

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

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

Once deployed, satellites in low orbit have the

potential to transfer data faster than those in GEO.

Source: ARK Investment Management LLC, 2023

Geostationary

Orbit, GEO

22,000 miles

700 ms

6.9K

4.8K

25,000

* Assuming Falcon 9 is using SpaceX Reuse 2022 rockets.

Average Stream Latency, by Orbit

40 ms

\$1.5Ba approximately.

0 Altitude

Stream

Latency

Low Earth

Orbit, LEO

300 miles

SpaceX currently has 4,500 satellites in operation but believes they would need nearly 10x this amount to support satellite internet properly.

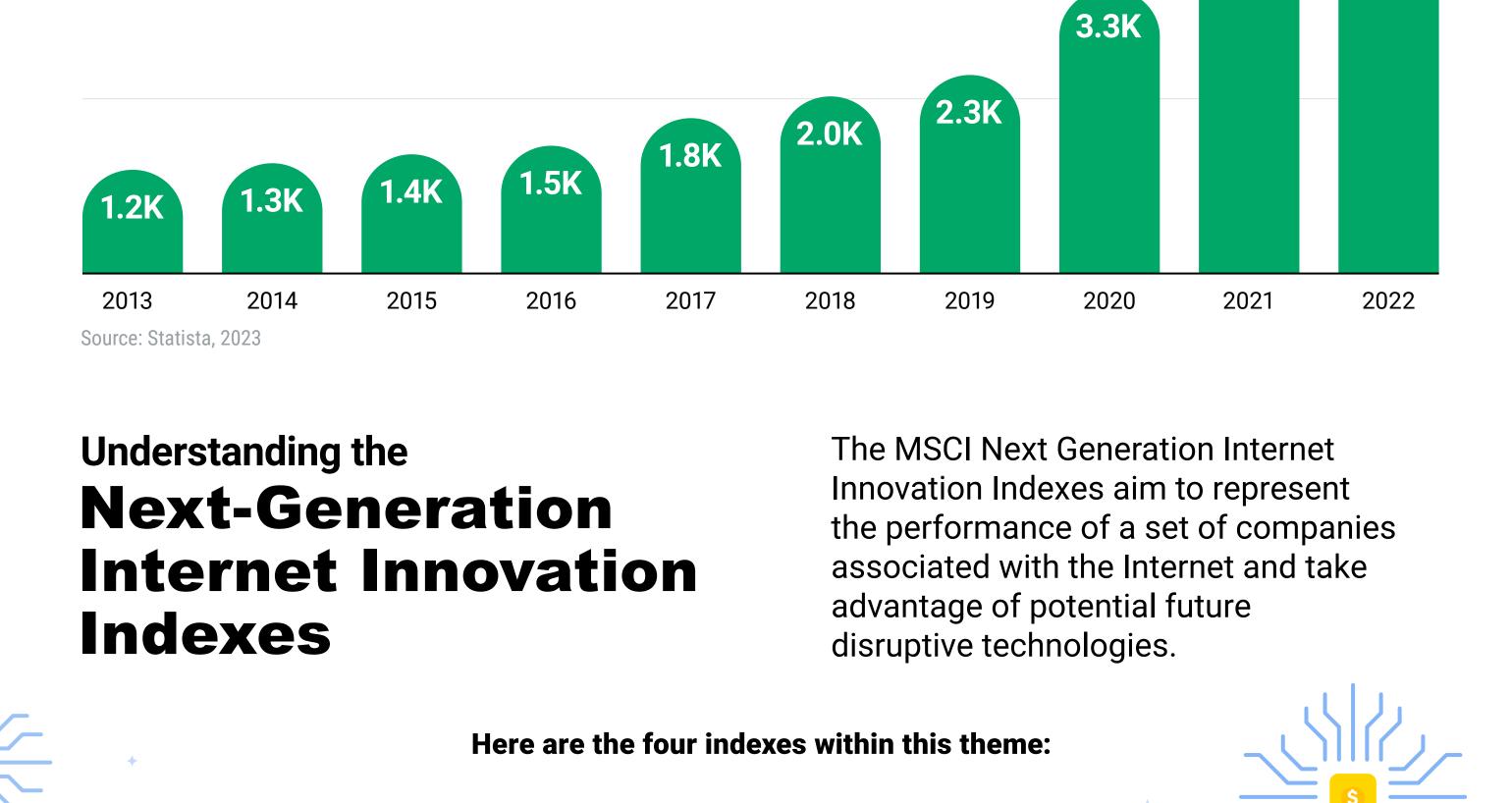
Source: Space.com, 2023

MSCI ACWI IMI Next Generation

Internet Innovation Index

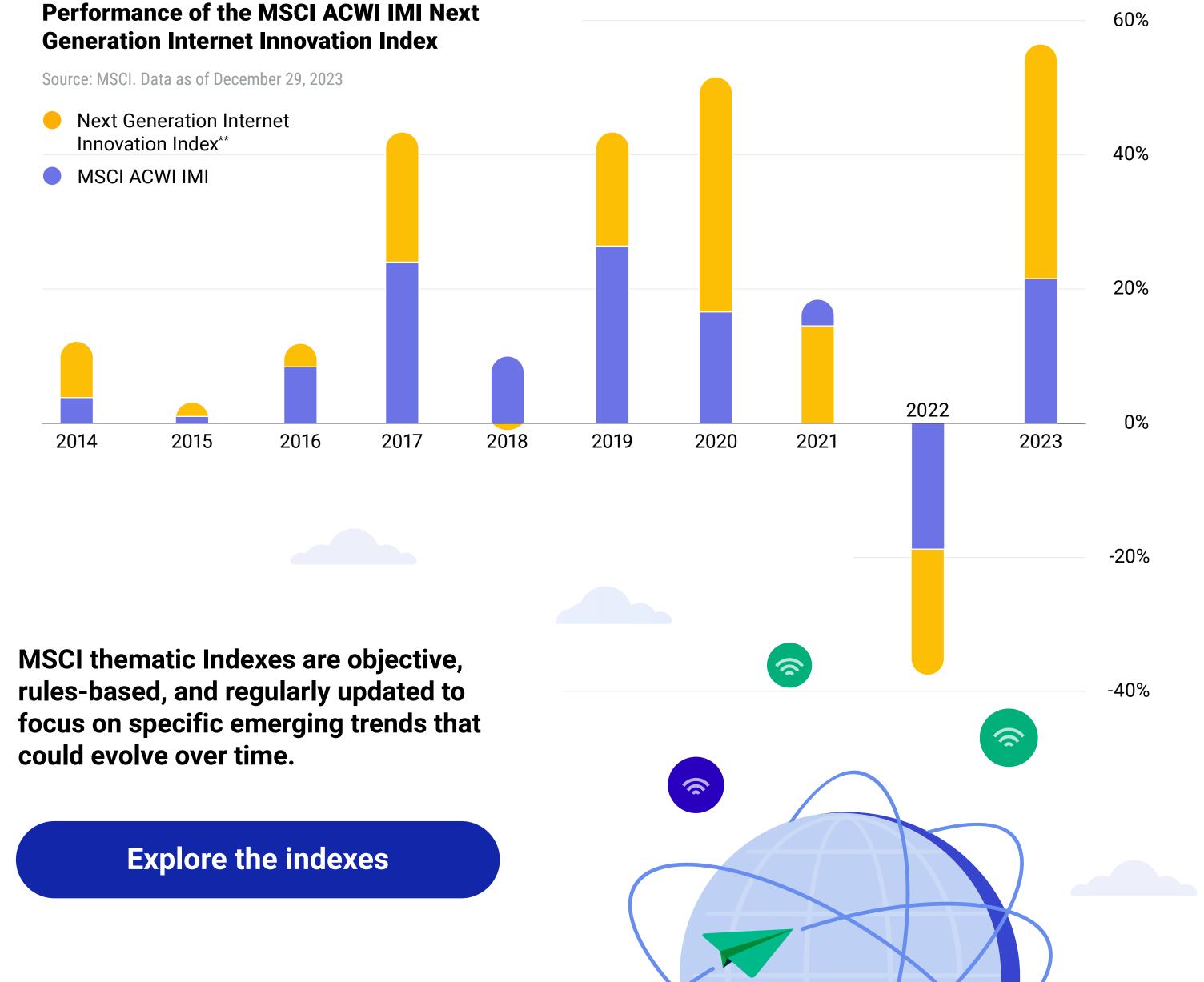
Number of Active

Satellites by Year



MSCI World IMI Next Generation Internet Innovation 30 Index

MSCI China All Shares IMI Next **Generation Internet Innovation Index** MSCI China A Onshore IMI Next **Generation Internet Innovation Index** The MSCI ACWI IMI Next Generation Internet Innovation Index is designed to represent the performance of a set of companies associated the development of new internet-based products and services. **Top 5 Constituents Size Exposures** 4.6% amazon.com° **Small Caps DVIDIA**® 5.0% 5.0% 4.9% **7.8%** Mid Caps VISA **87.6**% Large Caps 4.9% 4.9% Rounded to one decimal place. Data as of December 29, 2023



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