

# Global Orbital Space Launches

## Q1 2023

### Orbital Launches by Launch Provider

In Q1, SpaceX had the most orbital launches, followed by CASC

**21**

LAUNCHES



**12**

LAUNCHES



**6**

LAUNCHES



ROSCOSMOS

**3**

LAUNCHES



ROCKET LAB

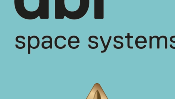
**2**

LAUNCHES



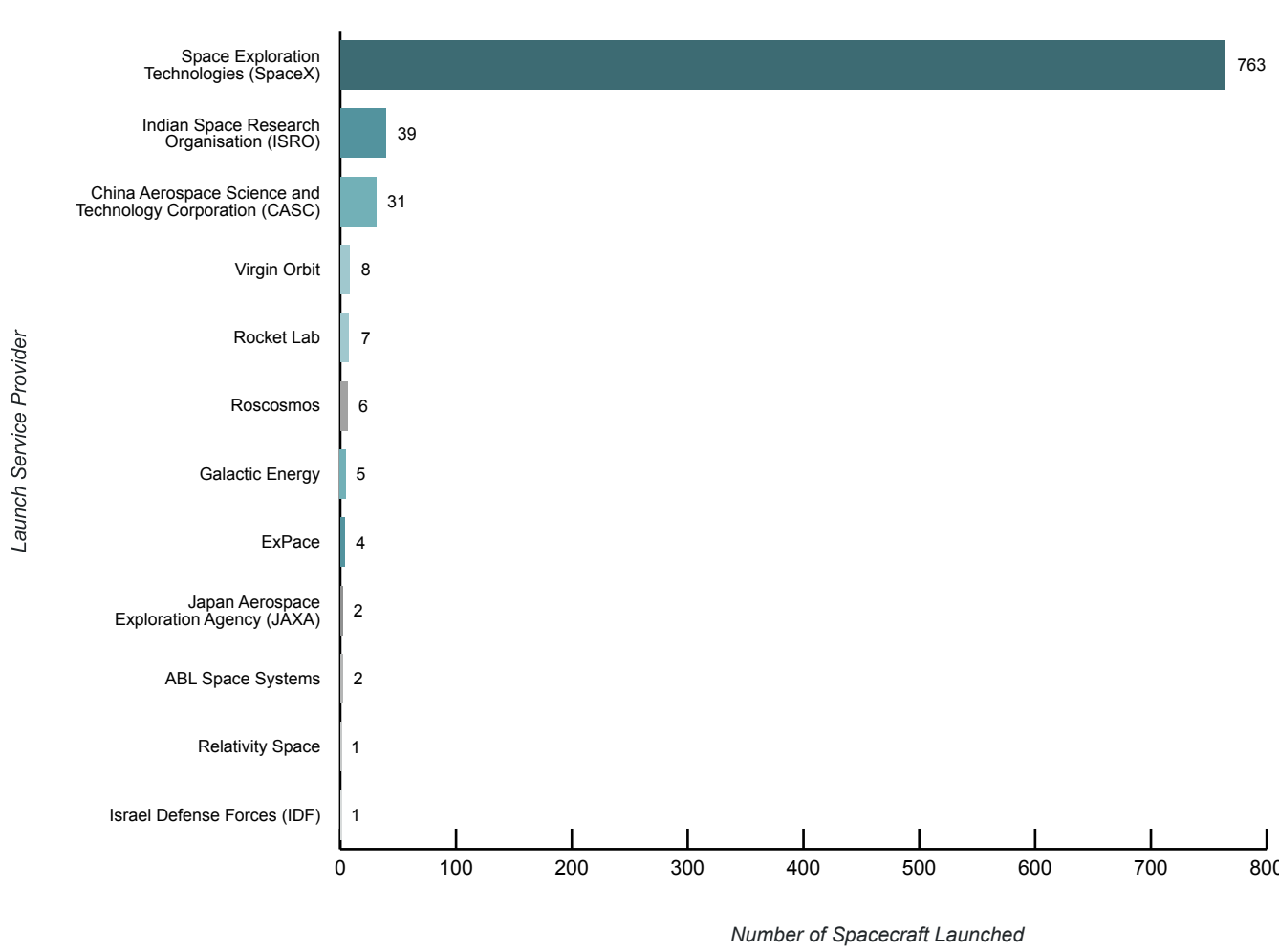
**1**

LAUNCH



### Spacecraft Launched by Provider

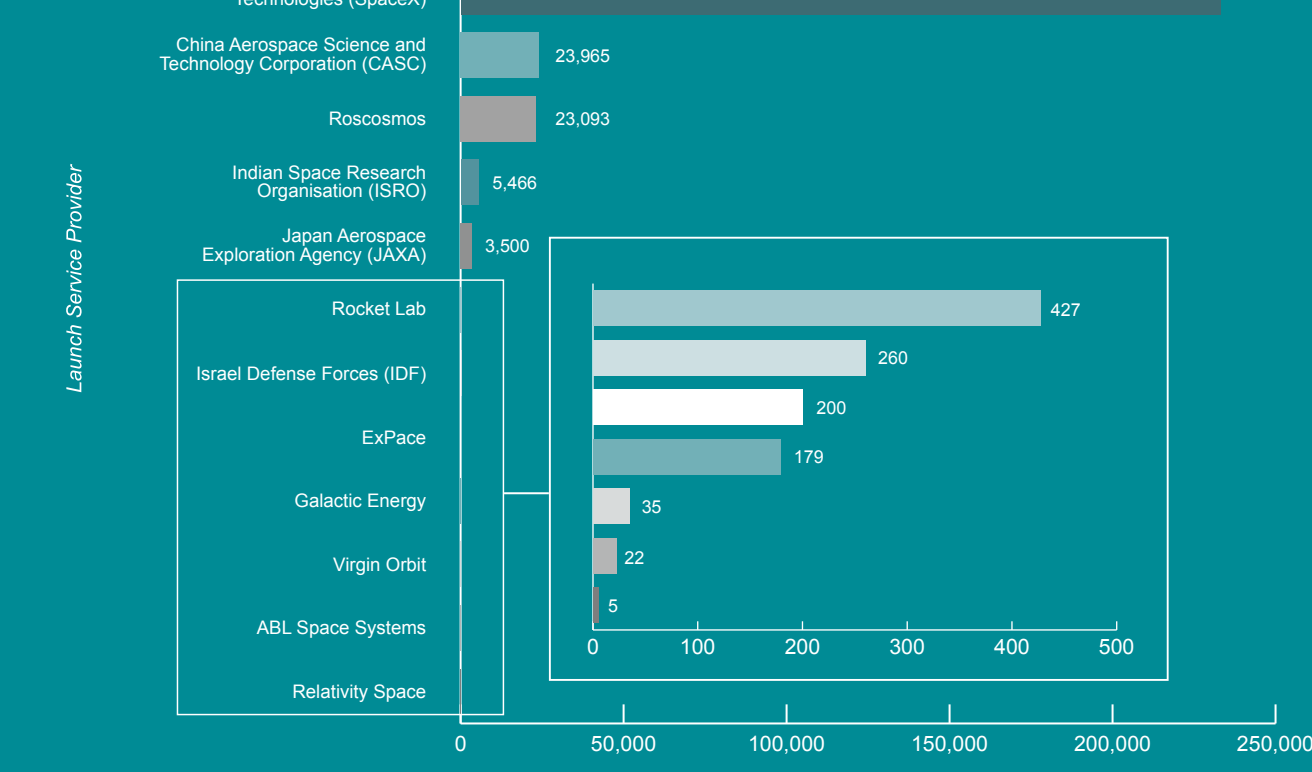
In Q1, SpaceX launched 763 spacecraft, the most of any launch provider



Includes spacecraft launched regardless of operational status

### Spacecraft Upmass Carried by Launch Provider

SpaceX launched about 233,114 kg of spacecraft upmass in Q1, followed by CASC with about 23,965 kg



Includes estimates of spacecraft mass when not publicly disclosed

### Orbital Launches by Country

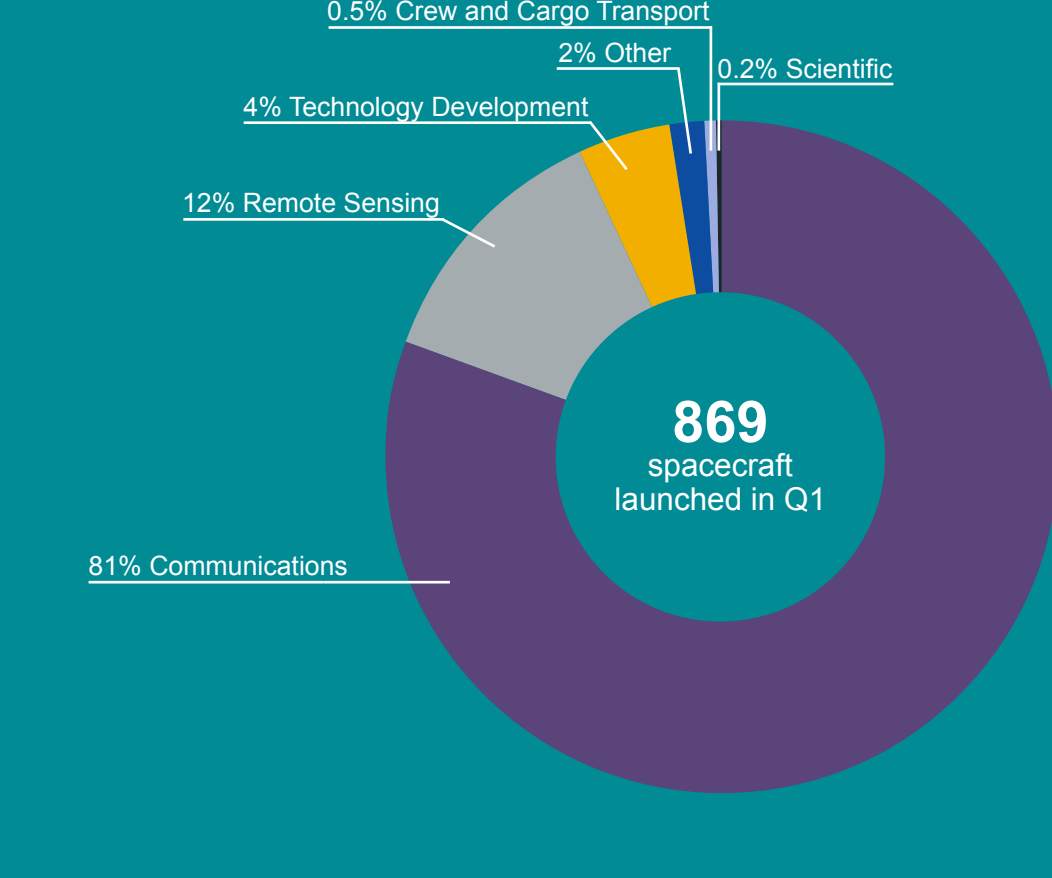
U.S. providers conducted 27 launches, while Chinese providers conducted 14 launches



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

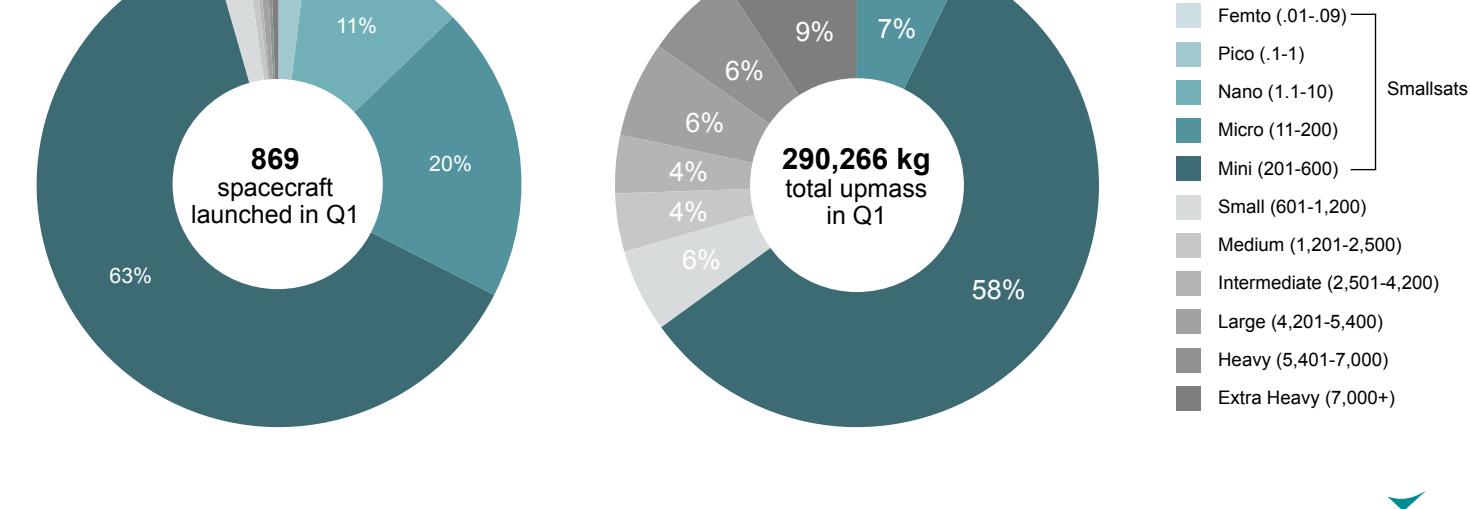
### Spacecraft by Service Type

Driven by continued deployment of the Starlink constellation, most spacecraft launched in Q1 were communications satellites



### Spacecraft Launched and Total Upmass by Mass Class

Smallsats represented 96% of spacecraft launched in Q1, 65% of total upmass



### Spacecraft by Operator Type

Most spacecraft launched in Q1 are operated by commercial companies

