

Global Orbital Space Launches

Q3 2023

Orbital Launches by Launch Provider

In Q3, SpaceX had the most orbital launches, followed by CASC

26
LAUNCHES



12
LAUNCHES



5
LAUNCHES



4
LAUNCHES



3
LAUNCHES



2
LAUNCHES

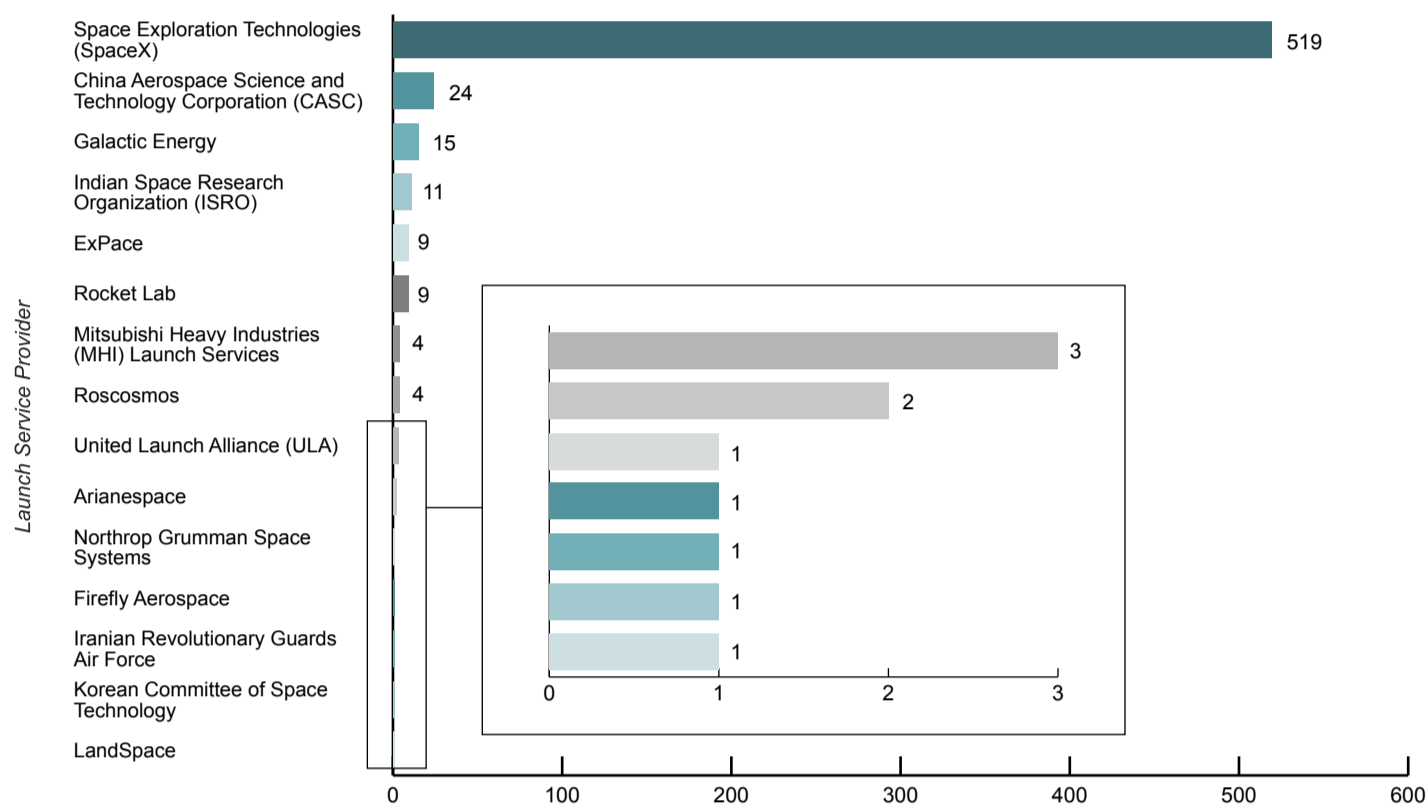


1
LAUNCH



Spacecraft Launched by Provider

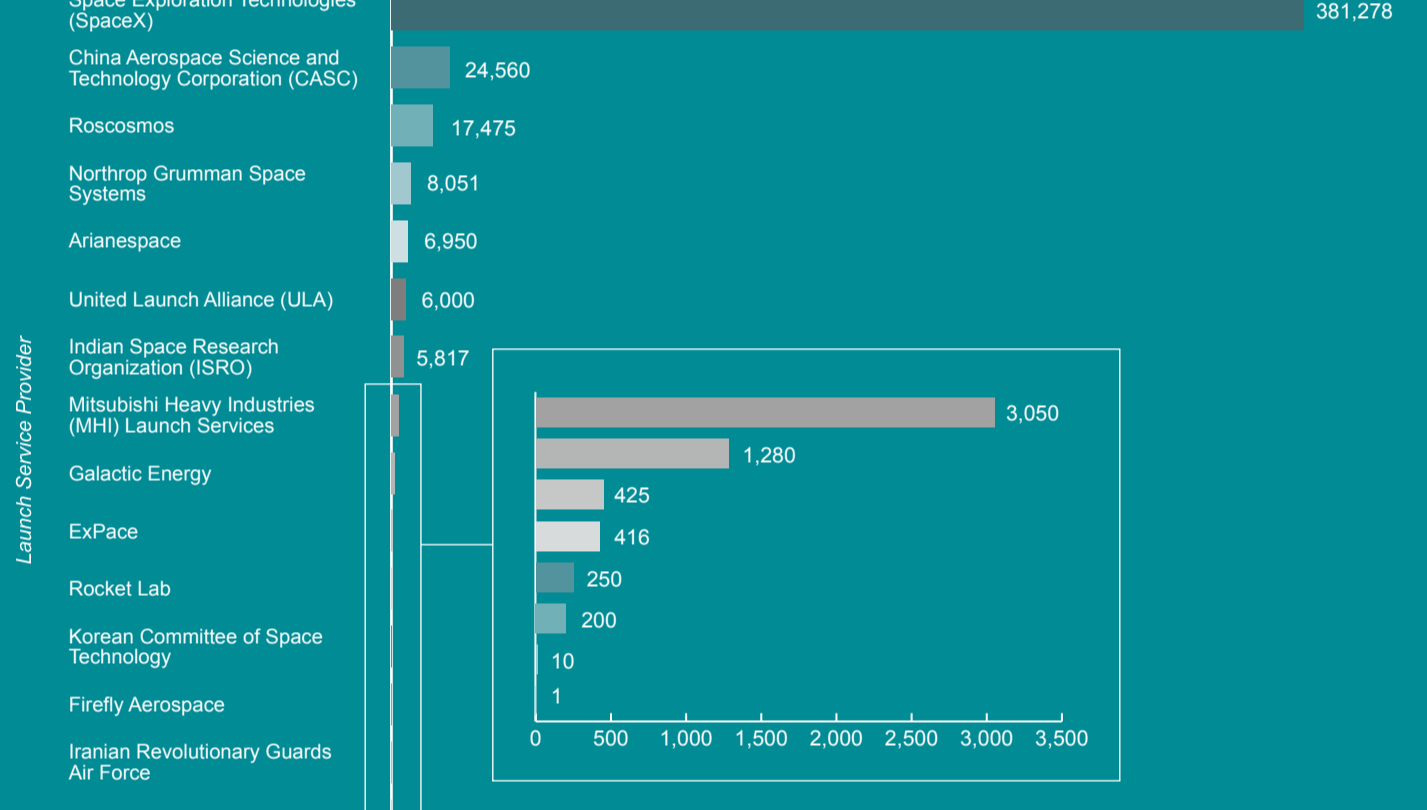
In Q3, SpaceX launched 519 spacecraft, the most of any launch provider



Includes spacecraft launched regardless of operational status

Spacecraft Upmass Carried by Launch Provider

SpaceX launched about 381,278 kg of spacecraft upmass in Q3, followed by CASC with about 24,560 kg



**Includes estimates of spacecraft mass when not publicly disclosed*

Orbital Launches by Country

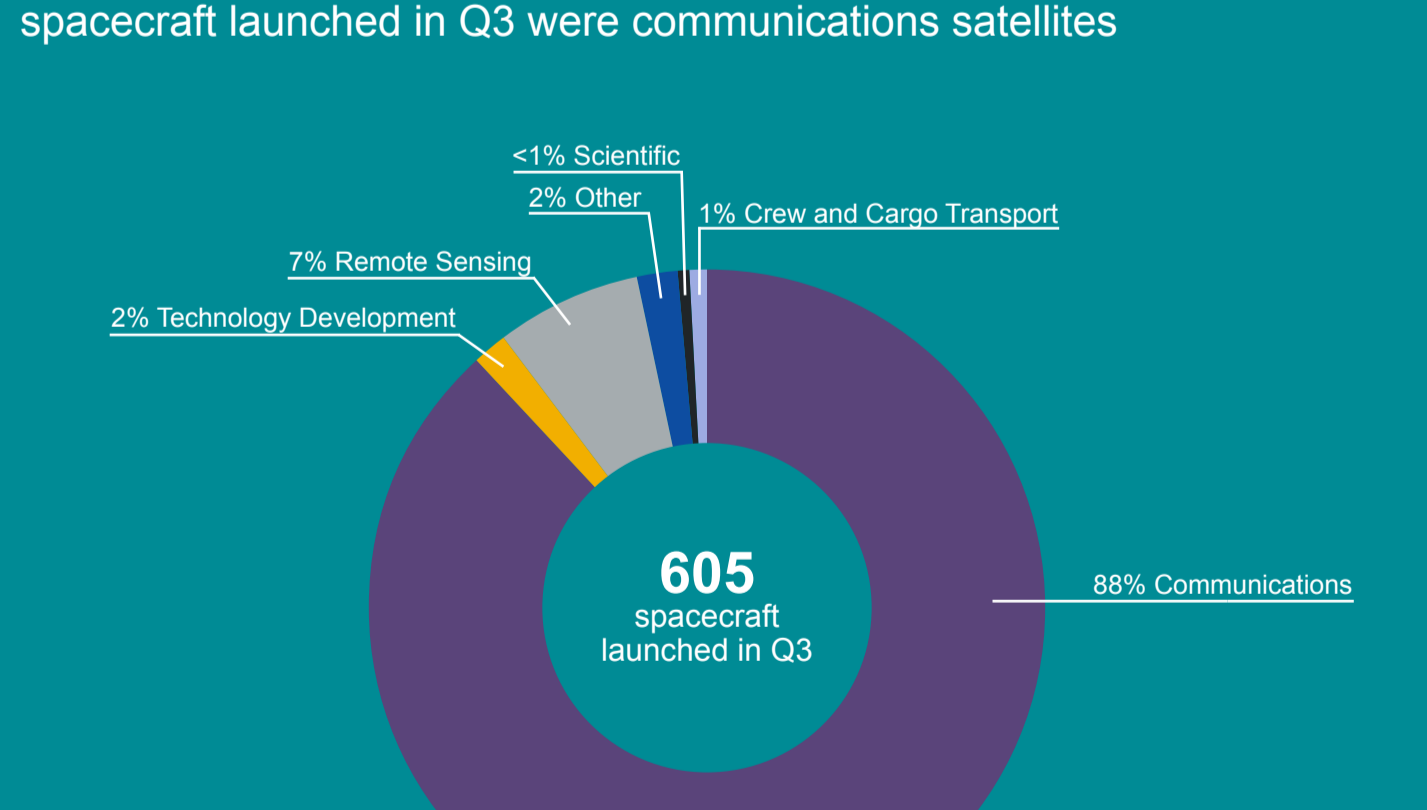
U.S. providers conducted 32 launches, while Chinese providers conducted 20 launches



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

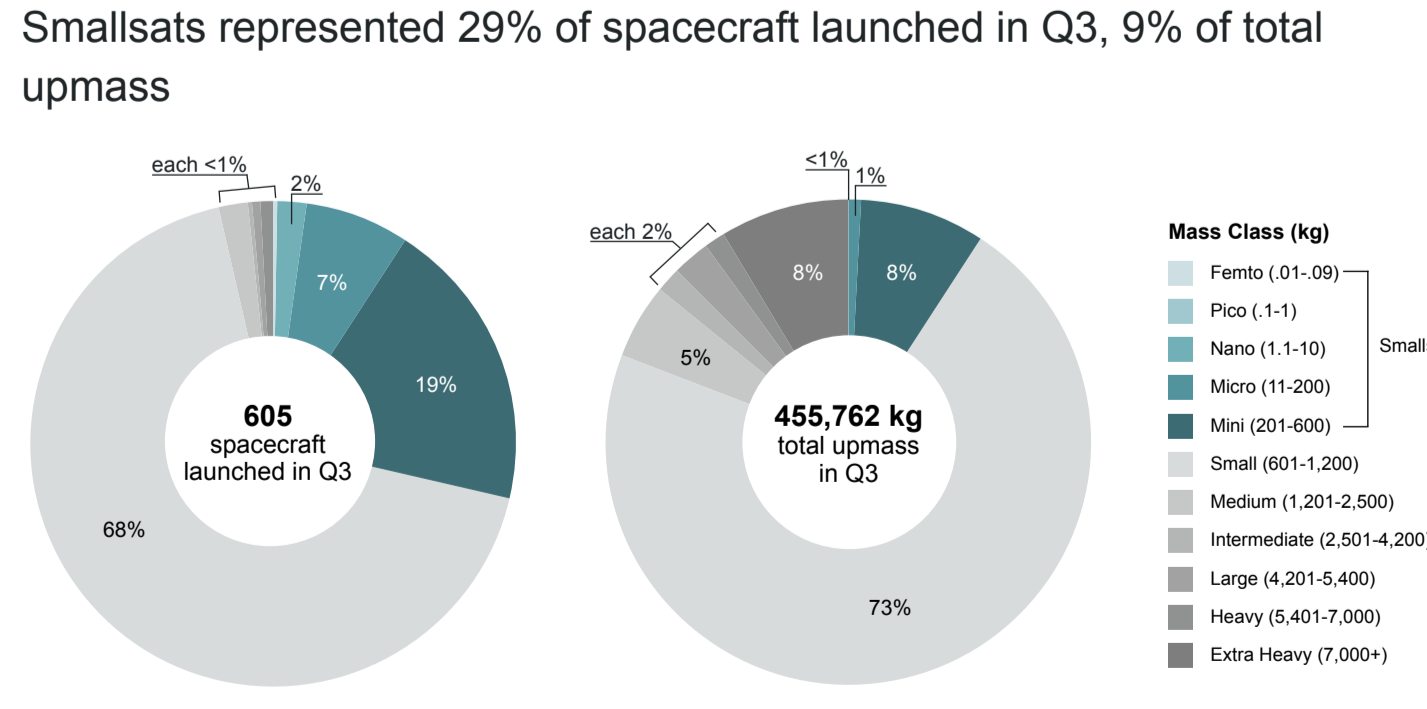
Spacecraft by Service Type

Driven by continued deployment of the Starlink constellation, most spacecraft launched in Q3 were communications satellites



Spacecraft Launched and Total Upmass by Mass Class

Smallsats represented 29% of spacecraft launched in Q3, 9% of total upmass



Starlink v2.0 Mini satellites with a mass of ~800 kg began deploying in Q3.

Spacecraft by Operator Type

Most spacecraft launched in Q3 are operated by commercial companies

