

# Statistical Overview of Companies Aiming for Moon

**Erik Kulu**

Factories in Space

[www.factoriesinspace.com](http://www.factoriesinspace.com)

In-Space Economy, Space Settlement and Microgravity Commercialization

**Factories in Space**

# Outline

- Background / rationale
- Factories in Space database
- Defining taxonomy / classification
- LEO-Moon economy statistical overview and trends
  - Classification distribution
  - Geographical distribution
  - Status and founding years distribution
  - First missions distribution

# Background / Rationale

- As far as the author is aware, such statistical overviews and taxonomies for Moon or in general for beyond-Earth economy have not been published before.
- Capturing the state of the industry now and repeating it yearly will make it possible to see the trends and even possible bubbles early.
- Section of the work entails making an attempt to establish taxonomy or classification for the commercial entities to be able to group them. Until categories are defined and widely accepted, activities will be called with different names as per preference. That makes it more challenging to determine competitors and estimate market sizes.

# Factories in Space

- Established in 2018 and expanded since.
- The [www.factoriesinspace.com](http://www.factoriesinspace.com) database has over 250 entries at the time of writing this abstract with many more to be added soon.
- Approximately 100 already are or could promptly become involved with Moon settlement activities.
- The directory is growing and changing swiftly because most the entities are still in early startup phases.

# Defining Taxonomy / Classification

Commercial Lunar Lander

Commercial Rover

Commercial Space Station

Communications Relay

In-Space Manufacturing

ISRU, Raw Materials & Asteroid Mining

Propellant Refuel Station

Space Tugs & Cargo Transport

Surface Habitats

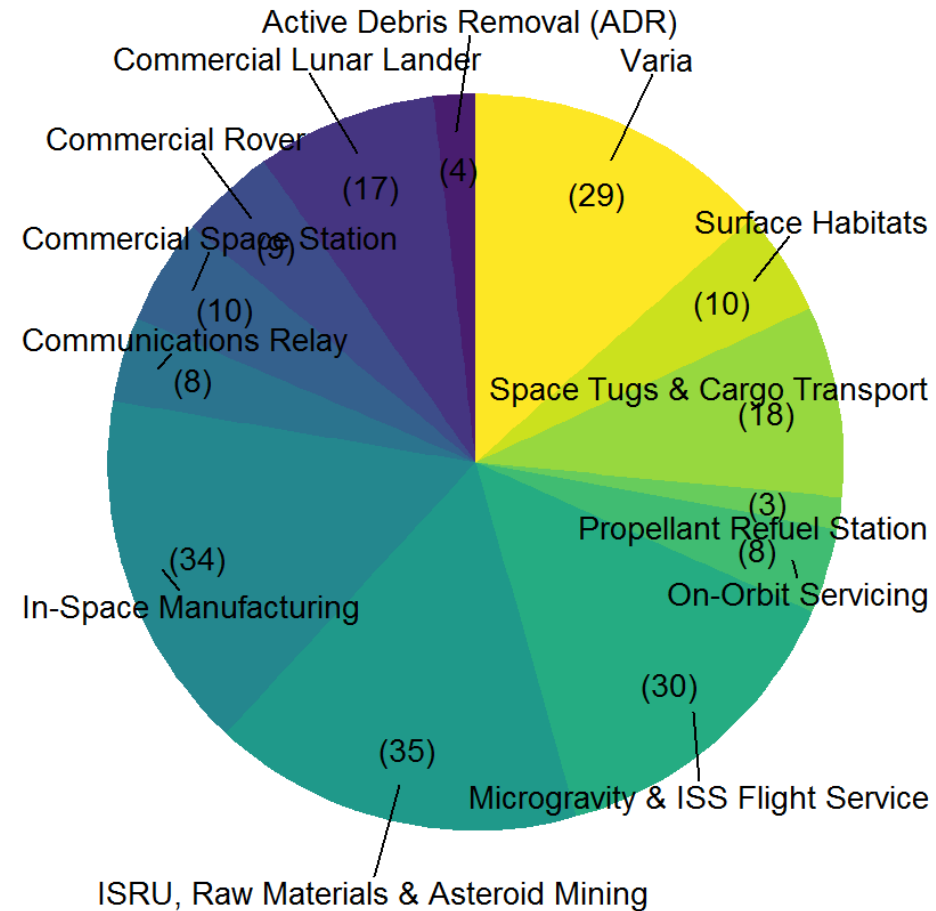
Miscellaneous

# LEO-Moon Economy: Statistical Overview and Trends

# Classification Distribution

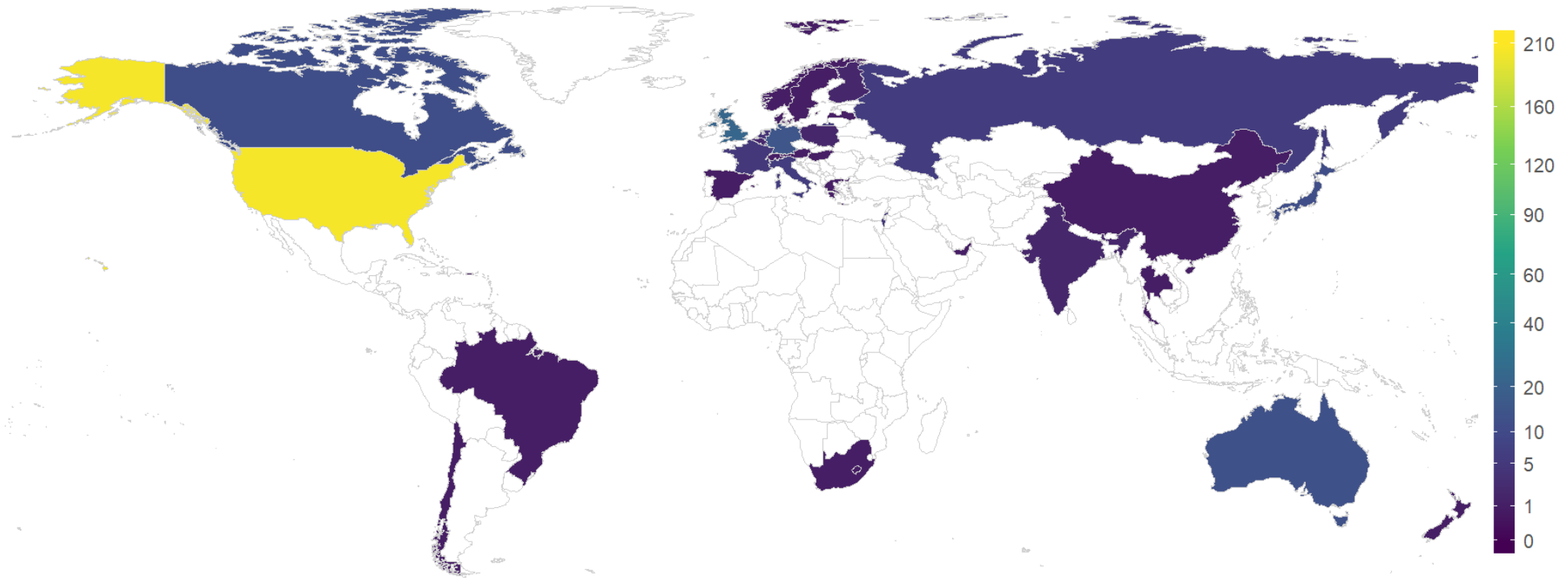
## Categories of Microgravity & Orbital Economy Entities

Number of organizations in brackets based on [FactoriesInSpace.com](http://FactoriesInSpace.com)



# Geographical Distribution

Distribution of Microgravity & Orbital Economy Entities  
Based on entities in the *FactoriesInSpace.com* database as of 2020-08-23

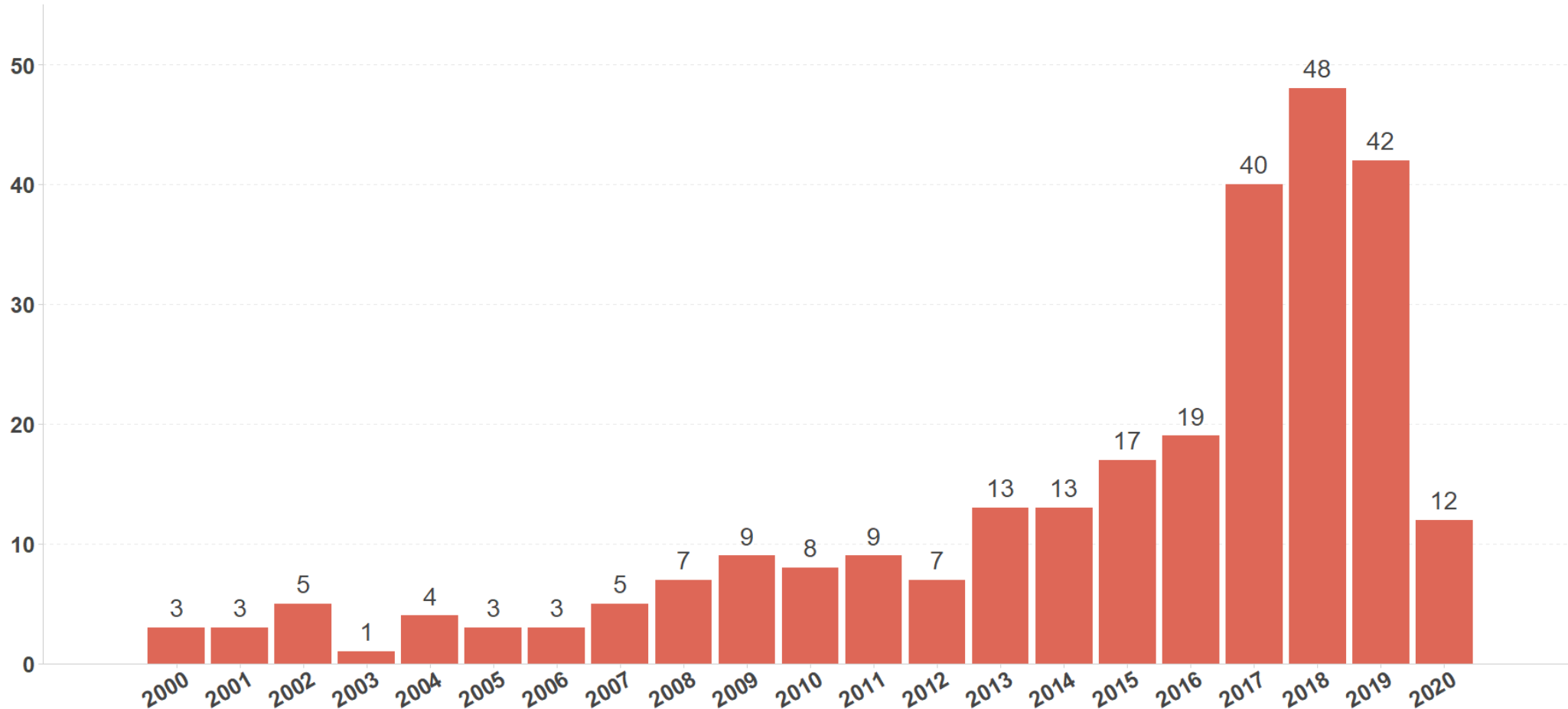




# Status & Founding Years Distribution

## Founding Years of Microgravity & Orbital Economy Entities

Based on entities in the *FactoriesInSpace.com* database as of 2020-08-23



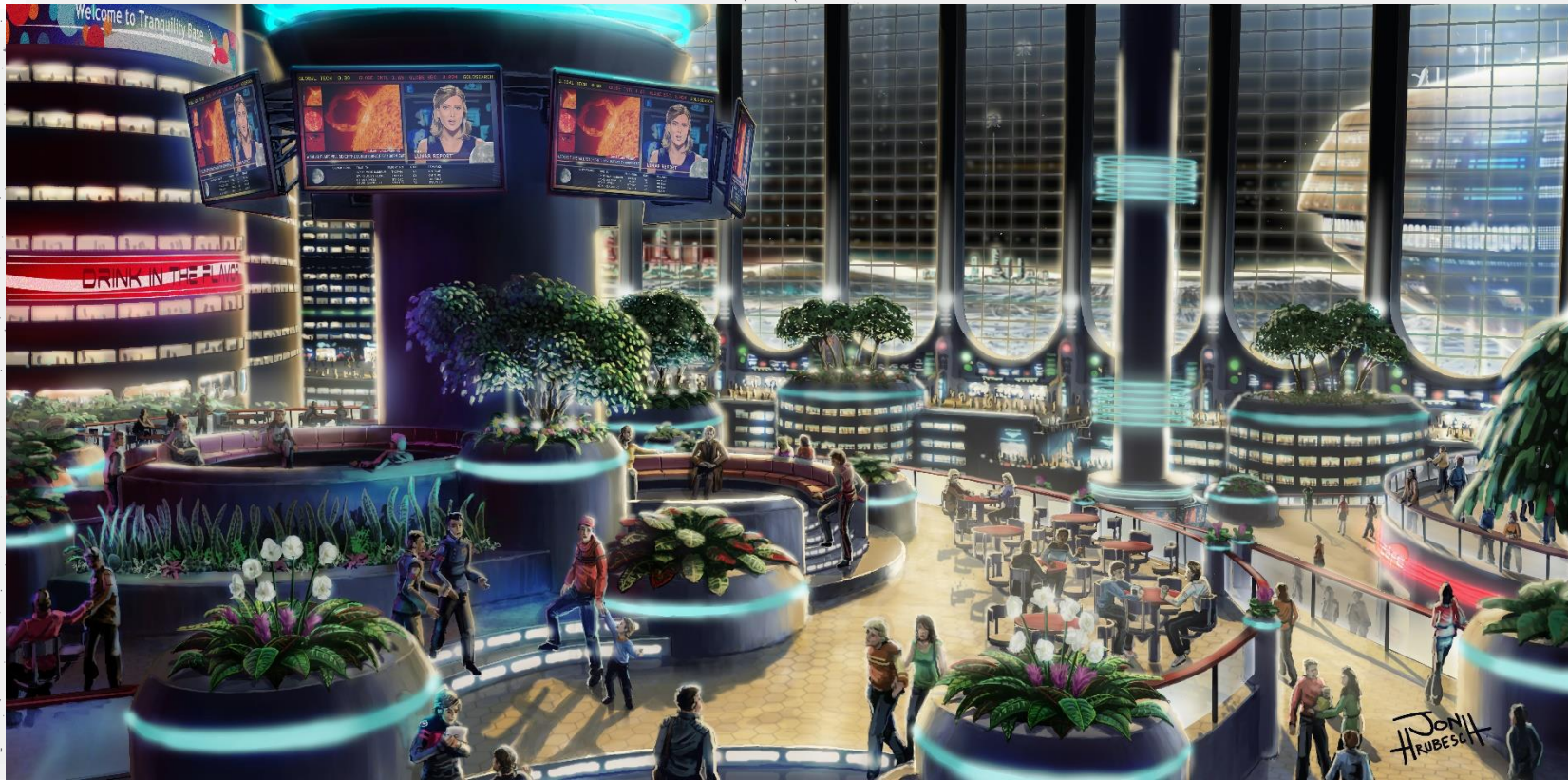
# First Missions

TODO

# Trends

TODO

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