**Space Grant National Infographic – 2024: Data Citations**

**Science & Engineering Workforce Challenges in the Global Space Economy**

**1st bullet**: US 2021 space economy $212B revenue, $130B GDP, $51B industry compensation, 360K industry jobs. Source: [U.S. Department of Commerce, Bureau of Economic Analysis, Space Economy](https://www.bea.gov/data/special-topics/space-economy)

**2nd bullet**: Global 2022 space economy $546B, projected growth to $770B (41%↑) by 2027. Source: [Euroconsult](https://www.euroconsult-ec.com/press-release/new-historic-high-for-government-space-spending-mostly-driven-by-defense-expenditures/)

**3rd bullet**: US 2023 government space budget $73B (NASA $25B); 63% of global government budget in 2023 and 75% in 2000. Source: [Space Foundation](https://www.spacefoundation.org/2023/07/25/the-space-report-2023-q2/)

**4th bullet**: Global 2023 government space budget hit record high $117B; $59B for defense surpassed civil for first time. Source: [Euroconsult](https://www.euroconsult-ec.com/press-release/new-historic-high-for-government-space-spending-mostly-driven-by-defense-expenditures/)

**5th bullet**: Global 2022 private space industry revenue $428B, up from $396B (8%↑) in 2021. Source: [Space Foundation](https://www.spacefoundation.org/2023/07/25/the-space-report-2023-q2/)

**6th bullet**: US 2022 private space investment over $12B, 72% growth over prior 3 years. Source: [European Space Policy Institute](https://www.espi.or.at/reports/space-venture-europe-2021/)

**7th bullet**: US 2022-2032 projected employment growth of 10.8% in STEM jobs and 2.3% in non-STEM jobs. Source: [U.S. Bureau of Labor Statistics](https://www.bls.gov/emp/tables/stem-employment.htm)

**8th bullet**: US 2023 security space budget $21B to National Security Space investment accounts, up 20% from 2022. Source: [Deloitte Insights](https://www2.deloitte.com/us/en/insights/industry/aerospace-defense/future-of-space-economy.html)

**Space Grant Students, Space Grant Participants, Outreach, Diversity**

Source: NASA Office of STEM Engagement, through written and verbal communications. Data provided in preliminary form, as of February 22, 2024.