

Exceptional service in the national interest



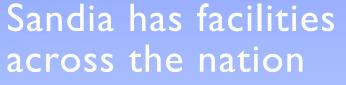
SANDIA NATIONAL LABORATORIES

Andrew McIlroy, Associate Labs Director, Integrated Security Solutions October 21, 2020



Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia LLC, a wholly owned subsidiary of Honeywell International Inc. for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525.

SAND 2020-11429 PE





Activity locations

- Carlsbad, New Mexico
- Kauai, Hawaii
- Tonopah, Nevada
- Utqiagvik, Alaska
- Amarillo, Texas

Main sites

- Albuquerque, New Mexico
- Livermore, California

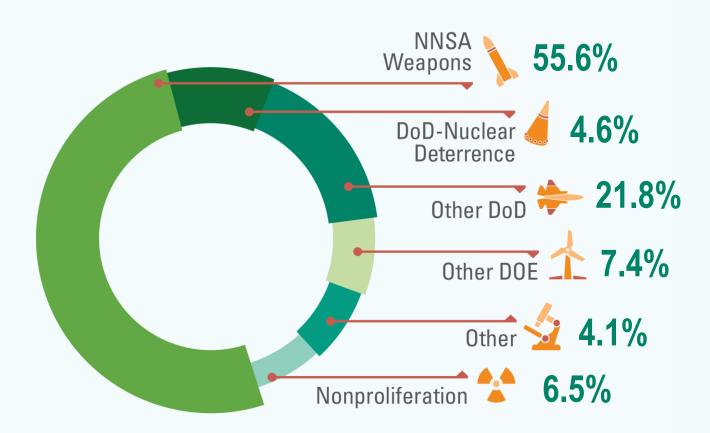
The Laboratories have evolved to meet national challenges



Sandia is a multimission national security laboratory with five major program portfolios



Sandia's budget covers a broad range of government and other work





OTHER

Department of Homeland Security
Other federal agencies | Nonfederal entities
CRADAs, licenses, royalties | Inter-entity work



DoD

Air Force | Army | Navy
Defense Threat Reduction Agency
Ballistic Missile Defense Organization
Office of the Secretary of Defense
Defense Advanced Research Projects Agency
Intelligence Community



OTHER DOE

Science

Energy Efficiency and Renewable Energy Nuclear Energy Environmental Management Electricity Delivery and Energy Reliability Other DOE



NONPROLIFERATION

NNSA/NA20 | State Department

Sandia environmental stewardship extends to Mixed Waste Landfill

Background

• Mixed Waste Landfill (MWL) is a 2.6-acre Solid Waste Management Unit at Sandia that was used from March 1959 to December 1988 as a disposal area for low-level radioactive waste, hazardous waste, and mixed waste

• Per the New Mexico Environment Department (NMED) final order dated February 2016, the MWL was deemed Corrective Action Complete with controls in accordance with the Resource Conservation and Recovery Act and pursuant to the department's authority and enforcement

Present Status

• Seven annual reports documenting all monitoring, inspection, and maintenance/repair activities from 2014 through 2020 have been submitted and approved by NMED, and the first MWL Five-Year Report was submitted as required in January 2019 and is undergoing NMED review

Sandia helps the New Mexico economy in significant ways

• We attract professionals to the state;

procure goods and services from New Mexico sources;

• help small businesses succeed;

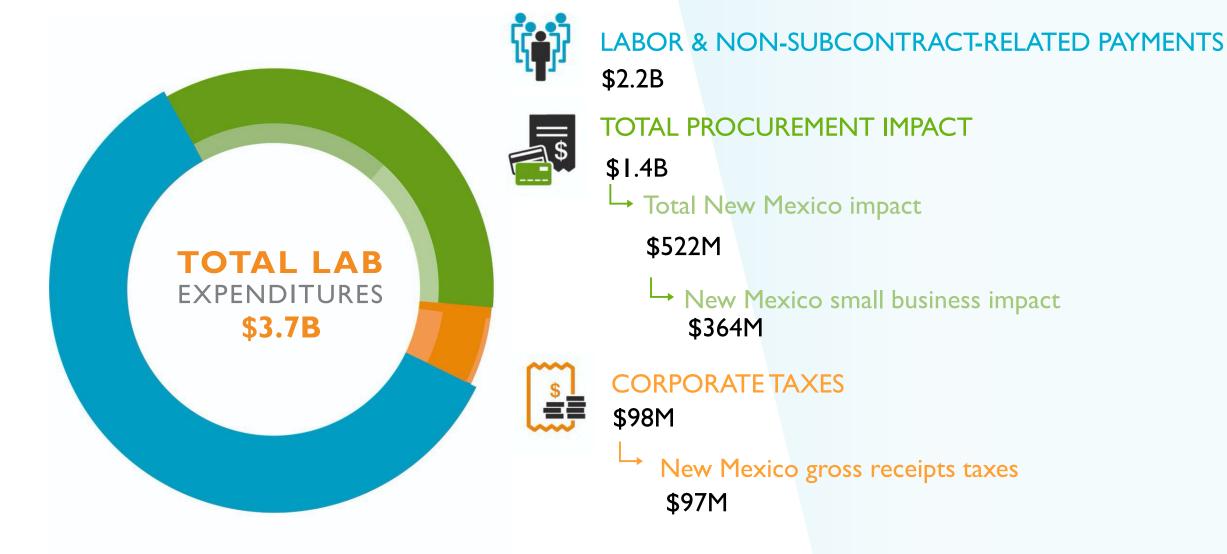
transfer technology to the private sector;

partner with New Mexico universities;

have considerable payroll and pension distributions



In FY19 the Labs' spending was roughly \$3.7 billion



Small business contracting is a priority



MOVED

SMALL BUSINESS	φ3 4 61*1
DISADVANTAGED	\$203M
WOMAN-OWNED	\$152M
VETERAN-OWNED	\$144M
SERVICE-DISABLED VETERAN-OWNED	\$107M
HUBZONE	\$72M

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SMALL BUSINESS*	\$140M
DISADVANTAGED	\$107M
WOMAN-OWNED	\$102M
VETERAN-OWNED	\$54M
HUBZONE	\$47M
SERVICE-DISABLED	
VETERAN-OWNED	\$30M





NEW MEXICO SMALL BUSINESS
SUBCONTRACTING PAYMENTS ARE:

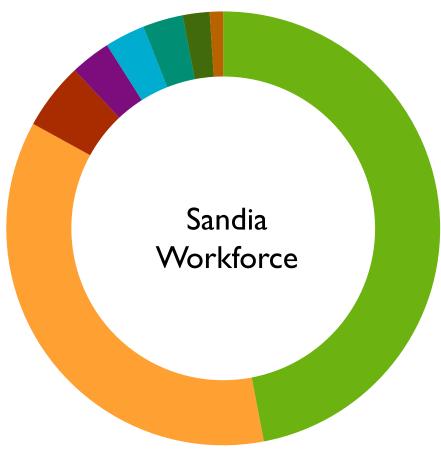
46% OF TOTAL SMALL-BUSINESS SUBCONTRACTING PAYMENTS

OF TOTAL NEW MEXICO SUBCONTRACTING PAYMENTS

*Small Businesses not categorized as Small Disadvantaged Business, Women-Owned Small Business, HUBZone Small Business, Veteran-Owned Small Business or Service-Disabled Veteran-Owned Small Business.

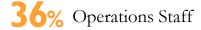


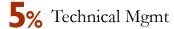
Sandia's workforce totals about 14,500

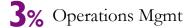


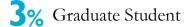
In the past five years, **about 30%** of hires (excluding students) — or about **1,600** professionals — relocated to New Mexico







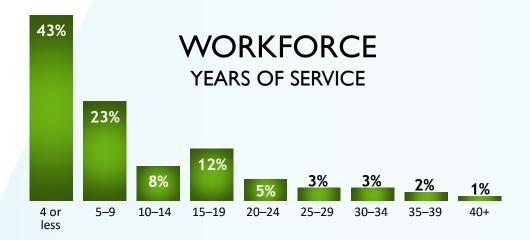


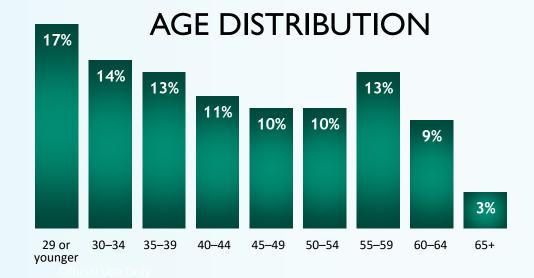




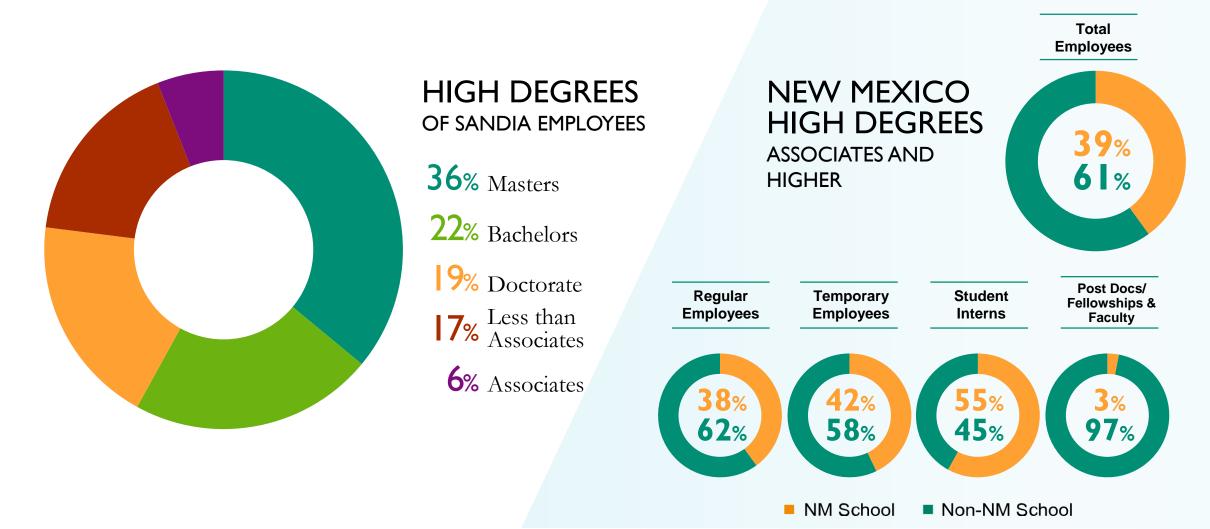








77% of our employees hold a bachelor's degree or higher; 39% of those who hold an associate's degree or higher have a high degree from a New Mexico school



Sandia has significant community engagement



United Way of Central NM

Providing children with SHOES, BOOKS, SCHOOL SUPPLIES & HOLIDAY GIFTS

Donated

1,056 UNITS OF BLOOD



Partnering with Habitat for Humanity for more than

for 1

IOO SANDIANS

matched with high school students via Mentor 2.0

S A T U R D A Y



Family
MATH NIGHTS
Family

Family SCIENCE

NIGHTS



New Mexico ELECTRIC CAR CHALLENGE

SCIENC BOWLS

STEM

Career exploration







Sandia is making a difference in the COVID-19 battle

- We conducted COVID-19 testing for thousands of Sandians and NNSA workers, reducing the burden on local medical laboratories
- We trained several New Mexico Tribal First Responders on the appropriate use of PPE and disinfection techniques
- The state-funded New Mexico Small Business Assistance program (NMSBA)
 paired Sandia with a Santa Fe craft distillery to produce Elbow Bump hand
 sanitizer
- NMSBA also brought Sandia scientists and small businesses together to research materials to create N95-like respirators, providing New Mexico medical professionals with a local source of PPE
- A \$25,000 challenge to raise money to help Native American communities hit by COVID-19 raised \$250,000 from Sandians



Sandia provides exceptional service in the national interest — we bring the same dedication to New Mexico

 Sandia continues to be an important contributor to the New Mexico economy

 We strive to further the state's entrepreneurial spirit through innovation and economic development

 Partnerships with New Mexico universities are critical to Sandia's success

• As New Mexicans, Sandia and its employees give generously and volunteer to ensure the communities in which we live and work remain vibrant and thrive

 We have long-term policies and management aimed at preserving and enhancing the quality of the environment



