

Global Orbital Space Launches

Q4 2024

Orbital Launches by Launch Provider

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

40

LAUNCHES

SPACEX

17

LAUNCHES

**6**

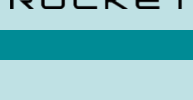
LAUNCHES



ROSCOSMOS

3

LAUNCHES



ROCKET LAB

2

LAUNCHES



CAS SPACE



ISRO

1

LAUNCH



ARIANESPACE



GALACTIC ENERGY

Ministry of I.C.T.



IRANIAN SPACE AGENCY



LANDSPACE



SPACE ONE



EXPACE



MITSUBISHI HEAVY INDUSTRIES

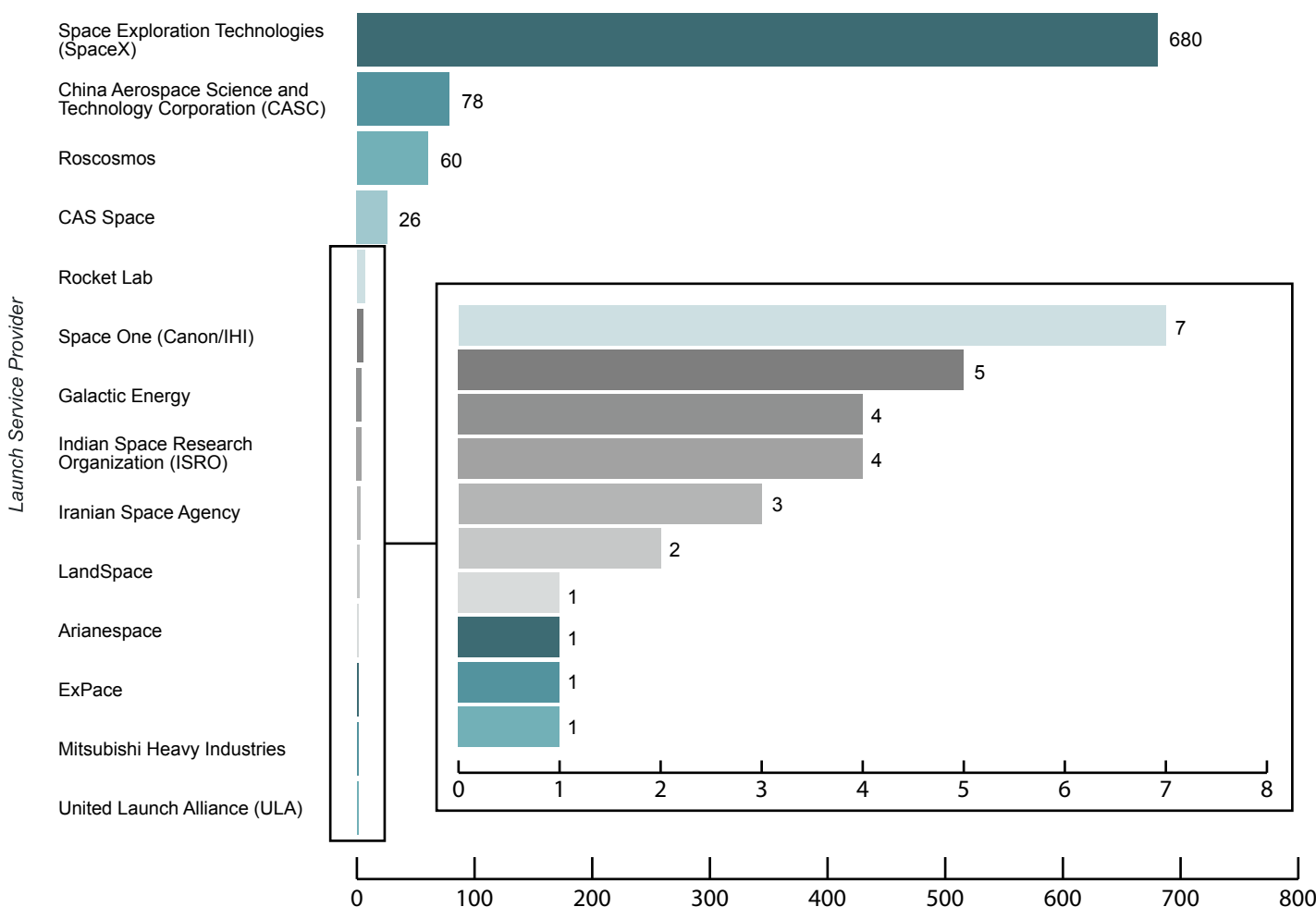


UNITED LAUNCH ALLIANCE (ULA)

BRYCE
TECH

Spacecraft Launched by Provider

In Q4, service providers worldwide launched 873 spacecraft

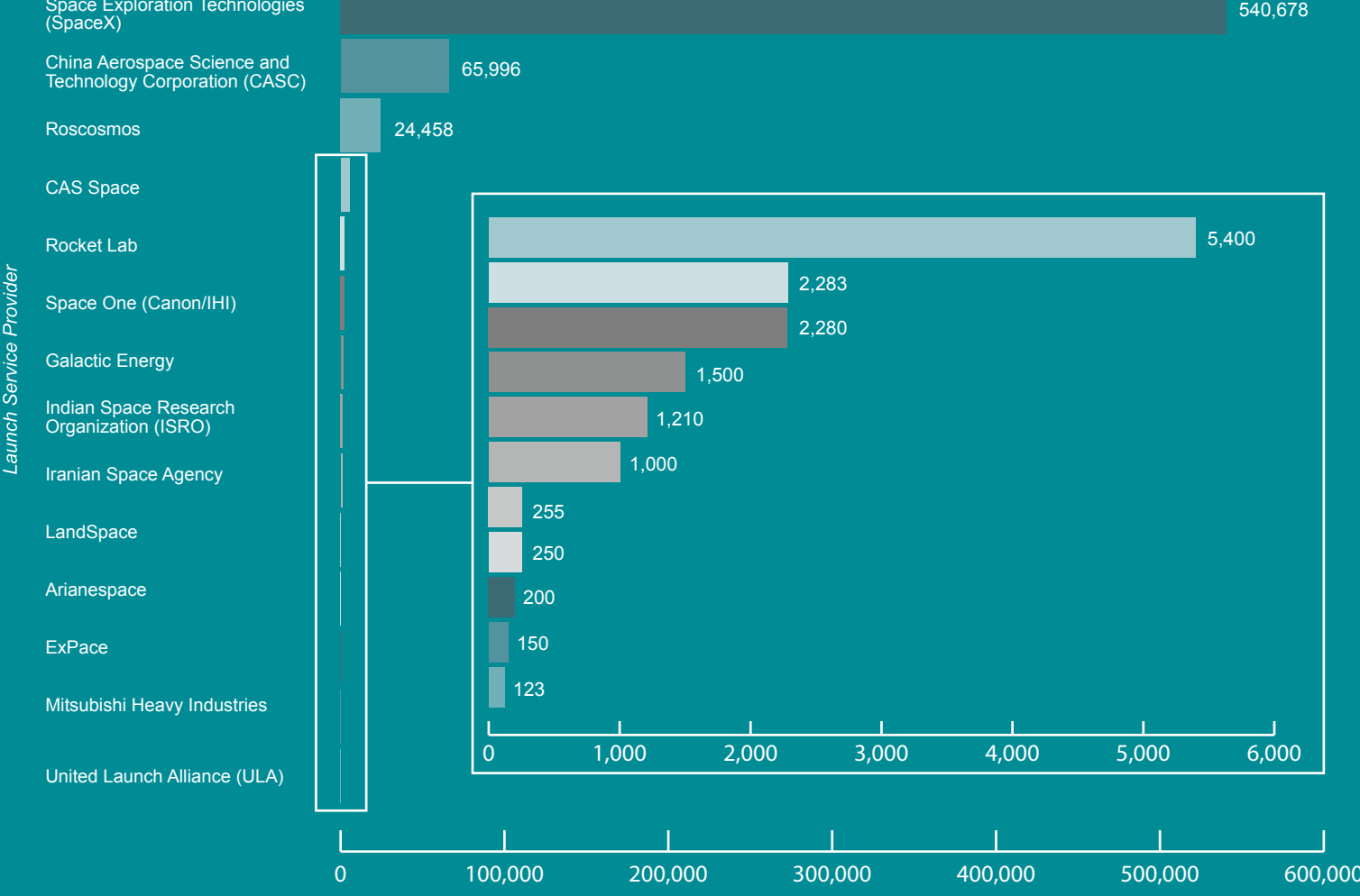


Includes spacecraft launched regardless of operational status

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TECH

Spacecraft Upmass Carried by Launch Provider

Service providers worldwide launched an estimated 645,782 kg of spacecraft mass during 4Q 2024

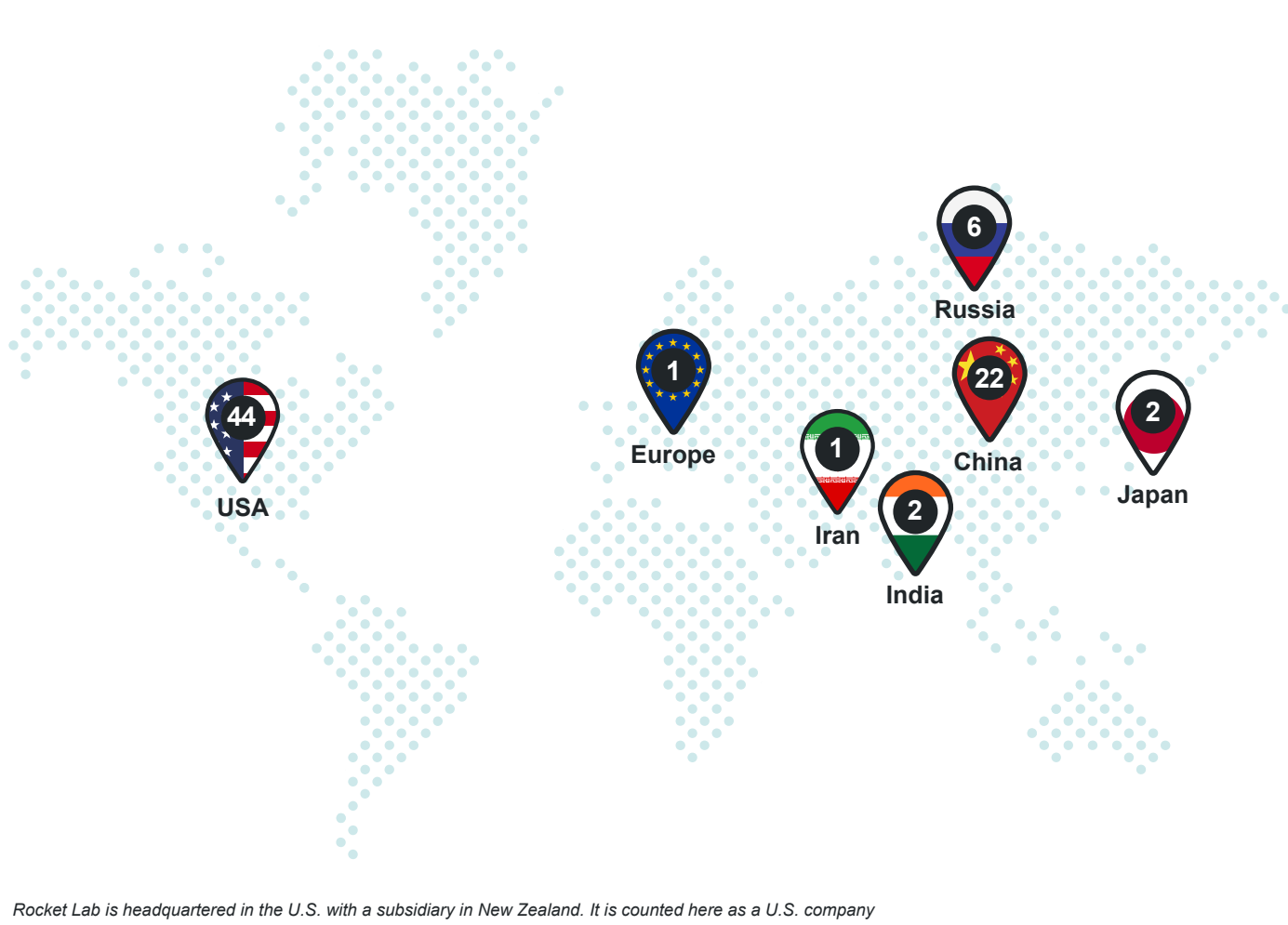


Includes estimates of spacecraft mass when not publicly disclosed

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Orbital Launches by Country

U.S. providers conducted 44 launches, while Chinese providers conducted 22 launches

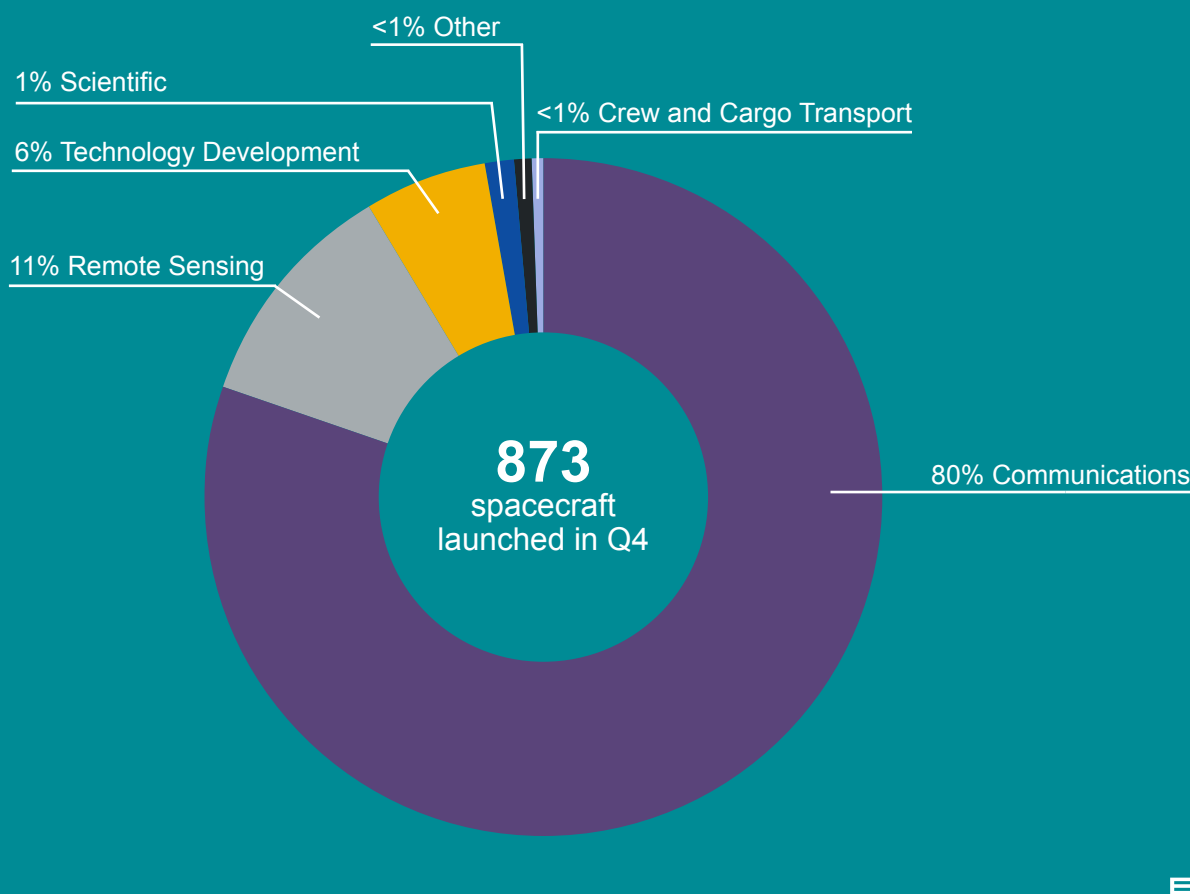


Rocket Lab is headquartered in the U.S. with a subsidiary in New Zealand. It is counted here as a U.S. company

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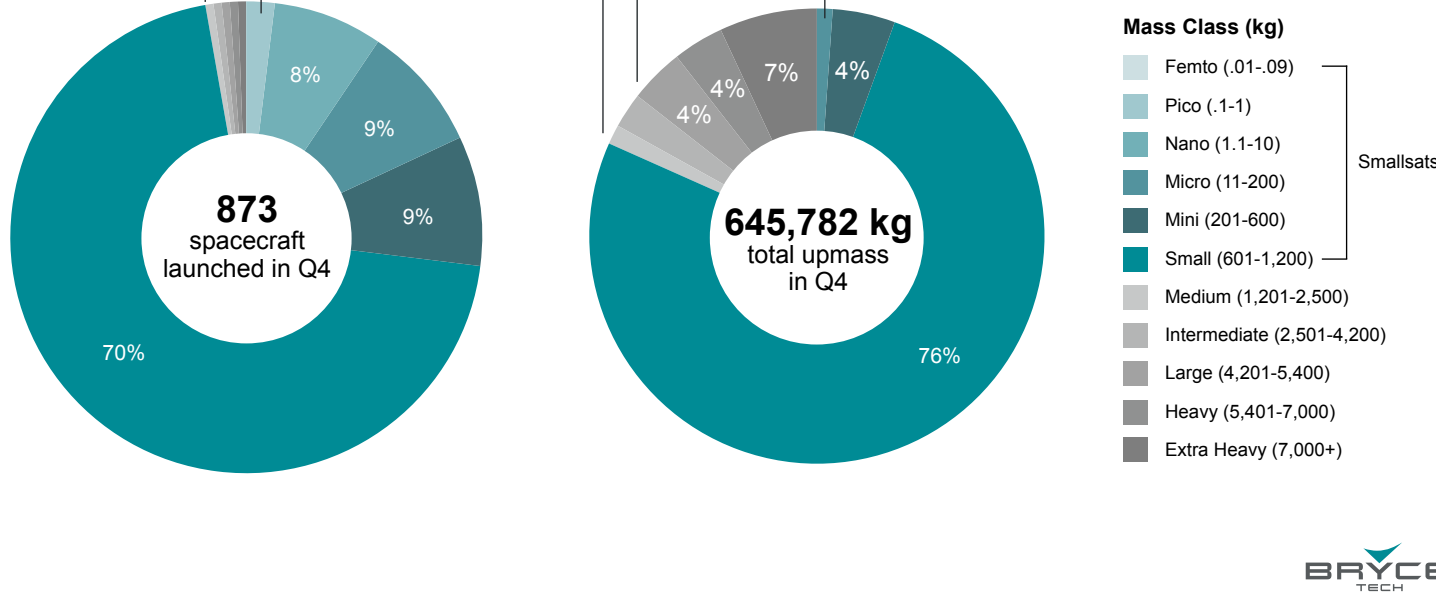
Spacecraft by Service Type

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

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TECH

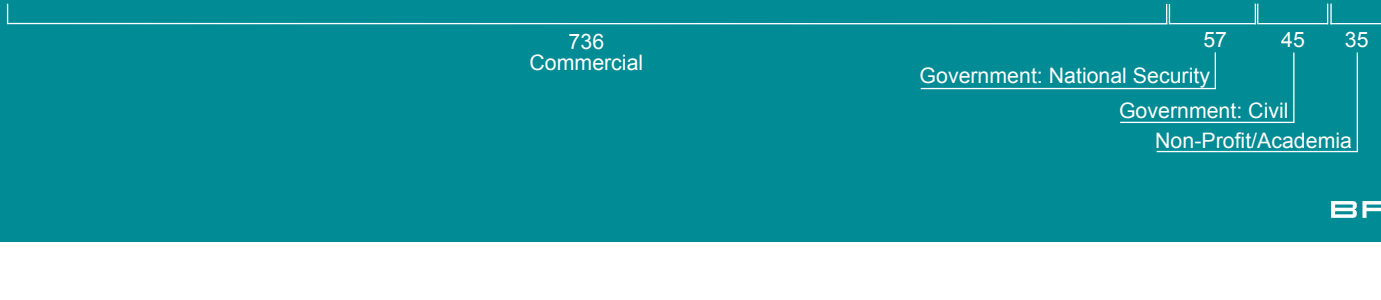
Spacecraft Launched and Total Upmass by Mass Class

Smaller satellites (<1,200 kg) represented 97% of spacecraft launched in Q4, 81% of total upmass

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TECH

Spacecraft by Operator Type

Most spacecraft launched in Q4 are operated by commercial companies

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