There was a heavy brand focus on Starfield, but also on Elder Scrolls & Skyrim, and Fallout 4
- Game Pass, Xbox, and Steam were also mentioned quite frequently
- Less frequently mentioned were gameplay specific mechanics





Validating lift with external resources Using **Steam DB** you can clearly see the upticks in follower counts on Steam game hub followers chart -Steam's game hub Zoom 1w As of mid-August, Store data Starfield reached Steam's #1 in Wishlists 349,405 followers and #6 in Top Sellers 300k #1 in wishlists A small but clear bump in #6 in top sellers followers on Steam was also visible following the **Official Gameplay Reveal** Immediately following the pre-order announcement, the followers on Steam spiked from ~200K to above 300K Mar '22 Jul '22 Sep '22 Jul '23 Jan '22 May '22 Nov '22 Jan '23 Mar '23 May '23

Followers

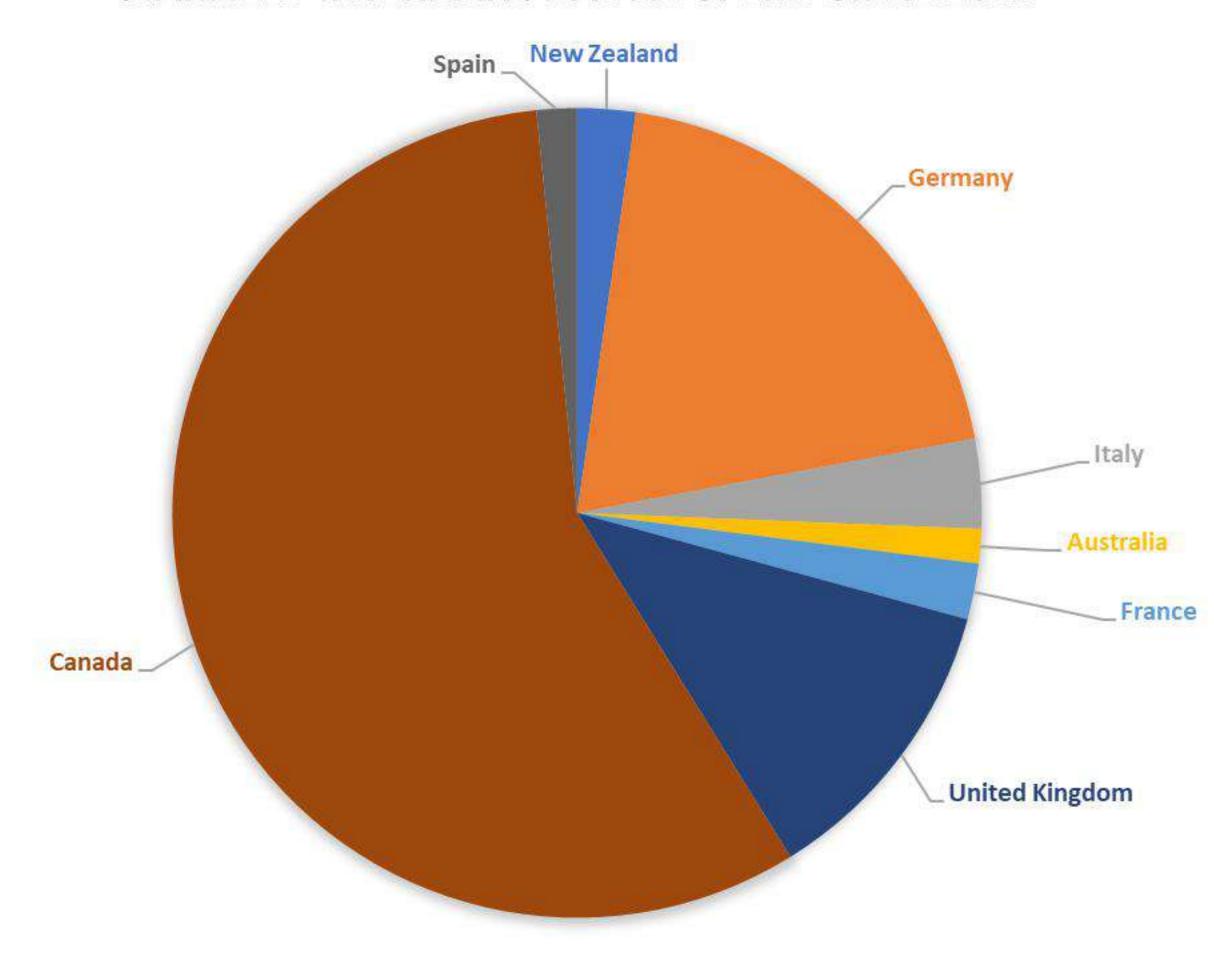
data by SteamDB.info (powered by highcharts.com)



International strategies

- Since 2021, the US accounted for 70% of total
 estimated ad spend for Starfield on Pathmatics
- In **2021**, for the trailer, Starfield ad spend was primarily in the **US**, with some investment in **Canada** as well
- In 2022, for the gameplay reveal, Starfield ad spend expanded to include Germany
- In 2023, for the pre-order, Starfield added UK and
 Italy to their marketing mix as well
- For the pre-order strategy, Starfield tested only
 YouTube for the UK, and only TikTok for Canada

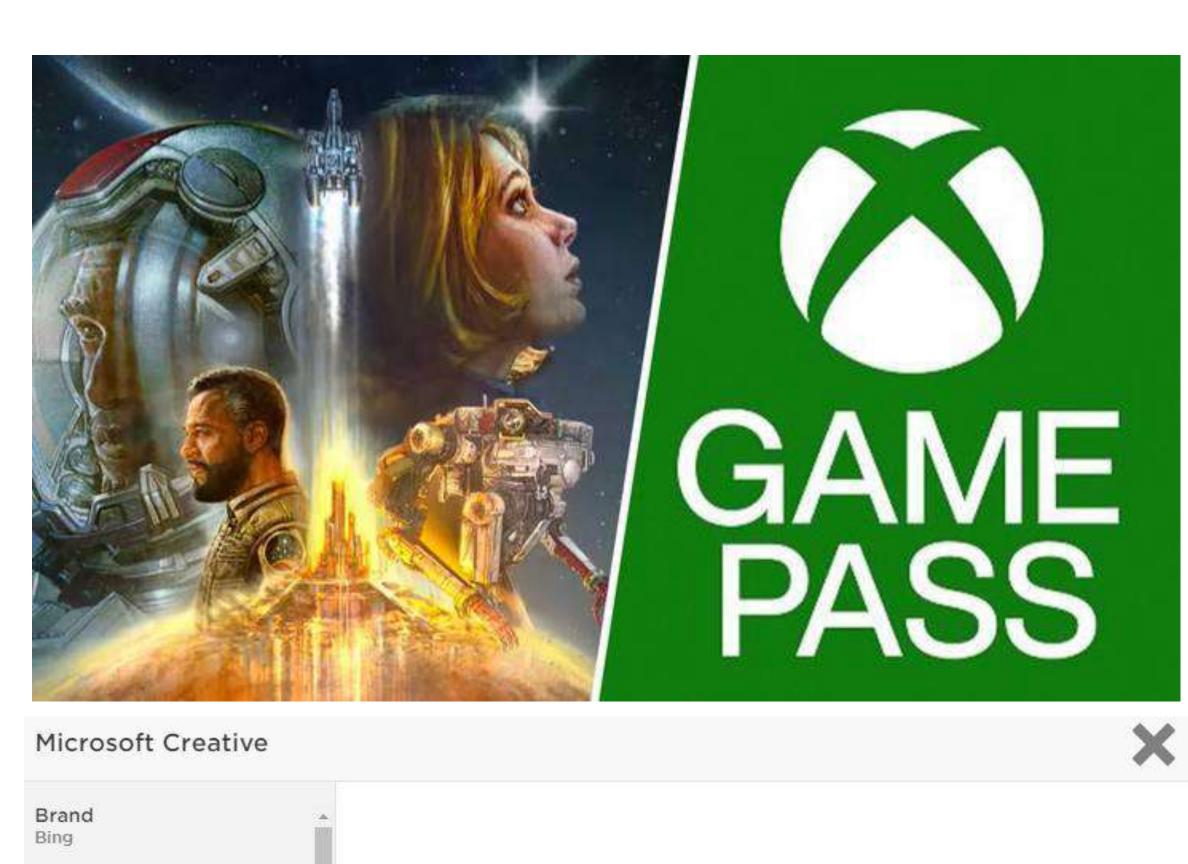
STARFIELD INTERNATIONAL AD SPEND SINCE 2021

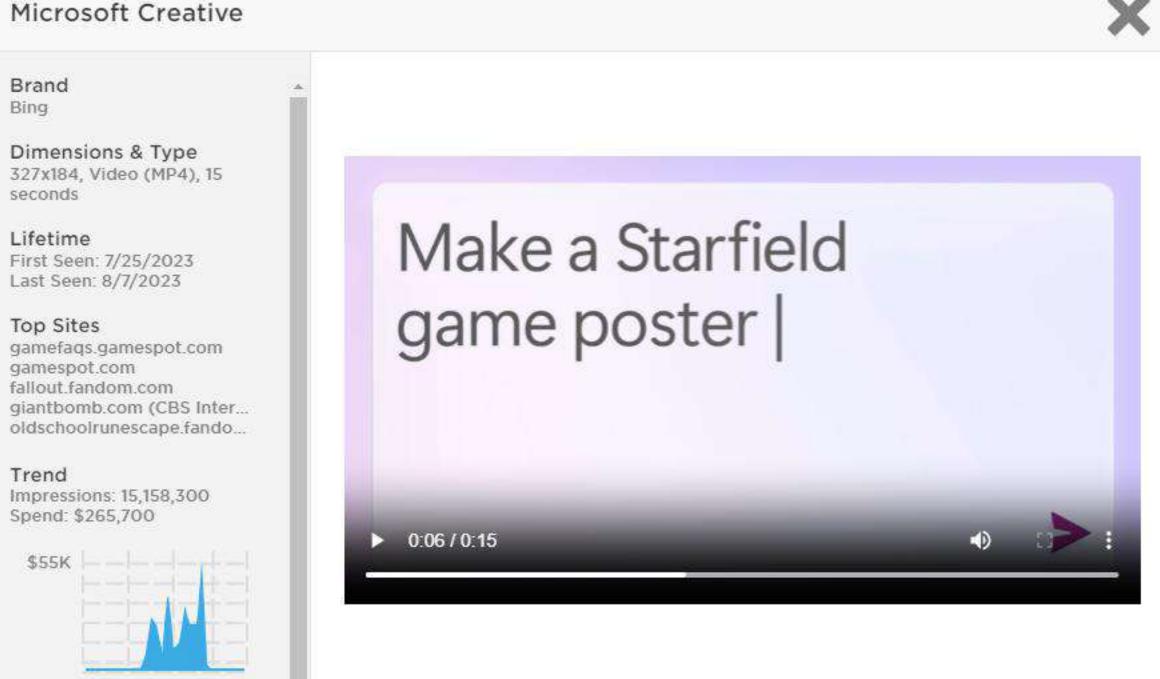




Microsoft collaboration

- Microsoft acquired Bethesda in March 2021 and shortly after announced that Starfield would be included as part of Game Pass
- Their creatives heavily featured Game Pass and frequently showed Starfield as a Day One release on Game Pass
- Microsoft has been cross-promoting Starfield on
 Bing creatives recently leading up to release
- These creatives show a Bing user asking Bing's Alpowered search to "Make a Starfield game poster"



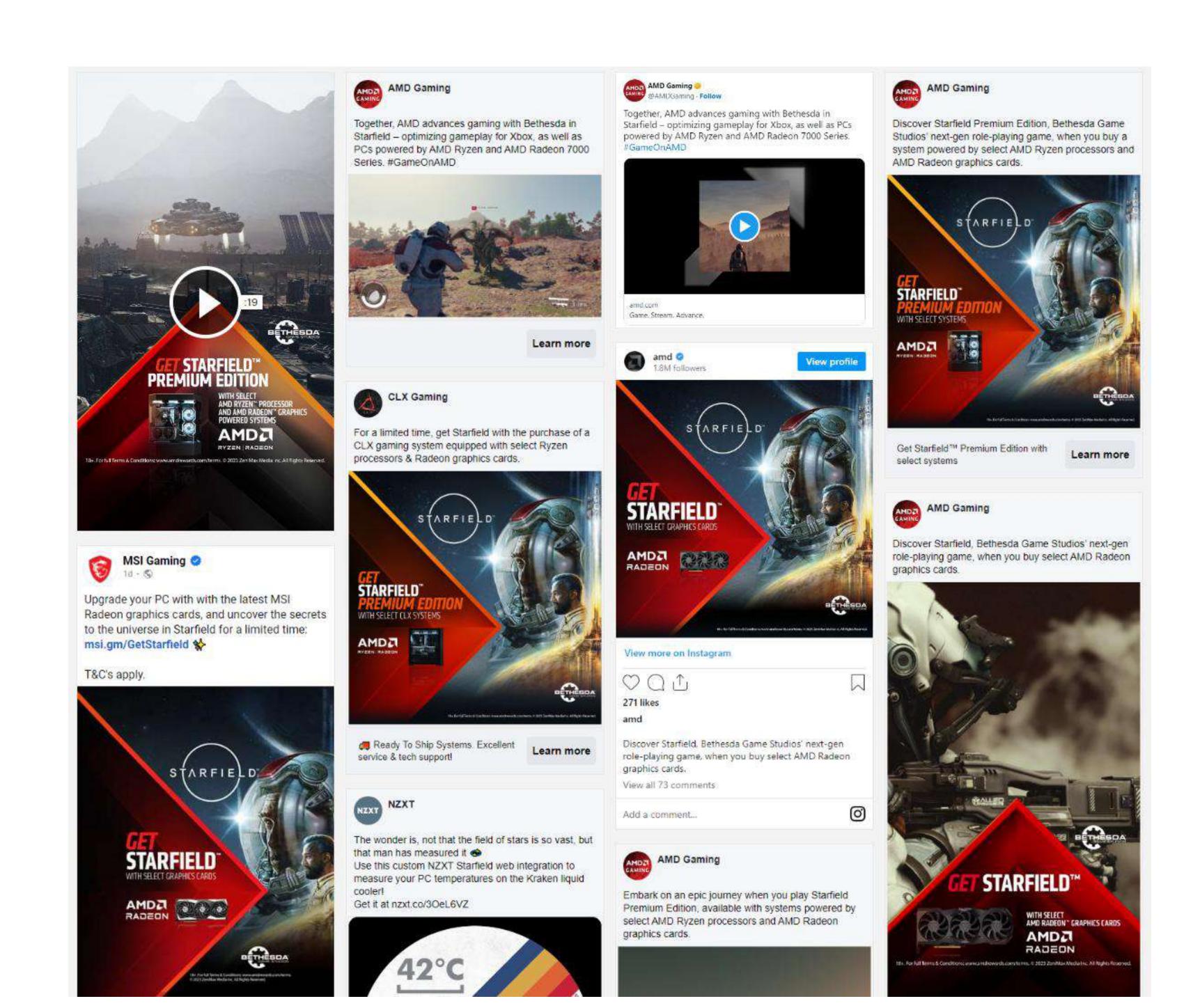


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External advertisers

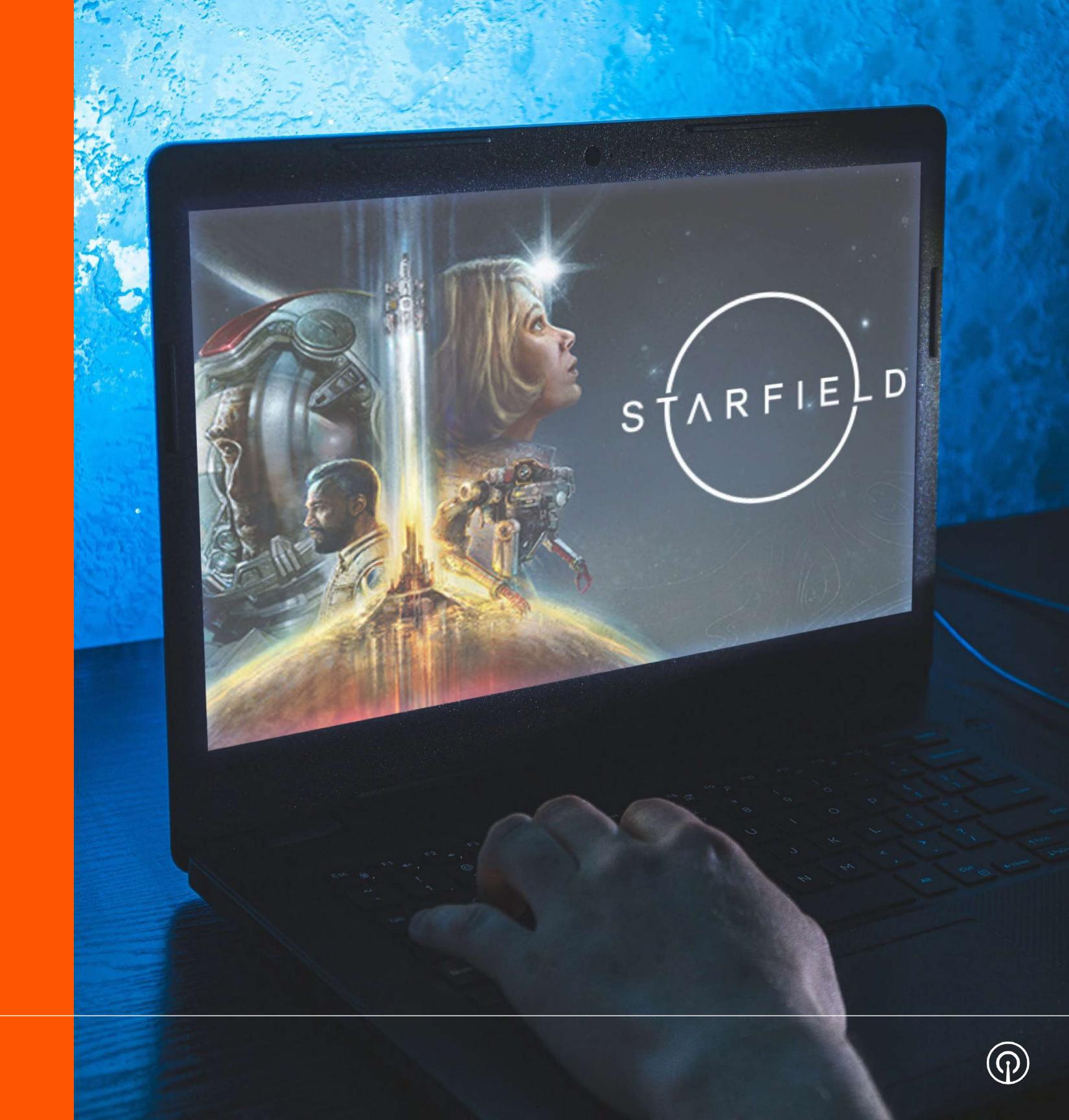
- Consumer electronics companies are also jumping on the Starfield hype-train as we near launch
- AMD Gaming, MSI Gaming, CLX Gaming, and NZXT were some of the biggest spenders with co-branding between their hardware and Starfield
- Most of the CTAs are to upgrade the viewers hardware in order to prep for the Starfield release
- Some brands, like AMD, are offering Starfield Premium Edition with the purchase of specific products





Starfield pre-launch: Key takeaways

- Starfield marks **Bethesda's first new IP in 25 years** and has been building marketing hype since it was announced in 2018
- This huge upcoming release marks the **first major game between Microsoft and Bethesda** after their acquisition
- During the first major marketing waves, Bethesda focused primarily on YouTube, Reddit, and Twitch and recently starting incorporating major socials like TikTok and Instagram during the pre-order phase
- Creatives emphasized Starfield being a Day-1 Game Pass game and pushed various premium editions available for pre-order via landing page links
- Starfield has a massive amount of hype, and is currently **#1 on Steam Wishlist**. External advertisers (including Bing) have been featuring
 Starfield and running promotions giving out copies with purchases



Starfield Post-launch analysis

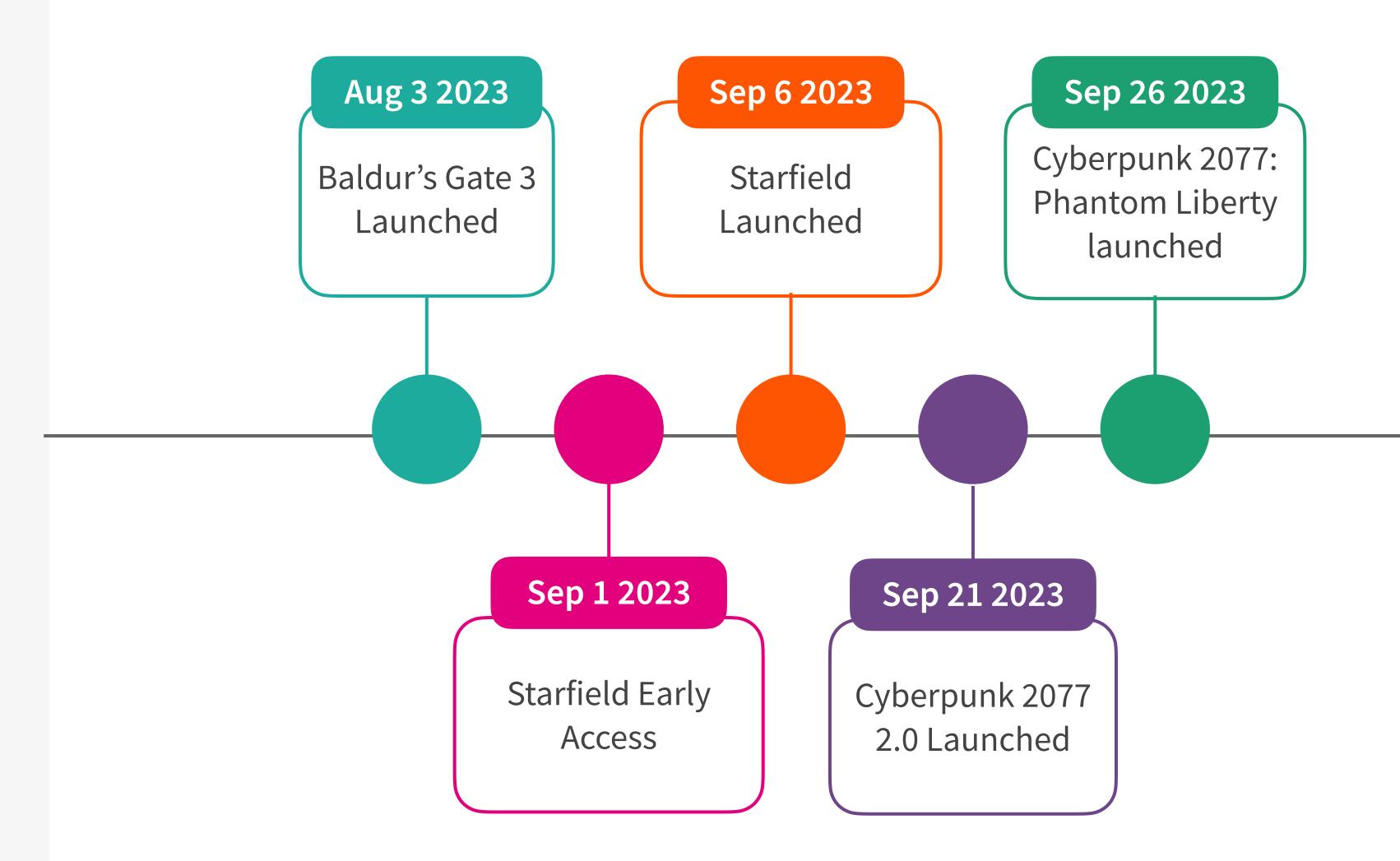


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Launch timeline

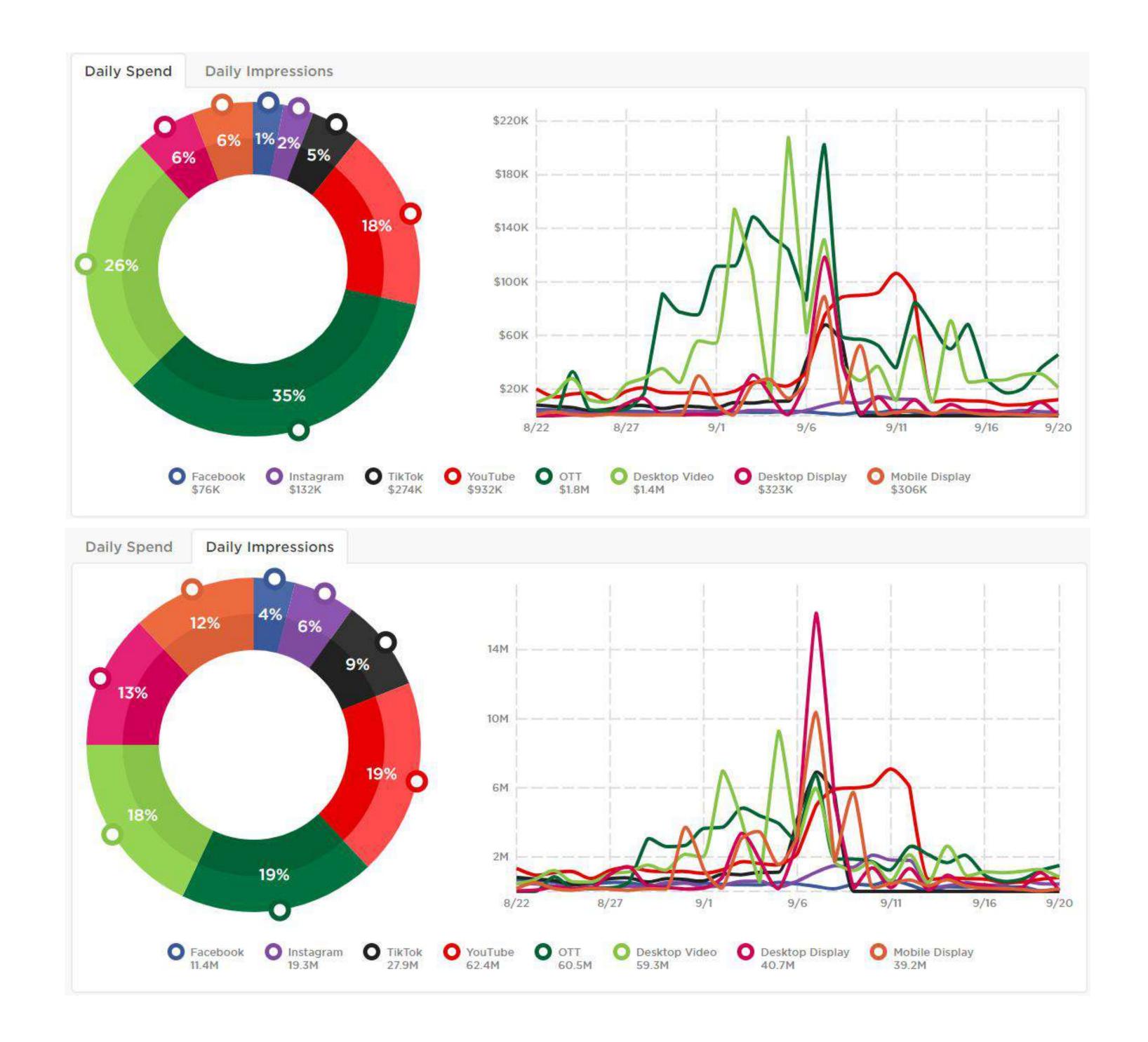
- Starfield had intense competition on both sides of its launch date with Baldur's Gate 3 and Cyberpunk 2077
- Larian Studios originally planned to launch Baldur's Gate 3's at the end of August, but moved it up to August 3rd due to the proximity of Starfield and Cyberpunk 2077: Phantom Liberty
- Starfield launched in early access on Sept 1st for players who pre-ordered the Premium or Collectors Editions
- Players who pre-ordered the Standard Edition and Game Pass subscribers had to wait until Sept 6th to play





Launch strategy - spend & impressions

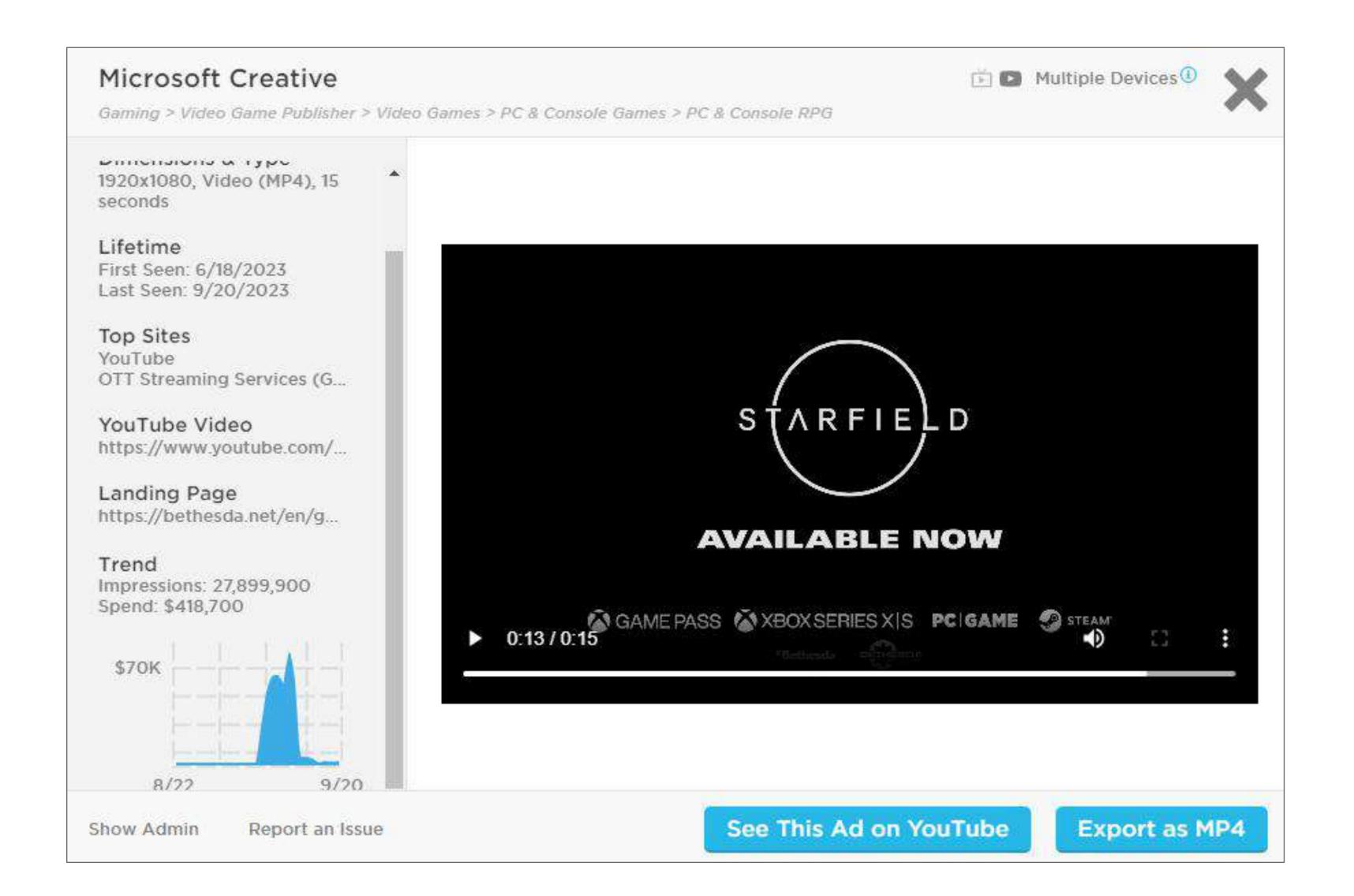
- Starfield's launch window had a dramatic shift in strategy leaning heavily on OTT
- During pre-launch, Starfield did not utilize OTT at all, while at launch OTT accounted for over 1/3rd of estimated ad spend
- Outside of OTT, Desktop Display and YouTube
 remained large portions of Starfield's ad spend
- TikTok remained the #1 social channel for
 Starfield during the launch window





Launch creative strategy

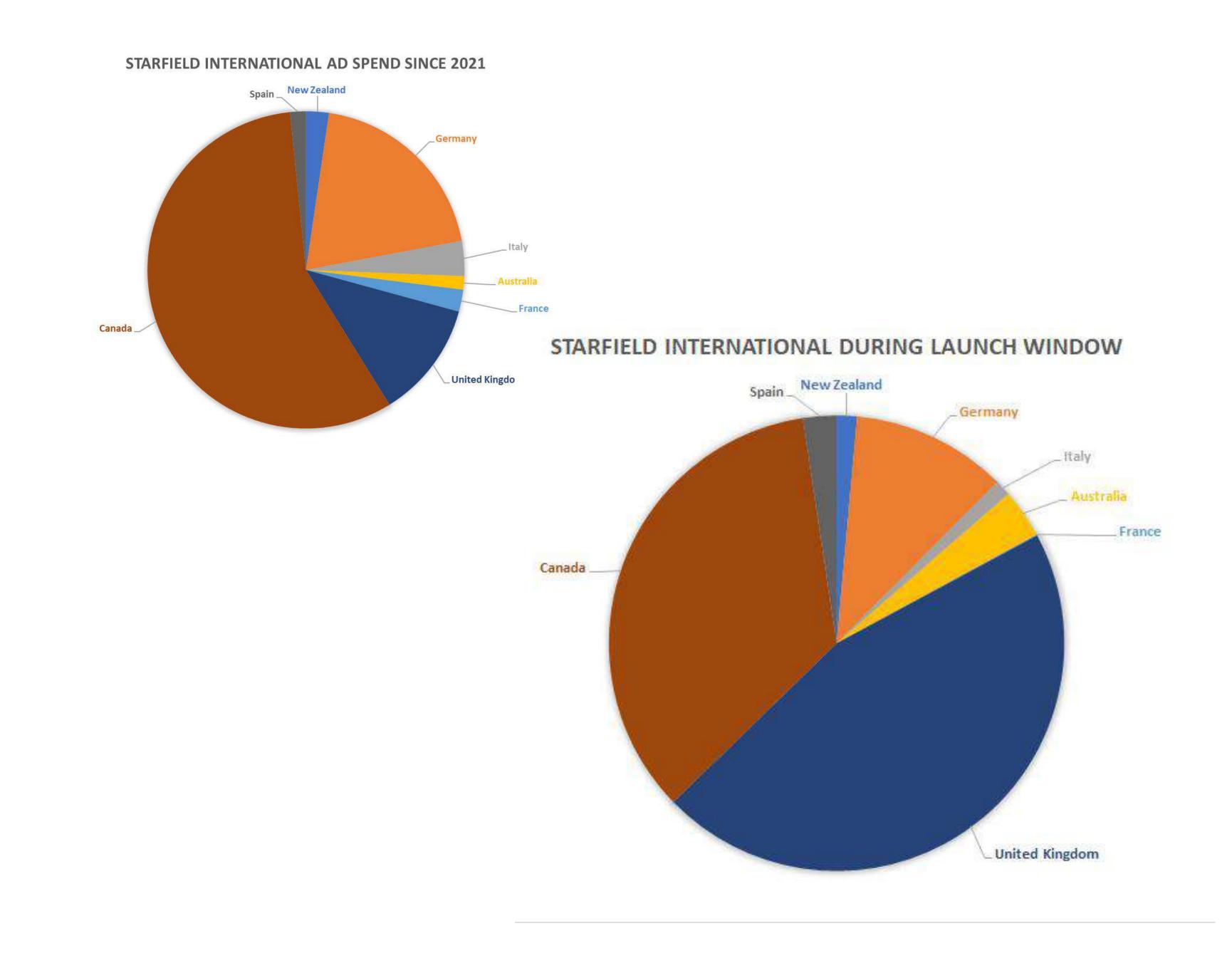
- Starfield's strategy continued to focus on 15s-30s
 videos for their launch window
- The contents of the creatives remained the same as the pre-launch videos, however they end with an "Available Now" CTA
- The **benefits of the Premium Edition** are still touted; but no longer state 5 days of early access and focus on other perks (the first expansion, skins, and other digital extras)
- The creatives link to a landing page for purchasing
 Starfield on Bethesda's site, which provides comparisons of the various editions available for purchase





International strategies

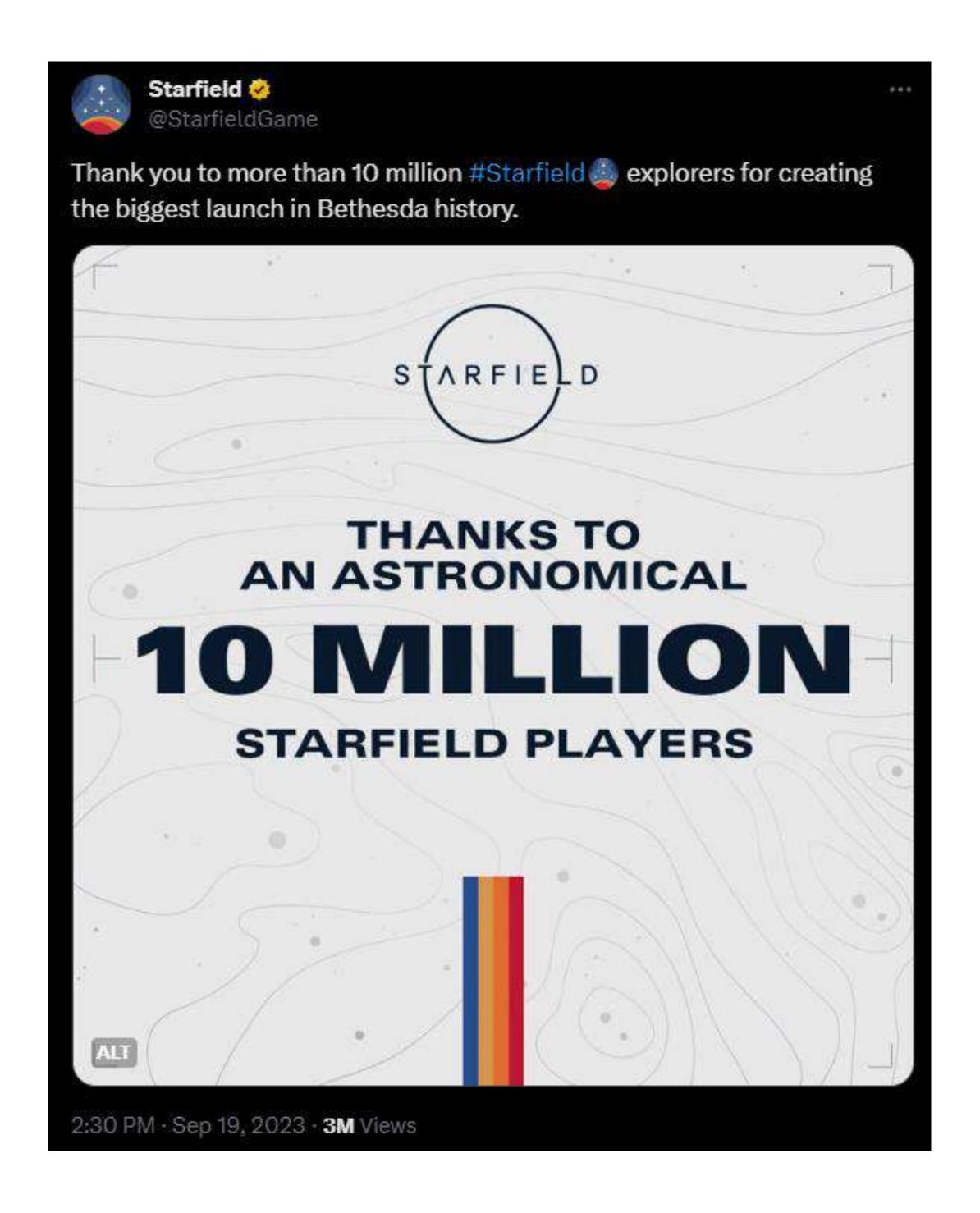
- During the pre-launch time frame, the US
 accounted for 70% of estimated ad spend on
 Pathmatics
- During the launch window, US share accounted
 grew to 77% of estimated ad spend
- The United Kingdom overtook Canada as
 Starfield's #2 country at 10.7%, followed by Canada at 8.2%
- Starfield's ad spend in the UK and CA was primarily attributed to YouTube, Desktop Video, and TikTok, followed by Desktop & Mobile Display





Launch success

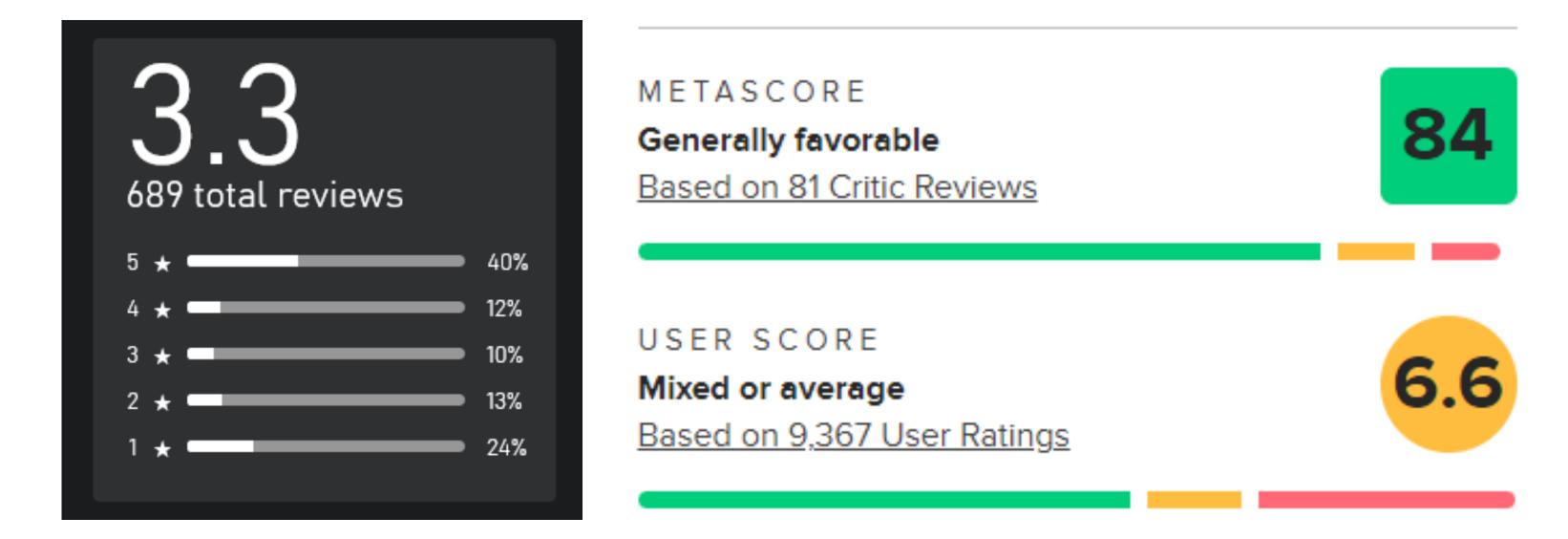
- According to the announcement from Starfield's "X" account, Starfield has surpassed 10M players since launch
- This denotes Bethesda's biggest launch in the company's history
- Starfield's launch is quite unique for Bethesda, as it was also available day one on Game Pass

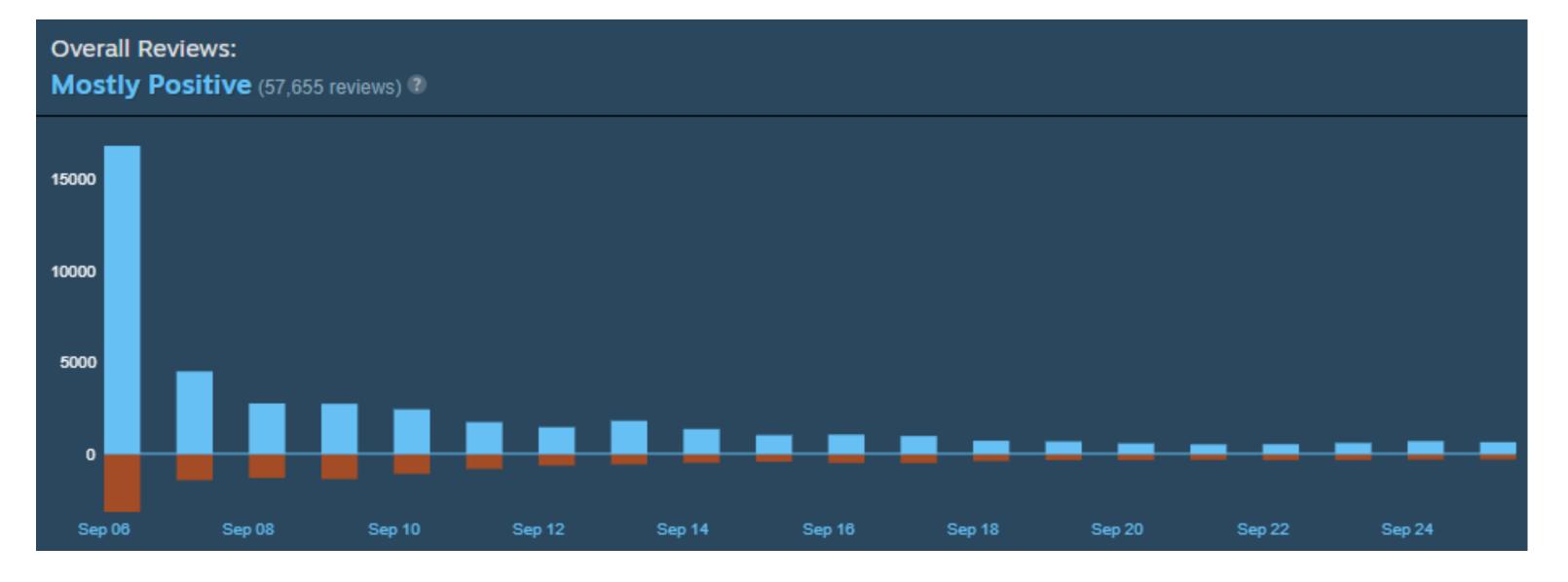




Reviews & reception

- Starfield's **reviews on Game Pass were mixed**, averaging 3.3 out of 5.0
- Starfield launched to mostly positive reviews, with a 72.09% positive rating on Steam
- Critics had a more favorable reception of Starfields launch and the aggregated critic score reached 84 on Metacritic
- User Scores on Metacritic were significantly lower at a 6.6 average rating out of 10 on Metacritic, which echoes the reviews on Game Pass







Ad spend

- competitive comparison

- Starfield (Microsoft) ranked #2 in PC & Console RPGs in estimated ad spend for 2023 YTD
- Hogwarts Legacy (WB) held the #1 rank and Diablo IV (Activision Blizzard) held #3
- Cyberpunk 2077 (CD Projekt) and Baldur's Gate 3 (Larian) launched much closer to Starfield and were ranked #11 and #16 respectively, with dramatically smaller ad spend

PC & Console RPGs

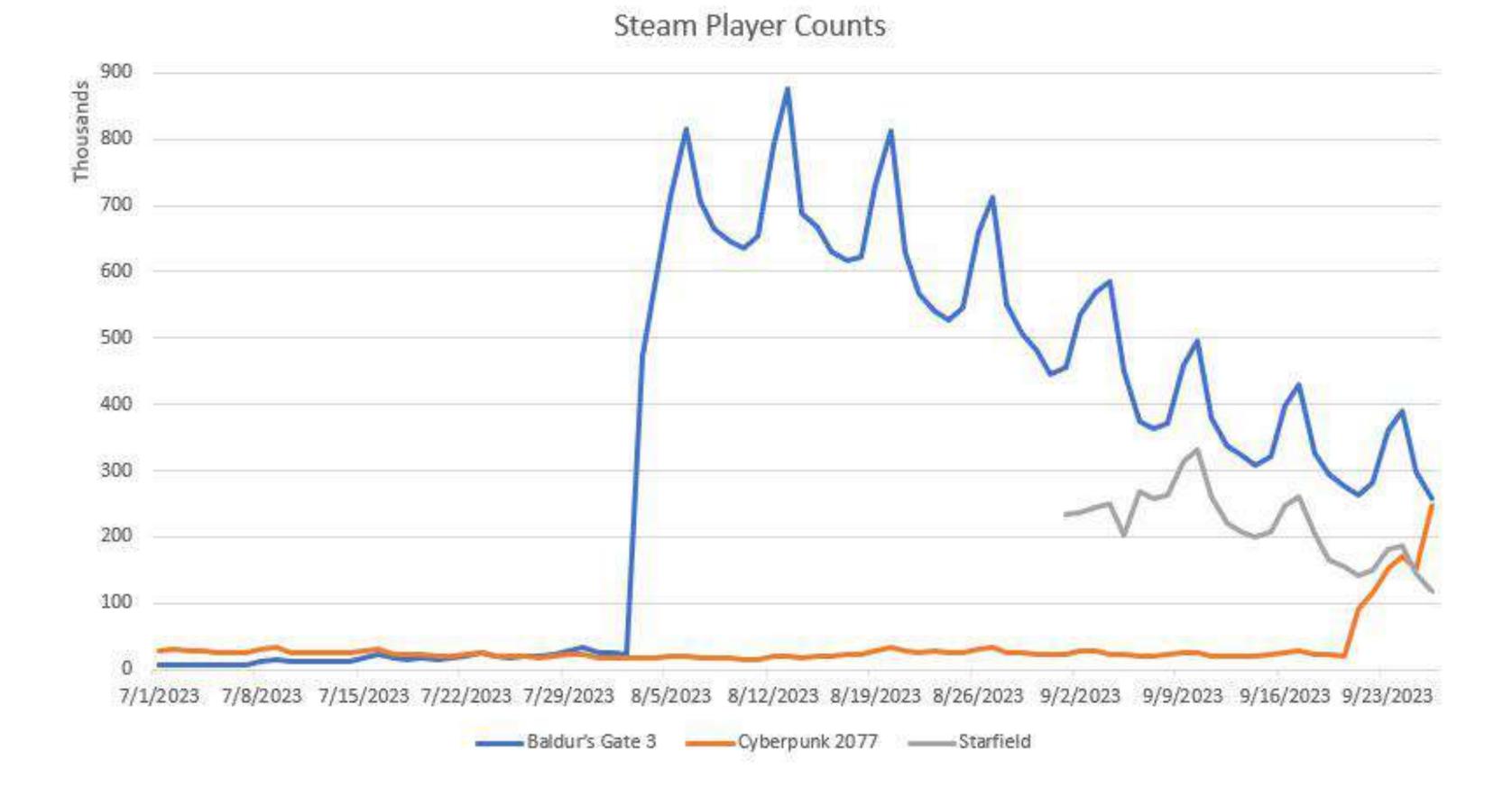
Pathmatics Estimated Ad Spend & Impressions Region: United States / Timeframe: 1/1/2023 - 9/23/2023

Advertiser	Rank	Spend	Impressions
Warner Bros. Interactive Entertainment	1	US\$32,974,800	3,543,403,700
Microsoft	2	US\$21,199,100	2,171,520,000
Activision Blizzard, Inc.	3	US\$19,937,000	1,964,360,400
Square Enix Holdings Co., Ltd.	4	US\$17,612,100	1,826,583,900
miHoYo Co., Ltd.	5	US\$11,093,600	1,651,050,300
CD Projekt S.A.	11	US\$1,859,400	237,449,700
Larian	16	US\$1,095,000	140,187,900



Steam launch - competitive comparison

- Starfield's **Steam playerbase is considerably lower** due to it being available on Game Pass and Xbox
- Despite this, Starfield did reach #27 for All-Time
 Peak Players on Steam during its peak the weekend
 after release
- In comparison, Cyberpunk 2077's All-Time Peak
 player count ranks #5 (during the original launch),
 and Baldur's Gate 3 comes in at #9
- Cyberpunk 2077 player count surpassed Starfield during their 2.0 version launch, and continued to spike at the launch of their first DLC Phantom Liberty

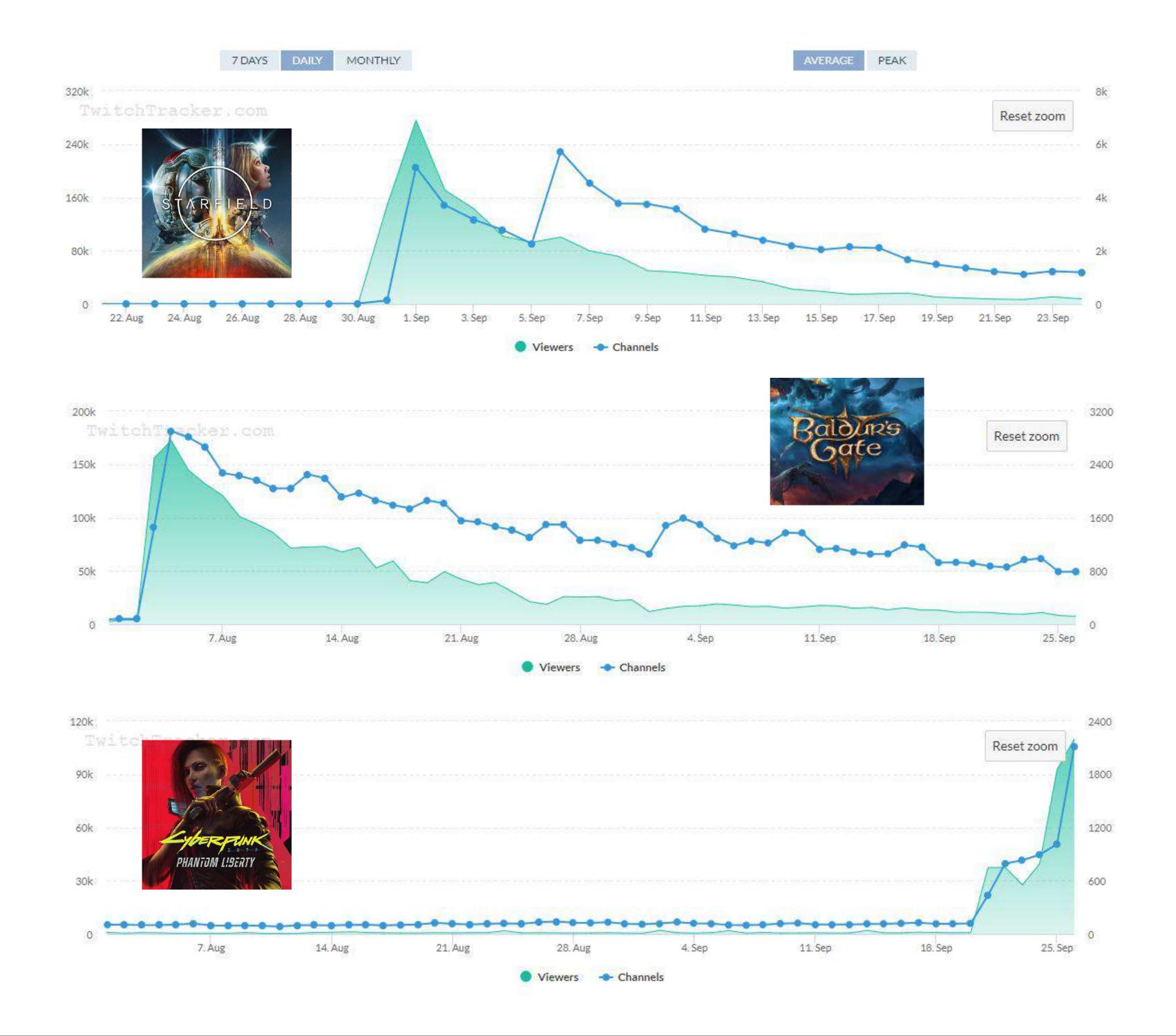


Title	All-Time Rank	All-Time Peak	2023 Peak
Starfield	27	330,723	330,723
Cyberpunk 2077	5	1,054,388	246,754
Baldur's Gate 3	9	875,343	875,343



Twitch viewership - competitive comparison

- Twitch viewership peaked at early access for
 Starfield followed by a huge spike in channels at the official launch
- The increase in channels broadcasting Starfield at launch did not lead to a dramatic increase in viewership
- Starfield viewership continued to decrease steadily post launch and now averages about 14k viewers per day for September
- Cyberpunk 2077 and Baldur's Gate 3 currently hold
 higher daily peak viewers than Starfield





Starfield launch: Key takeaways

- Starfield was Bethesda's biggest launch in company history, with a brand new IP/Universe garnering over 10M players worldwide on PC and Xbox which includes pre-orders, purchases, and Game Pass subscribers
- **Up against heavy competition** in the PC & Console RPG market, Starfield's launch was sandwiched between the critically acclaimed Baldur's Gate 3 and Cyberpunk 2077's version 2.0 release and their first DLC Cyberpunk 2077: Phantom Liberty
- Starfield's launch marketing strategy shifted significantly from their pre-launch campaigns and **focused primarily on OTT**, which they had not used in prior campaigns
- With years of marketing and hype building up among the playerbase, user reviews came back fairly mixed: 3.3/5 on Game Pass, 6.6/10 on Metacritic, and a 72% positive reviews on Steam





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Evaluate which SDKs apps are using and measure SDK adoption across market segments.

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Develop winning user acquisition campaigns with insight into creatives achieving majority SOV.

Pathmatics **RMI**

Benchmark app usage and engagement and understand demographics of your users.



About Sensor Tower

Sensor Tower is the leading solution for mobile marketers, app developers, and industry analysts who demand competitive insights on the mobile economy. Sensor Tower's product suite includes: Top Charts, App Intelligence, Store Intelligence, Ad Intelligence, and Usage Intelligence.

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Sensor Tower is the leading provider of market intelligence for the global digital economy. We provide quality data to better inform your most important business decisions. Our product Pathmatics empowers brands with the digital marketing intelligence needed to seize new digital opportunities and drive business growth. With the broadest coverage in the industry including Facebook, Instagram, YouTube, Snapchat, TikTok, OTT, display, video, and more.

Contact press@sensortower.com for more information.





Our solution Sensor Tower

Target areas for improvement using Sensor Tower

- Know how competitors are spending, where they're targeting, and which campaigns stand the test of time
- Understand how competitors reach other regions and how much they're willing to spend to reach them
- Make data-driven decisions on your schedule with scoped, tailored, reports delivered when your team needs them
- Expand your creative output and better connect with your audiences by having a central place to view competitor creative messaging, imagery, and CTA
- Create data-driven competitor mood boards and tailor messages to resonate with your audience
- Optimize campaigns equipped with visibility into the activities of your partners. Review relationship and make confident and informed adjustments











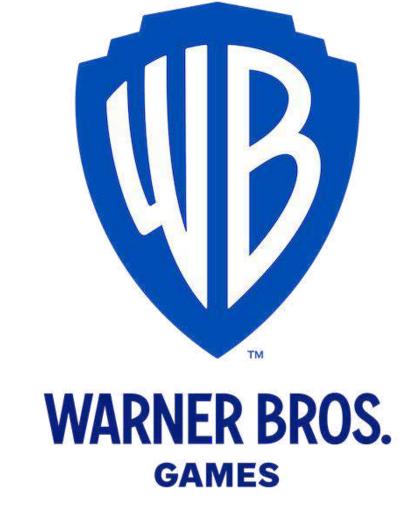
Our solution Pathmatics

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