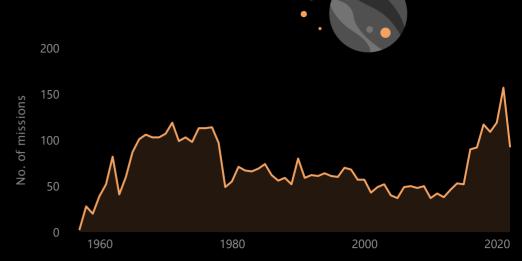
SPACE EXPLORATION (1957-2022) **Missions** In 2021, 157 missions were launched into space, up from 37 in 2005. Throughout the last two decades, the success rate has always been greater than 93%. In early days, 1957-60, the failure rate was 55.56%, but there has been 4630 significant improvement, and it is now 4.75%. Missions Country 1961 - 1970 | 1971 - 1980 | 1981 - 1990 | 1991 - 2000 | 2001 - 2010 | 2011 - 2020 | 2021 - 2022 USSR USA China France Russia 18 Kazakhstan Countries Japan India New Zealand **Companies** During 1961-90, RVSN USSR dominated space missions, avg 69.1% of rockets launched into space. Over the last decade, Space X & CASC have 162.3 B \$ demonstrated a strong presence in space exploration, with 33% space launches. The US Navy had the highest failure rate of all, at 82.34%. With Expenditure 111 successful space launches, Falcon 9 Block 5 was the best rocket. 92.1% Success Rate Morning Afternoon Evening <u>Price</u> 7.9% The **US** contributed the most money \$113.18 B and had 1331 Failure Rate

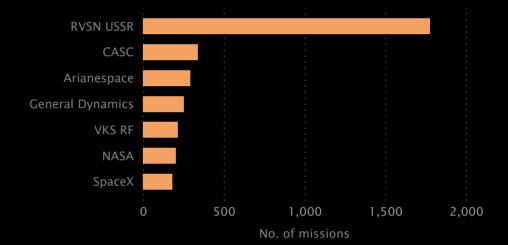
successful missions, while the USSR had the most successful missions of 1608 at a **low cost** of \$10 B. Buran & Polyus space stations were the most expensive space missions, with a total

cost of \$5 B, and both were built by USSR.



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%



<u>Time</u>

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

