

Global Orbital Space Launches

Q4 2022

Orbital Launches by Launch Provider

In Q4, SpaceX and CASC had the most orbital launches.

18
LAUNCHES



9
LAUNCHES



ROSCOSMOS

2
LAUNCHES

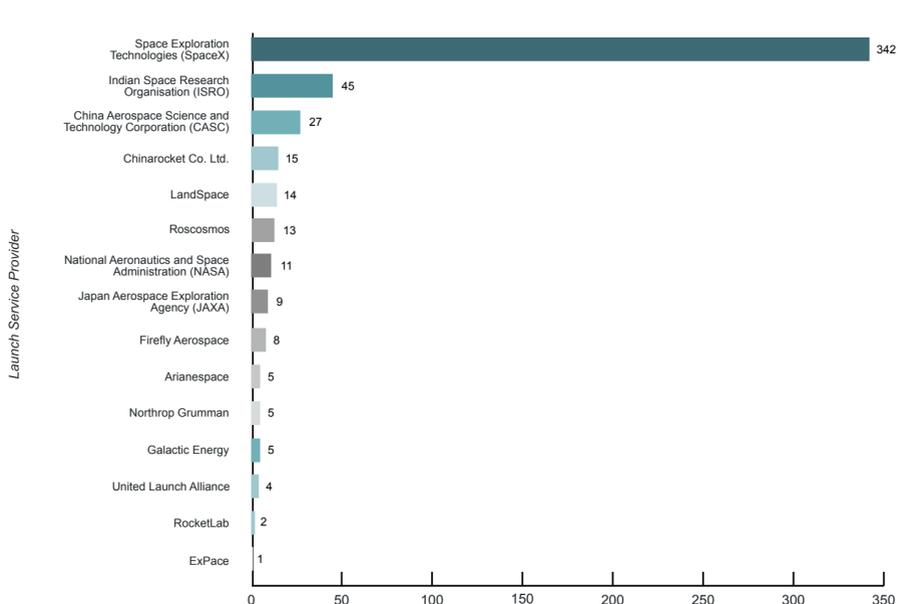


1
LAUNCH



Spacecraft Launched by Provider

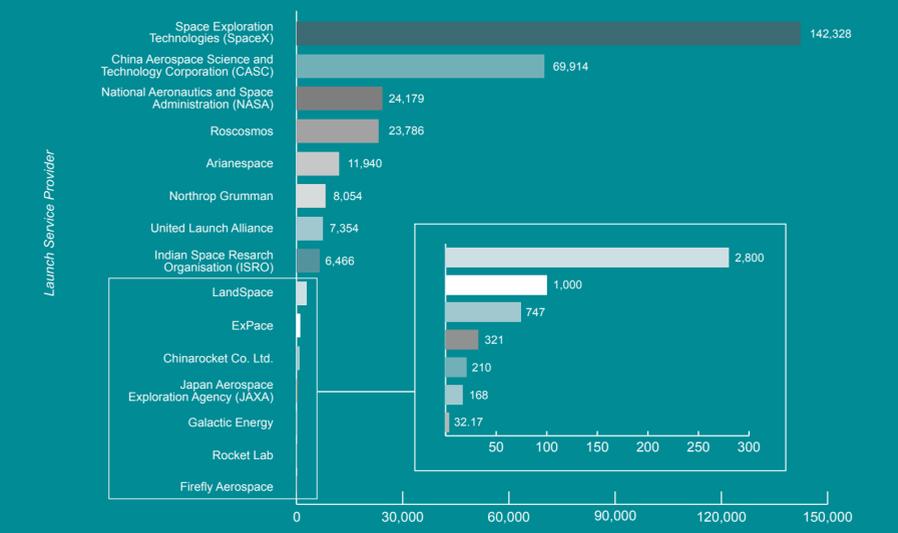
In Q4, SpaceX launched 342 spacecraft, the most of any launch provider



Includes spacecraft launched regardless of operational status

Spacecraft Upmass Carried by Launch Provider

SpaceX launched about 142,328 kg of spacecraft upmass in Q4, followed by CASC with about 69,914 kg



Includes estimates of spacecraft mass when not publicly disclosed

Orbital Launches by Country

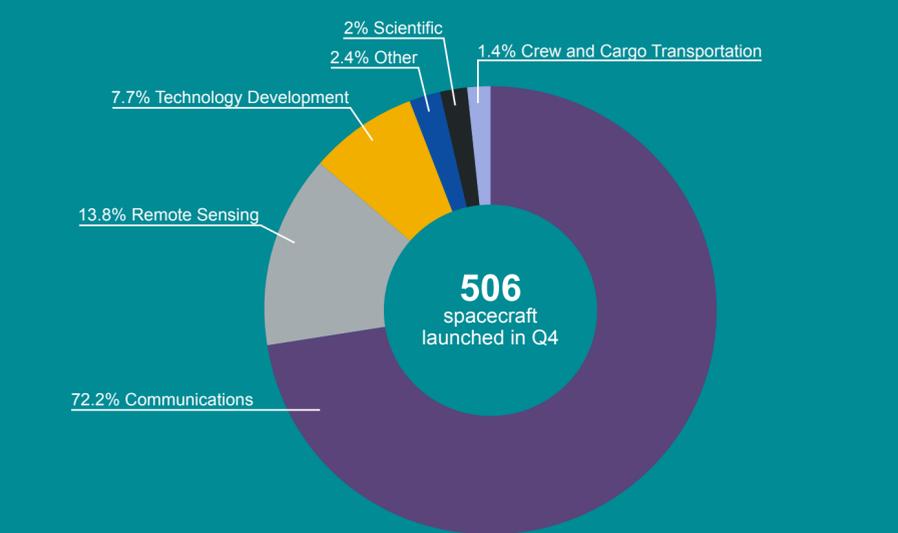
U.S. providers conducted 25 launches, while Chinese providers conducted 22 launches



*Rocket Lab is headquartered in the U.S. with a subsidiary in New Zealand. It is counted here as a U.S. company

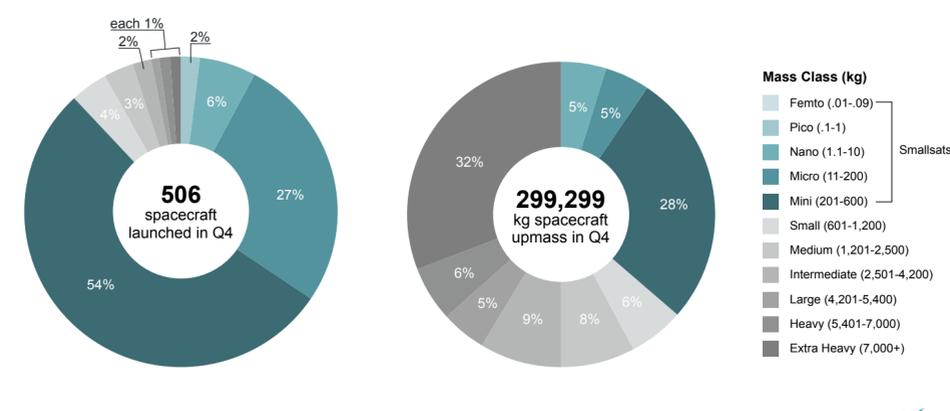
Spacecraft by Service Type

Driven by continued deployment of the Starlink constellation, most spacecraft launched in Q4 were communications satellites



Spacecraft Launched and Total Upmass by Mass Class

Smallsats represented 89% of spacecraft launched in Q4, 39% of total upmass



Spacecraft by Operator Type

Most spacecraft launched in Q4 are operated by commercial companies

