



CALIFORNIA



NASA Overall State Impact⁽¹⁾

• Jobs Supported	66,236
• Economic Output	\$15,243,585,000
• State Tax Revenue	\$742,015,000



Moon to Mars Campaign State Impacts

• Jobs Supported	11,640
• Economic Output	\$2,867,051,000
• State Tax Revenue	\$135,224,000



Investments in Climate Change Research & Technology State Impacts

• Jobs Supported	9,972
• Economic Output	\$2,252,439,000
• State Tax Revenue	\$105,986,000

⁽¹⁾ For more information please visit: [Value of NASA](#)



NASA Centers:

- 1 Ames Research Center – Silicon Valley, CA
- 2 Armstrong Flight Research Center – Edwards Air Force Base, CA
- 3 Jet Propulsion Laboratory – Pasadena, CA

FY21 State Procurement Investments⁽²⁾

\$4.5 B

Sample Obligations⁽³⁾

Business	\$1,938,319,677
• Other Than Small Business	\$1,550,191,156
• Small Business	\$388,128,521
– 8(A) Program	\$7,205,330
– Economically Disadvantaged Women Owned Small Business	\$21,617,924
– Historically Underutilized Business (HUBZone)	\$18,462,777
– Service Disabled Veteran Owned Small Business	\$9,398,159
– Small Business Innovative Research	\$59,865,217
– Small Disadvantaged Business	\$161,285,578
– Veteran Owned Small Business	\$11,771,549
– Woman Owned Small Business	\$73,090,013
– Small Business Only	\$141,274,577
Educational	\$2,518,978,523
Government	\$8,656,217
Non-profit Institutions	\$132,812,100

Leading State-based NASA Business Contractors

Aerojet Rocketdyne of DE, Inc.	\$435,145,607
Space Exploration Technologies Corporation	\$398,918,264
Northrop Grumman Systems Corporation	\$243,144,302
Lockheed Martin Corporation	\$104,265,595
Space Systems/Loral, LLC	\$77,109,000

Leading State-based NASA Education Funding

California Institute of Technology	\$2,385,382,677
The University of California	\$51,655,709
University of California, Los Angeles	\$18,045,267
Stanford University	\$13,119,807
University of California, San Diego	\$12,766,823

Space Grant Consortium

University of California, San Diego	\$881,419
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⁽²⁾ NASA contracts sourced in the state in FY21; see [FY21 NASA Economic Impact Report](#)

⁽³⁾ Categories are not additive. For more information on FY21 Sample Obligations, please visit: [NASA Acquisition Internet Service \(NAIS\)](#)



CALIFORNIA



Ames Research Center – Silicon Valley, CA
Armstrong Flight Research Center – Edwards Air Force Base, CA
Jet Propulsion Laboratory – Pasadena, CA



There are 1,812 NASA federal jobs and 33,700 contractors* in the state of California.

For every NASA federal job located in California, an additional 35.6** jobs are supported in the state economy. For every million dollars' worth of economic output generated by NASA federal jobs, an additional \$16.3** million worth of output is sustained throughout the state economy.

* Represents NASA contractor employees and employees in the supply chain of those contractors.

** Multiplier based on IMPLAN Input Output (I-O) model. To learn more, please visit: <https://blog.implan.com/understanding-implan-multipliers>

NASA Astronauts

- | | |
|-----------------------|----------------------|
| Joseph M. Acaba* | Michael J. McCulley |
| Tracy Caldwell-Dyson* | Pamela Melroy |
| Josh A. Cassada* | Barbara Morgan |
| Gregory Chamitoff | Bryan D. O'Connor |
| Kevin P. Chilton | Ellen Ochoa |
| Michael Clifford | John D. Olivas |
| Michael Coats | Alan G. Poindexter |
| Victor J. Glover* | Sally Ride |
| Frederick Hauck | Stephen Robinson |
| Jose Hernandez | Frank Rubio* |
| Jonny Kim* | Frederick Sturckow |
| Steven W. Lindsey | James van Hoften |
| Stanley G. Love | Rex J. Walheim |
| Nicole A. Mann* | A. Jessica Wittner** |
| William C. McCool | John Young |

* Current

** Candidate

James Webb Space Telescope

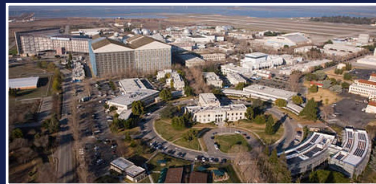
Cycle 1 Hours of Access



California Institutions

24,949.5
Hours

Ames Research Center



The FY21 ARC budget was \$805 million.



Climate Research



Advanced Air Mobility



Entry Systems

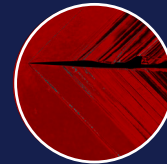
Armstrong Flight Research Center



The FY21 AFRC budget was \$348.3 million.



Sustainable Flight



Supersonic Flight Research

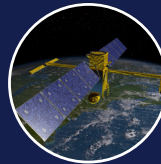


Airborne Science

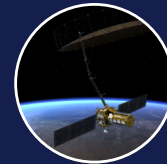
Jet Propulsion Laboratory



The FY21 JPL budget was \$2.3 billion.



Surface Water & Ocean Topography



NASA-ISRO Synthetic Aperture Radar



Mars Sample Return

For more information about the Economic Impact Report for your state, go to:



National Aeronautics and Space Administration

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 300 E Street, SW
 Washington, DC 20546

www.nasa.gov/centers

www.nasa.gov

