

Global Orbital Space Launches

Q4 2023

Orbital Launches by Launch Provider

In Q4, SpaceX had the most orbital launches, followed by CASC

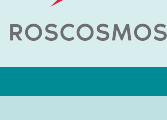
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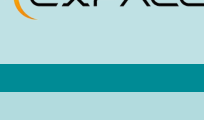
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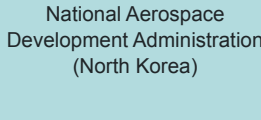
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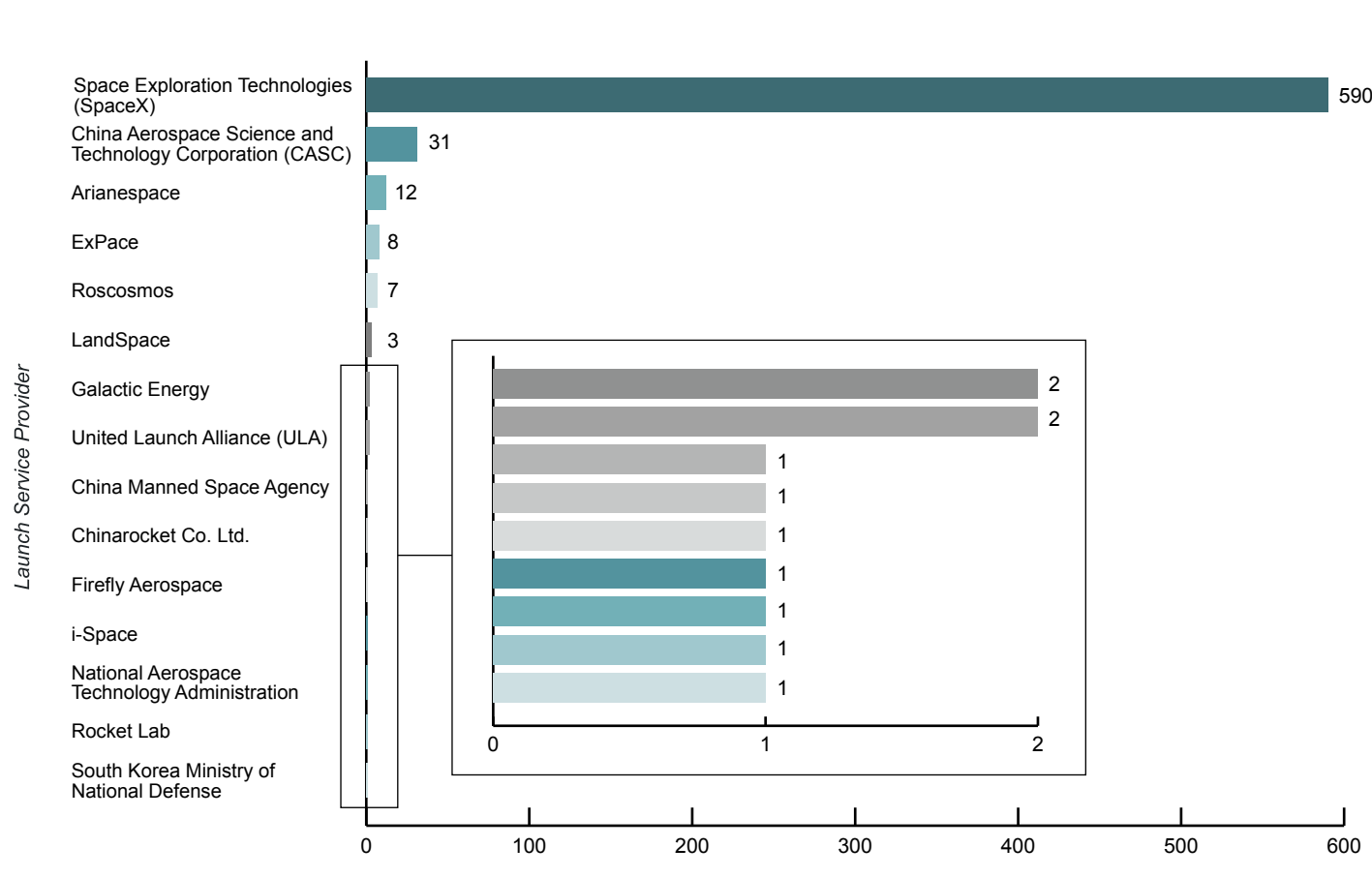


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Spacecraft Launched by Provider

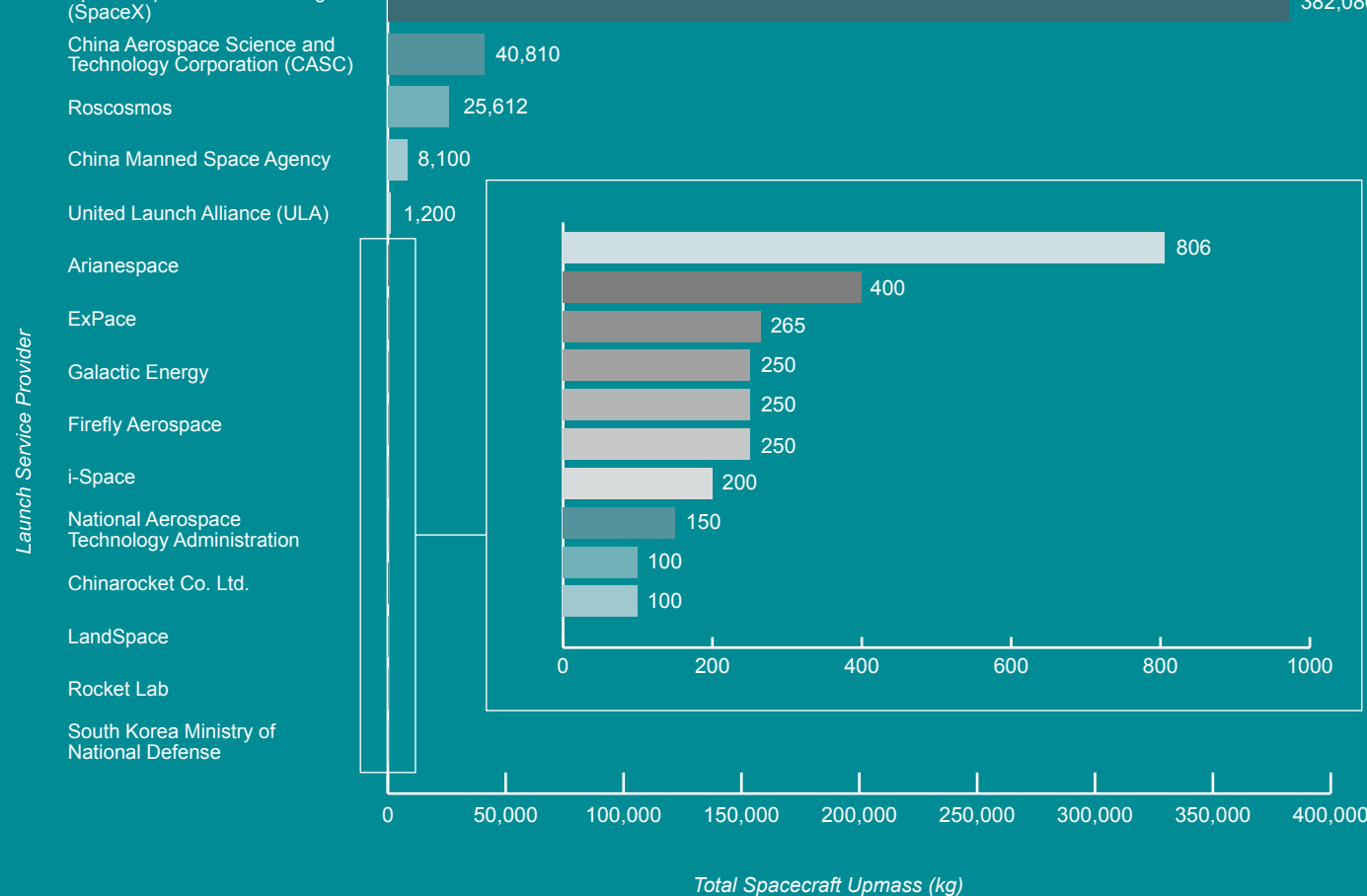
In Q4, SpaceX launched 590 spacecraft, the most of any launch provider



Includes spacecraft launched regardless of operational status

Spacecraft Upmass Carried by Launch Provider

SpaceX launched about 382,060 kg of spacecraft upmass in Q4, followed by CASC with about 40,810 kg



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

Orbital Launches by Country

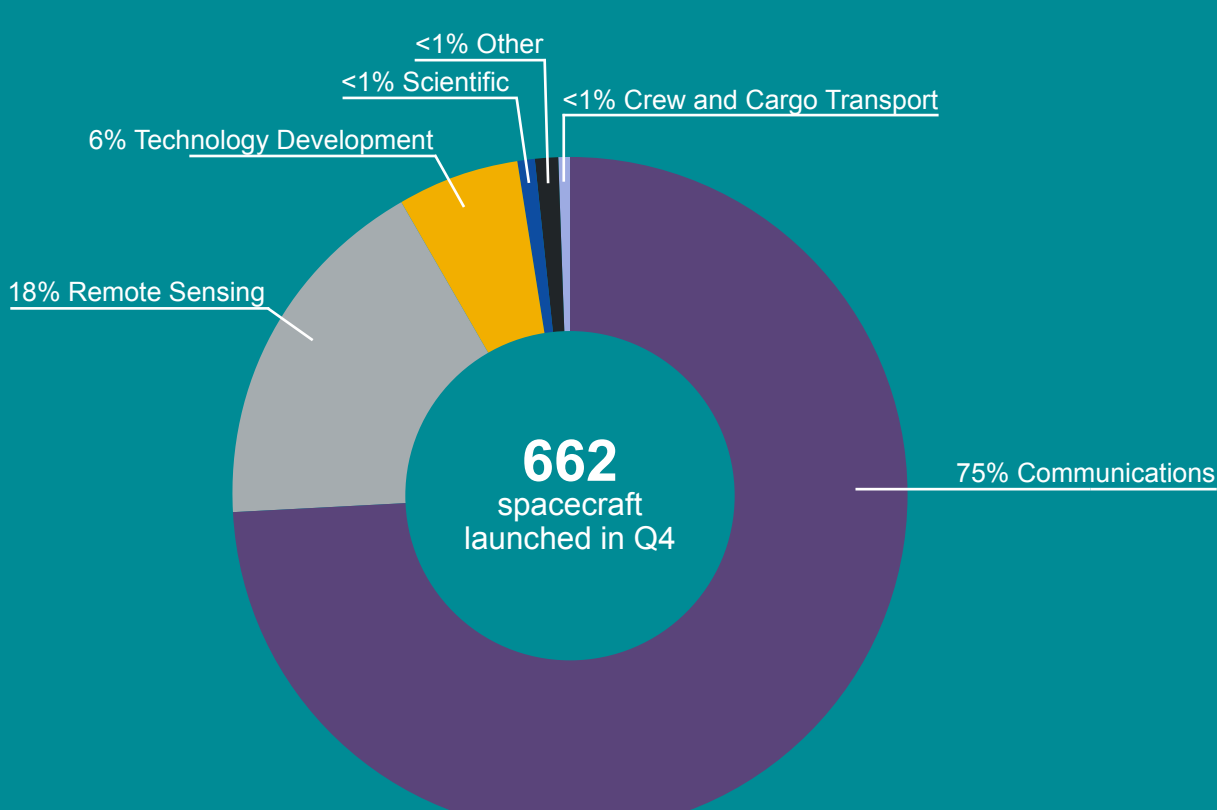
U.S. providers conducted 30 launches, while Chinese providers conducted 22 launches



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

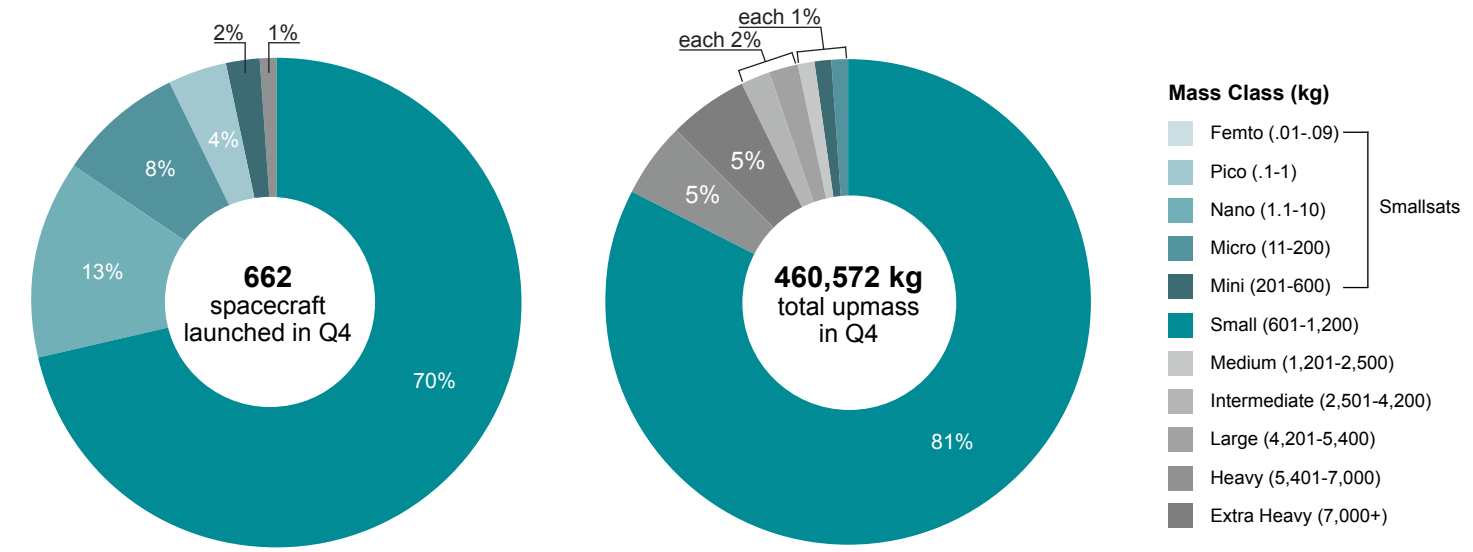
Spacecraft by Service Type

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



Spacecraft Launched and Total Upmass by Mass Class

Smaller satellites (<1,200 kg) represented 98% of spacecraft launched in Q4, 83% of total upmass



Spacecraft by Operator Type

Most spacecraft launched in Q4 are operated by commercial companies

