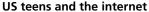


# Metaverse

# Longer Term Investments (LTI)

We see the metaverse as a deeply immersive virtual experience that will have a widespread impact on economic activity. Consumer-facing industries such as media and entertainment, advertising, and even apparel will likely be active participants in the metaverse. The continued decline in computing costs and data transport, along with advancements in blockchain and artificial intelligence, will be key enablers in its development and adoption.

Projections and opportunities



According to Pew Research Center, the percantege of US teens who say they use the internet "almost constantly" was 46% in 2022, up from just 24% in 2014-15. In the same study, 97% of teens reported using the internet on a daily basis. In our view, digitally savvy consumers make widespread adoption of the metaverse possible.

Source: Pew Research Center

#### Live music industry

The approximately USD 30 billion live music industry is already being disrupted by virtual concerts, which are attracting millions of consumers worldwide. A Fortnite concert with DJ Marshmello had 10.7 million concurrent virtual attendees.

Fortnite concert concurrent virtual attendees



#### AR and VR

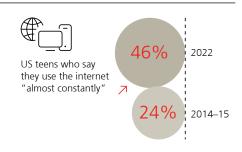
AR and VR revenues are expected to grow by almost 5x from 2020-25.





AR and VR revenue growth

Source: eMarketer, IDC, Goldman Sachs, Bloomberg Intel-



#### Gen Z media consumption

90% of the Gen Z cohort engages with video games and virtual worlds, spending an average of 12.9 hours per week.

### 90%

Gen Z engaged with video games and virtual worlds



Source: Newzoo

#### **Token-based transactions**

Token-based transactions reached USD 10 billion in 2022, according to Bloomberg, and are expected to grow at a 35% compounded annual growth rate until 2030. The trend is supported by crypto and digital wallet adoption by the younger demographic.



USD 10bn transactions in 2022

CAGR growth until 2030

Source: Bloomberg

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Metaverse investment properties



○ Influencer

Key drivers



## Near-term drivers

- Younger populations becoming a larger part of the consumer cohort as they enter peak earnings years, and are "digital natives," having grown up in a world where technology was already ubiquitous
- Computing costs decreasing
- Emergence of immersive virtual experiences and events such as concerts
- Development of generative AI

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