

# JOHNSON SPACE CENTER FY15 ECONOMIC IMPACT REPORT

National Aeronautics and  
Space Administration



**Houston's Johnson Space Center** leads Human Space Flight for the entire nation. At JSC we are taking critical steps today to expand human exploration into deep space. Our priorities are to maximize the use of the International Space Station, enable the success of the Commercial Crew Program, develop Orion for future missions and build the foundation for human missions to Mars. This document is a glimpse of the resources and benefits that NASA brings to Texas and Houston where JSC is a powerful force in creating and sharing America's future in human spaceflight.

## JSC Budget

**\$4.53B**  
Total JSC Budget

**\$2.11B**  
Total JSC Budget Spent in Texas  
(JSC spending on contracts and federal salaries)



**\$70M** JSC – White Sands Test Facility Budget

## FY 15 Budget by Program

- **\$2.6B** International Space Station
- **\$1.1B** Orion Multi-purpose Crew Vehicle
- **\$121.3M** Human Research Program
- **\$52.2M** Advanced Exploration Systems
- **\$24.7M** Commercial Crew Program

## Select NASA Expenditures in Texas

- \$90M** Small Business
- \$31M** Small Disadvantaged Business
- \$56M** Women-Owned Business
- \$30M** Small Business Innovative Research
- \$22M** 8(a) Contracts
- \$16.5M** Universities
- \$60M** Non-profit Awards
- \$5.2M** NASA Research Announcements  
(JSC spending on Research Opportunities in Space and Earth Science (ROSES) across the nation)

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## NASA/JSC Workforce:

- Federal Employees: 3,035
- Contractors: 8,212
- Total JSC Workforce: 11,247



## Workforce in Texas:

- Federal Employees: 2,988
- Contractors: 7,809
- Total in Texas: 10,797



## White Sands Test Facility Workforce

- Federal Employees: 48
- Contractors: 403
- Total WSTF: 451



Estimated Federal and Contractor Workforce Salaries in Texas and New Mexico

**\$1.79B**

## High-Tech Employees Represent JSC Workforce

74%

engineers or scientist

74%

perform science, technical or aerospace work

74%

hold science, engineering or technical degrees

95%

hold at least a Bachelor's Degree

42%

hold a graduate degree

33%

are female

29%

are minorities



## Education Leadership In Texas

JSC strives to improve STEM education and encourage educators and students to advance human exploration. JSC education resources include professional development, digital learning, internships, partnerships, grants and informal education. Texas students have a unique opportunity to participate in Texas Aerospace Scholars (TAS). TAS encourages Texas students to explore the unlimited career possibilities in science, technology, engineering and mathematics (STEM) with space exploration as its central theme. Since the beginning in 1999, more than 11,000 Texas residents have participated in TAS. Student's complete online curriculum and teachers develop "action plans" integrating NASA related materials into their classrooms. Texas Aerospace Scholars also features Middle School Aerospace Scholars which provides professional development in STEM subjects for middle school teachers and NASA Community College Aerospace Scholars for community college students to engage in STEM based learning activities.

347

High Schools enrolled in Texas Aerospace Scholars

258

Texas cities represented in Texas Aerospace Scholars

18

Homeschools enrolled in Texas Aerospace Scholars

\$16.5M

To Texas Universities

## Space Center Houston

Space Center Houston is the official visitor center and nonprofit gateway to NASA JSC as well as Houston's only Smithsonian Affiliate museum. Space Center Houston generates annually a \$73M economic impact, 925 jobs and \$36M in personal income in greater Houston.

- Almost 1 Million visitors in 2015
- \$21M in local expenditures
- \$28M in revenue
- \$9M in salaries
- 78,100 students in school and program visits