













# Global Orbital Space Launches

## Q1 2020

# Payload Mass to Orbit

SpaceX launched 61,284 kg of upmass in Q1 of 2020, followed by Arianespace with 26,731 kg.

Launch Service Provider	Total Opmass
Space Exploration Technologies (SpaceX)	
Arianespace	
China Aerospace Science & Technology Corp. (CASC)	
United Launch Alliance (ULA)	
Northrop Grumman Innovation Systems	
Russian Federal Space Agency (Roscosmos)	
Mitsubishi Heavy Industries (MHI)	
China Aerospace Science & Industry Corp.	
Rocket Lab	
Iranian Space Agency	

\*1  = 5,000 kg; 1  = 1,000 kg

## Orbital Launches by Launch Service Provider

Last quarter, CASC had the most orbital launches.

# 6

## LAUNCHES



## 5 LAUNCHES



## 4 LAUNCHES



## 2 LAUNCHES



# 1 LAUNCH



## Orbital Launches by Country

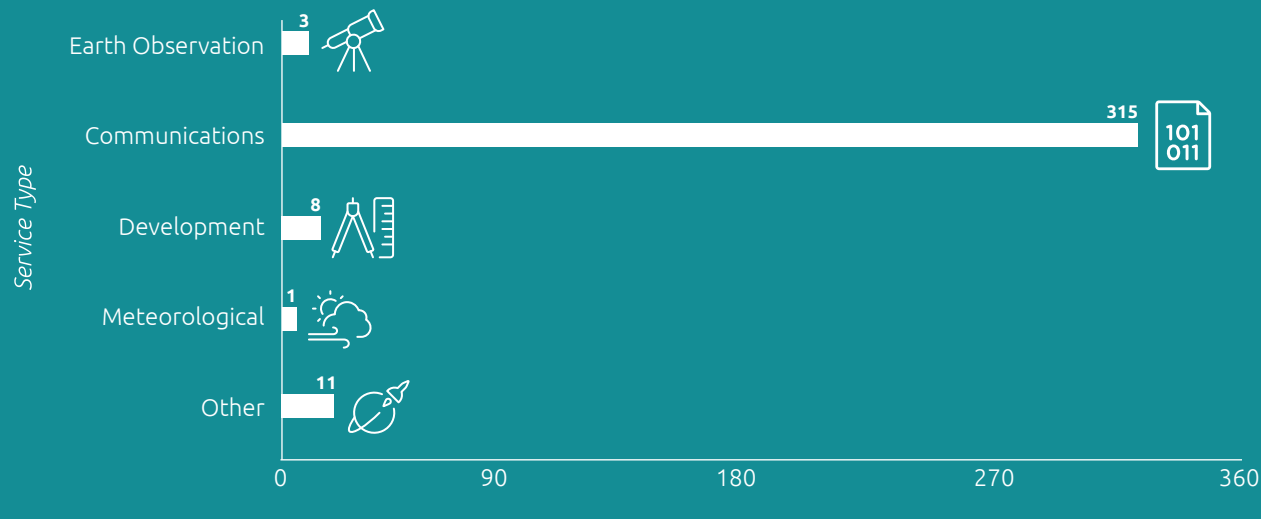
The United States executed nine\* orbital launches in Q1, followed by China with seven launches.



*\*Rocket Lab is classified as a U.S. operator in this data.*

## Satellites by Service Type

Most satellites launched in Q1 2020 were communication satellites, followed by other payloads.



## Satellite Operators

Most of the satellites launched were owned by commercial operators, outpacing the number of those owned by military, civil, and non-profit organizations.



## Satellites by Mass Class & Country of Manufacture

305 U.S.-manufactured smallsats were launched in Q1 2020. No satellites in the extra-heavy class were launched last quarter.

