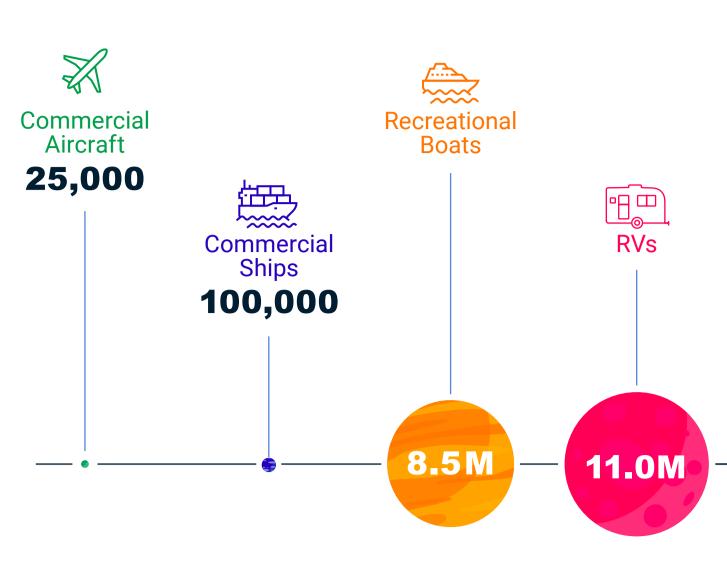
### **Could Tomorrow's**

# Internet be Streamed from Space?

In 2023, 2.6 billion people were unable to access the Internet. Companies are increasingly looking to innovation to get people online at the speeds that today's technology requires, and satellite internet could provide a solution. Source: ITU, 2023

### What is the **Potential Customer Base** of Satellite Internet?

Satellite internet provides people who don't live or work in a fixed location with a means to get online.



Source: ARK Investment Management LLC, 2023

### Advantages of **Low Earth Orbit Satellites**

Falcon 9\* **Space Shuttle Average Rocket Turnaround Time** 



21 Days

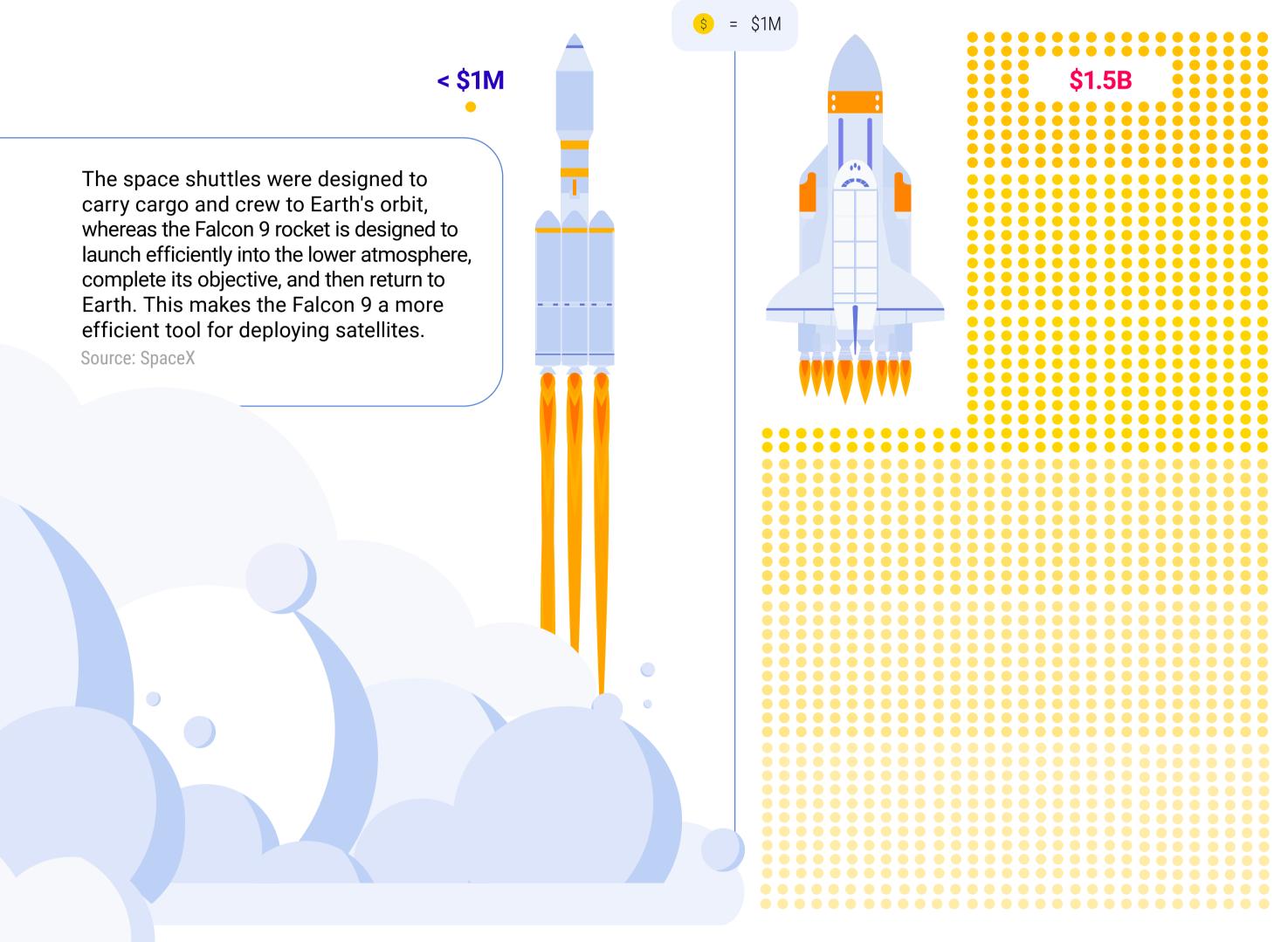
252 Days

**Households Without** 

**Internet Access** 

600.0M

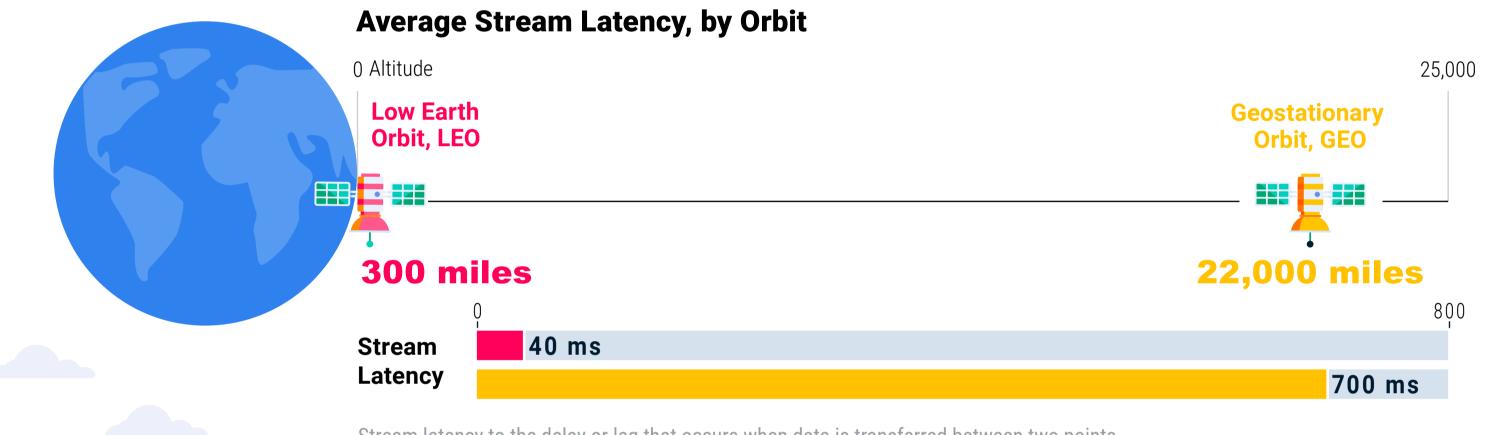
### **Average Launch/Refurbishment Cost**



\*Assuming Falcon 9 is using SpaceX Reuse 2022 rockets. \$1.5B approximately.

Source: ARK Investment Management LLC, 2023

Once deployed, satellites in low orbit have the potential to transfer data faster than those in GEO.

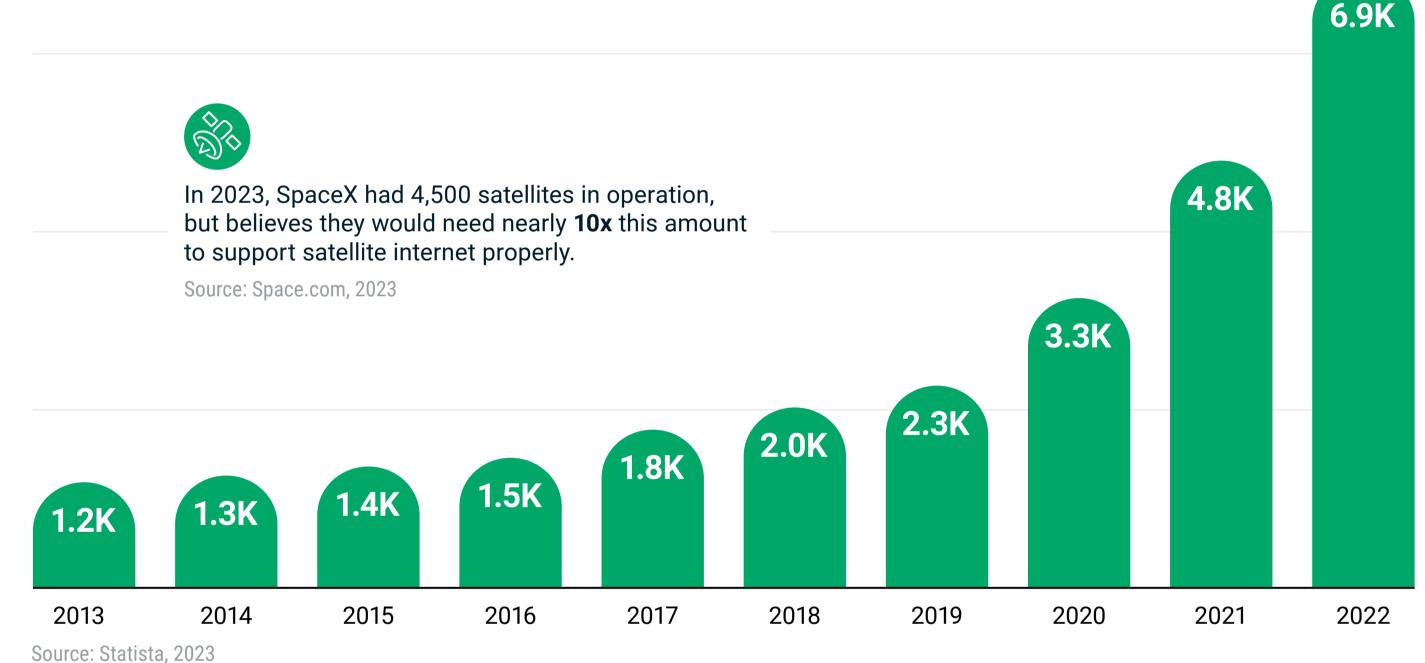


Stream latency to the delay or lag that occurs when data is transferred between two points.

Satellite launches are routine, but more will be required to support satellite internet.

## **Total Number of Active** Satellites in Orbit, by Year





### **Understanding the Next-Generation Internet Innovation** Indexes

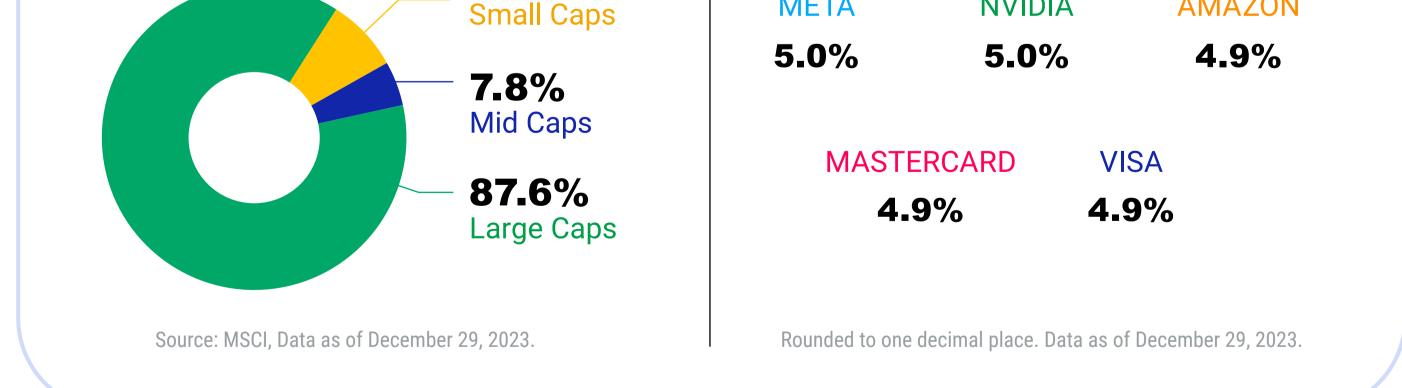
The MSCI Next Generation Internet Innovation Indexes aim to represent the performance of a set of companies associated with the Internet and take advantage of potential future disruptive technologies.



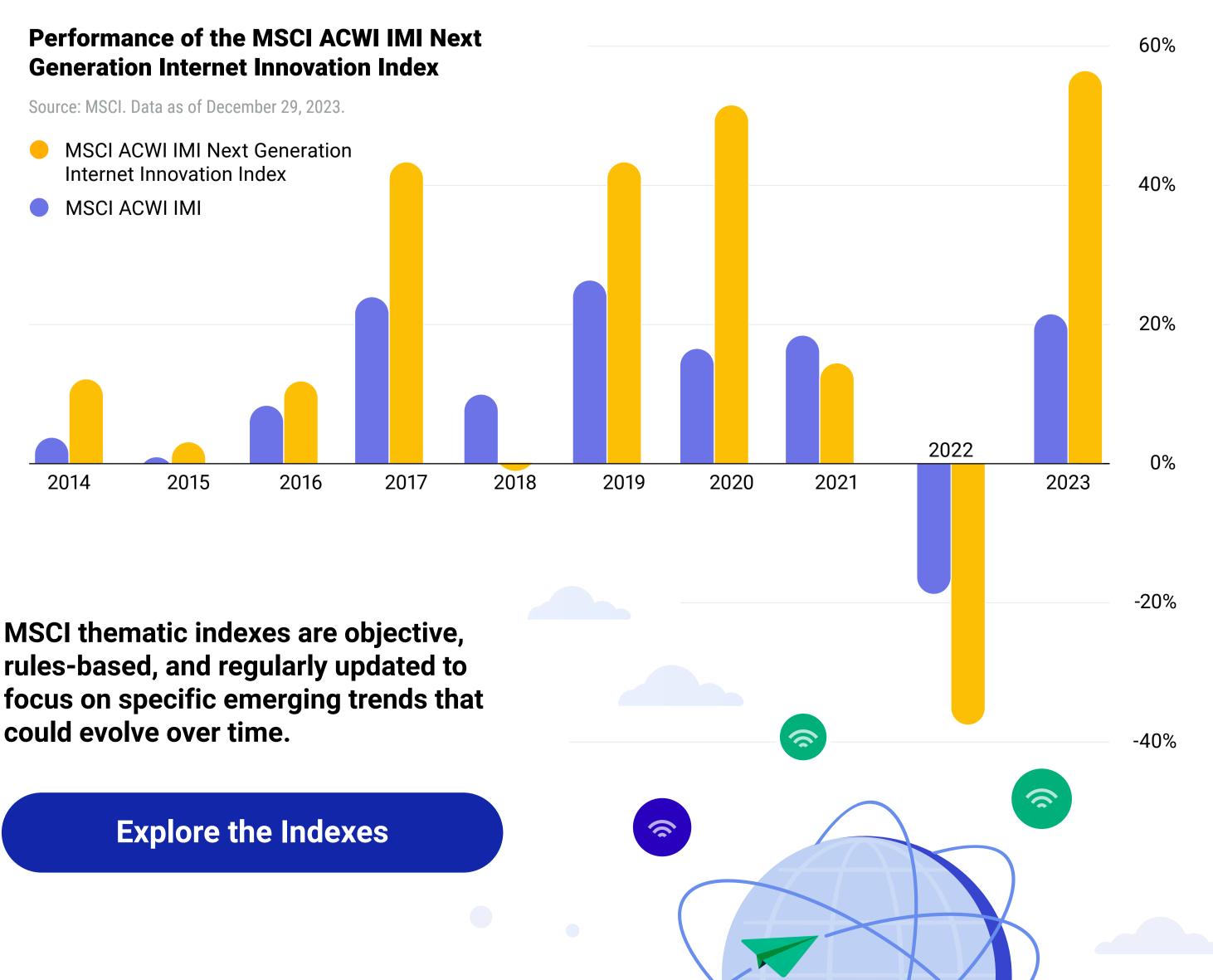
META

**NVIDIA** 

**AMAZON** 



4.6%



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