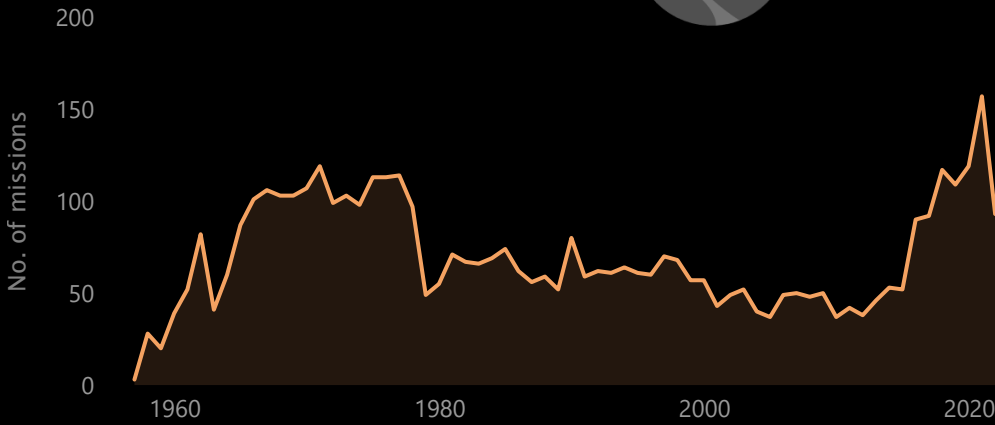


SPACE EXPLORATION (1957-2022)

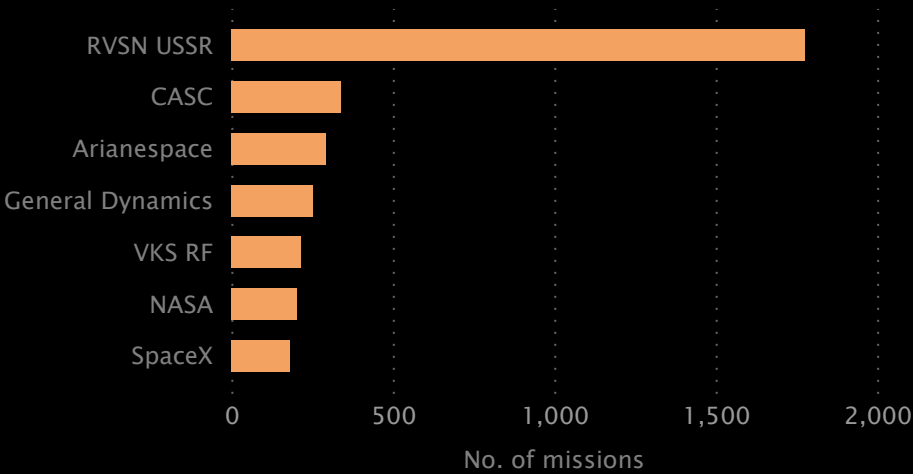
Missions

In 2021, **157** missions were launched into space, up from 37 in 2005. Throughout the last two decades, the success rate has always been greater than **93%**. In early days, 1957–60, the failure rate was 55.56%, but there has been significant improvement, and it is now 4.75%.



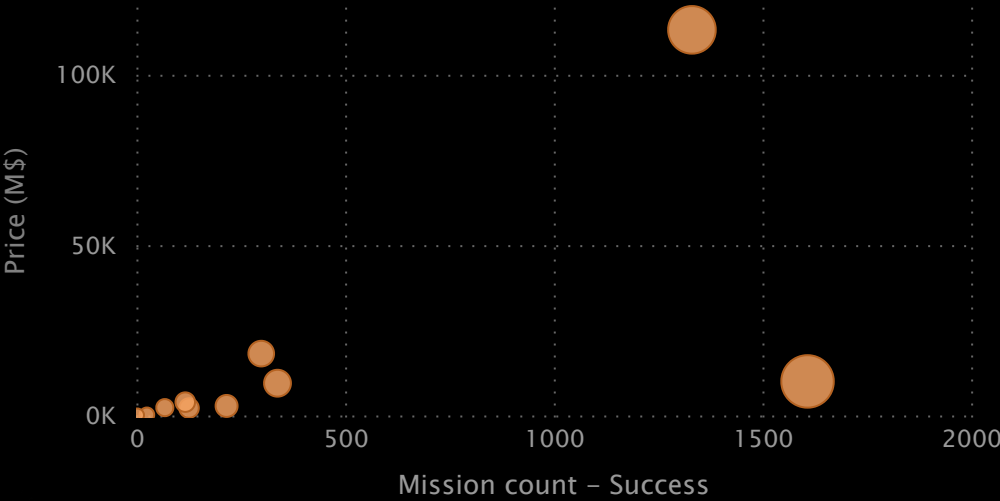
Countries

The **USSR & US** were the **top explorers**, with USSR sending record-breaking **1770** rockets into space, with **767** rockets launched in between 1971 & 1980. China, Japan, France, and India are emerging space leaders with 90% success. Highest South & North Korea had the highest failure rate of 60%



Time

With over 1,269 space launches, the morning slot (6 am –12 pm) was the busiest. The night of (11 pm – 3 am) had the highest success rate of **92.72%** for space launches. There were 244 space launches between 11 and 12 pm, with the least popular time being 2–3 am



Price

The **US** contributed the most money **\$113.18 B** and had 1331 successful missions, while the USSR had the most successful missions of 1608 at a **low cost** of \$10 B. Buran & Polyus space stations were the most expensive space missions, with a total cost of \$5 B, and both were built by USSR.

4630

Missions

18

Countries

162.3 B \$

Expenditure

92.1%

Success Rate

7.9%

Failure Rate

Design by: Gaurav Shinde