



REPI

UNITED STATES DEPARTMENT OF DEFENSE
READINESS AND ENVIRONMENTAL
PROTECTION INTEGRATION PROGRAM

STATE FACT SHEETS | NEW MEXICO



NEW MEXICO

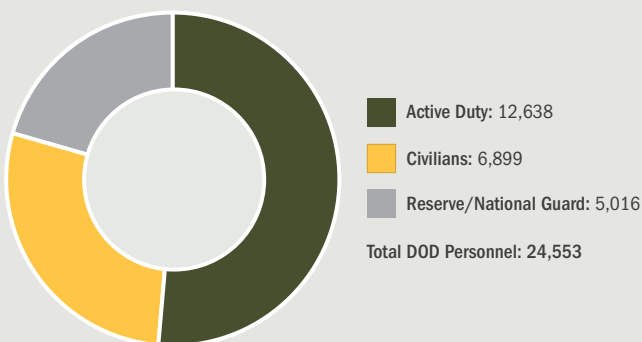
OVERVIEW

New Mexico received \$3.3 billion in Defense spending in Fiscal Year (FY) 2021, which provides direct funding for DOD personnel salaries, defense contracts, and construction of military facilities in the state. This spending by DOD personnel, contractors, and their families creates significant economic activity, attracts related industries and investment, and generates important state and local government tax revenues.

The Readiness and Environmental Protection Integration (REPI) Program is a key tool used by DOD and its partners to protect the military's ability to train, test, and operate in the state. DOD created the REPI Program in response to the development of lands and loss of habitat in the vicinity of or affecting its installations, ranges, and airspace that can lead to restrictions or costly and inadequate training and testing alternatives. Through REPI, DOD works with state and local governments, conservation organizations, and willing private landowners to address these challenges to the military mission and the viability of DOD installations and ranges. The REPI Program has enjoyed broad bipartisan support both in the U.S. Congress and among groups representing state and local officials. As of FY 2022, DOD and its partners have spent nearly \$43 million on REPI projects at three installations in New Mexico.

DOD IN NEW MEXICO

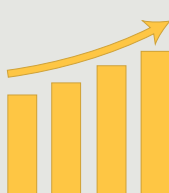
DOD Personnel (as of 30 Sep 2021)



Federal Defense Spending and Economic Impact (in FY 2021)



\$3.3 billion in Federal Defense spending

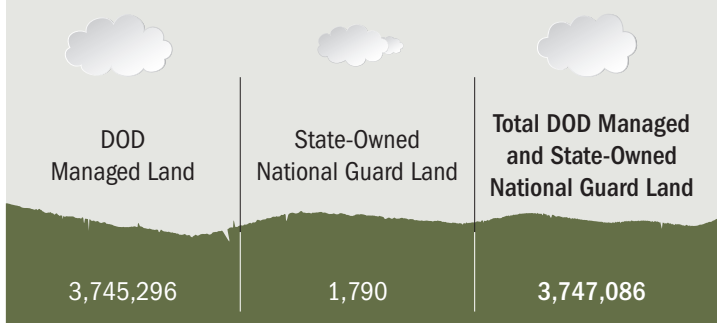


2.9% of state GDP



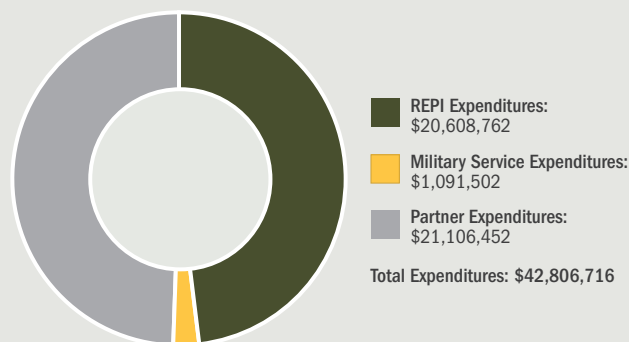
\$1.5 billion in payroll contributed
\$1.8 billion in contracts awarded

Acres of DOD Managed and State-Owned National Guard Land (as of 30 Sep 2021)



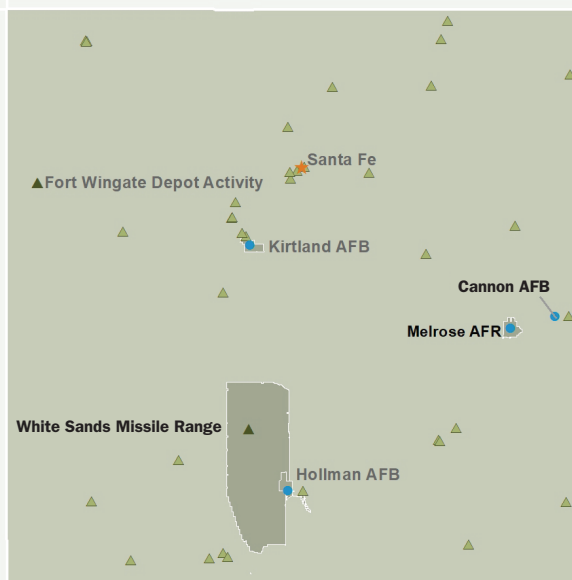
REPI PROJECTS* IN NEW MEXICO

Funding Summary (through FY 2022)



* REPI projects refer to any action authorized by 10 USC §2684(a) to include the acquisition of interests in land from willing landowners to prevent incompatible development and protect habitat or any other natural resources management. REPI projects involving the Army or Army National Guard are also termed Army Compatible Use Buffer (ACUB) partnerships. Those involving the Navy, Marine Corps, or Air Force, are also termed encroachment partnering agreements. Eligible partners include conservation organizations and state and local governments.

Total Acres Protected (through FY 2022): 392,656



★ State Capital ▲ Army ◆ Navy ■ Marine Corps ● Air Force ▲ Army National Guard

REPI Installations and Ranges Other Installations and Ranges

MILITARY PRESENCE

- White Sands Missile Range is the DOD's largest Test and Evaluation Range, encompassing roughly 2.3 million acres, 8,500 miles of DOD restricted airspace, and military training routes that are critical to the training communities of the Army, Air Force, and Navy.
- Melrose Air Force Range (AFR), associated with Cannon Air Force Base, has been in operation since 1952 and functions as the 27th Special Operation Wing's primary training range. In total, the range provides more than 4,500 annual training hours for U.S. and coalition Special Operations forces.
- The 49th Wing, located at Holloman Air Force Base, trains F-22 Raptor, MQ-1 Predator, and MQ-9 Reaper pilots that are deployed worldwide to support peacetime and wartime contingencies.
- In May of 2019, Cannon Air Force Base and The Conservation Fund placed a conservation easement on 30,653 acres of land adjacent to Melrose AFR, protecting the range and the 27th Special Operations Wing from the effects of encroachment. This was the largest single transaction in the history of the REPI program.
- Located in Albuquerque, Kirtland Air Force Base occupies over 51,000 acres and houses the Air Force Research Lab New Mexico, which offers a myriad of innovative science, technology, engineering, and mathematics opportunities

REPI PROJECTS

Project Installation	County	Congressional District
Cannon Air Force Base	Curry	3rd
Melrose Air Force Range	Roosevelt	3rd
White Sands Missile Range	Doña Ana, Otero, Socorro, Sierra, Lincoln	2nd

For all REPI Project Profiles visit: <http://www.repi.mil/BufferProjects/ProjectList.aspx>



Helicopters leave White Sands Space Harbor after picking up Soldiers during air assault training. The training event allowed the pilots and support units to practice forward refueling and operating in a large group.

Key REPI Partners

- Center of Excellence Hazardous Material Management
- Compatible Lands Foundation
- New Mexico State Lands Office
- New Mexico Military Base Planning Commission
- The Conservation Fund
- The Nature Conservancy
- The New Mexico Land Conservancy
- Socorro Agricultural Land Trust
- State of New Mexico
- U.S. Department of Agriculture – Natural Resources Conservation Service
- U.S. Department of Interior – Bureau of Land Management
- U.S. Fish and Wildlife Service

Data Sources

- For Economic Impact Information:
 - The Conservation Fund: www.conservationfund.org
 - <https://www.holloman.af.mil/Portals/101/Environmental%20documents/EIS%202016.pdf>
 - <https://militarybases.com/new-mexico/>
 - <https://nmpartnership.com/industry-sectors/aerospace-defense/>
- For Land Information: Office of the Assistant Secretary of Defense for Sustainment, Real Property, Business Systems & Information Directorate: "Base Structure Report – FY22 Baseline" (as of 30 Sept 2021)
- For Federal Spending and Personnel Information: Office of Local Defense Community Cooperation: "Defense Spending by State – Fiscal Year 2021": <https://oldcc.gov/dsbs-fy2021>
- For REPI Projects Information: "2023 REPI Report to Congress": https://www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2023RTC.pdf



REPI

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READINESS AND ENVIRONMENTAL
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PROJECT PROFILES

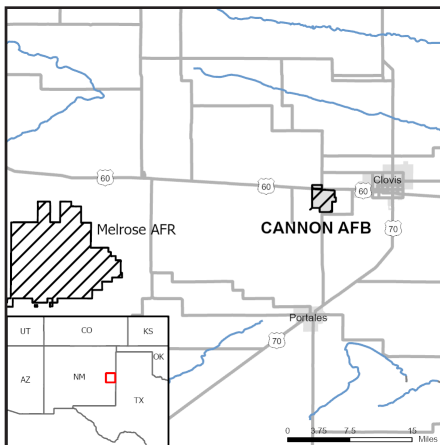
U.S. AIR FORCE | NEW MEXICO



CANNON AIR FORCE BASE

Cannon Air Force Base (AFB) is home to the 27th Special Operations Wing (SOW).

The base's location also makes it the western home of the Air Commando and other U.S. Special Operations Command components. The base and associated Melrose Air Force Range provide training for DOD and international coalition forces in Strike, Intelligence-Surveillance-Reconnaissance, Mobility, Battlefield Support, and Special Tactics and ground force missions.



Access to potable water at Cannon AFB is critical for mission sustainment. However, the water levels of the Ogallala Aquifer, Cannon AFB's best source of potable water, have been declining with a drastic reduction over the past 15 years. Based on current trends and water usage, the Ogallala Aquifer is predicted to be depleted in about 10 years, which could negatively impact the important missions currently executed at Cannon AFB. To mitigate water resource challenges on-installation and in the

surrounding communities, Cannon AFB will acquire conservation easements within the Paleo channel to manage and conserve water pumping at irrigation wells in the area. By protecting this area from being developed and encouraging water conservation methods, this project will enhance drought resilience and ensure a drought or other unforeseen events do not leave the water authority without a water supply. The project will also improve and restore rare and declining habitats, such as the Playa Lake which provides ground water recharge.

The sustainable management of irrigation wells and protected lands will lessen stress on the aquifer, increase the longevity of water resources in the area, and promote sustainable land management practices on surrounding agricultural lands thereby supporting the local agricultural economy. This project will also work to secure and sustain water resources for nearby impacted communities, cities, and townships along with Cannon AFB.

BENEFIT SUMMARY

COMMUNITY

- Protects water resources
- Supports wetlands and natural resource conservation
- Protects local economy

MILITARY

- Protects the base's critical missions for the foreseeable future
- Avoids disruption to air and cyberspace mission capabilities
- Reduces risk of training limitations from prolonged drought events



The New Mexico landscape provides an optimal training environment for aircrews operating aircraft such as the MC-130J Commando II (top) and unmanned aerial vehicles such as the MQ-9 Reaper (bottom). Airmen and women of the 27th Special Operations Wing are able to test and train on these aircraft and others at Cannon AFB.

KEY PARTNERS

- Central Curry Soil/Water Conservation District
- Natural Resources Conservation Service
- New Mexico Associates of Conservation Districts
- Ogallala Land and Water Conservancy
- Private Landowners
- Texas Agricultural Land Trust
- U.S. Air Force
- U.S. Fish and Wildlife Service

FAST FACTS THROUGH 30 SEP 2022

- ACRES PRESERVED:
0
- TRANSACTIONS CONDUCTED:
0
- TOTAL FUNDS EXPENDED:
\$0
- PROJECT STATUS:
Initiated

CONTACT

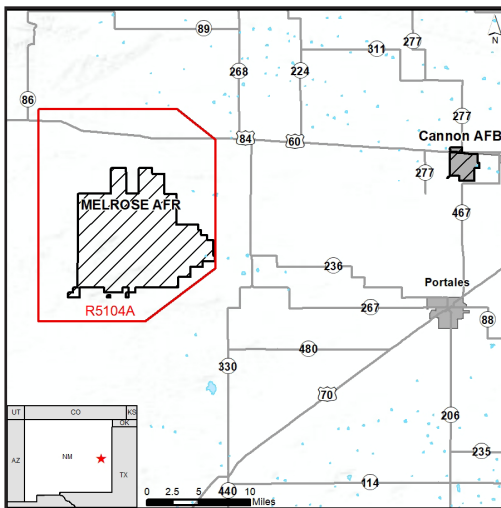
PUBLIC AFFAIRS OFFICE:
(575) 784-4131



MELROSE AIR FORCE RANGE

Melrose Air Force Range (MAFR) provides more than 4,500 training hours for Special Operations Forces each year.

These hours consist of strike, intelligence, surveillance, reconnaissance, mobility, battlefield support, special tactics, and ground force mission training for Special Operations Forces. In addition, the integrated nature of this range allows for combined air and ground training operations in settings very similar to those found



in current areas of conflict, yielding greater success on the battlefield.

Although MAFR is located in rural eastern New Mexico, the elevation of the surrounding topography is very appealing to wind energy developers. MAFR is a relatively small range, therefore construction of turbines in the area would create vertical hazards and light-pollution capable of rendering 50% of training activities impracticable. With the support of the state, partner and REPI funding, this

project will secure restrictive use easements to provide buffer protection at MAFR to mitigate the impacts of potential development pressures.

The land surrounding MAFR is currently used compatibly as rangeland, farmland, and grasslands. The grassland environment also serves as habitat to the critically endangered lesser prairie chicken and other ground nesting species. By protecting this land from development, historical agricultural operations will be sustained, and rangelands and grasslands will be preserved, benefitting the local wildlife and the military mission.

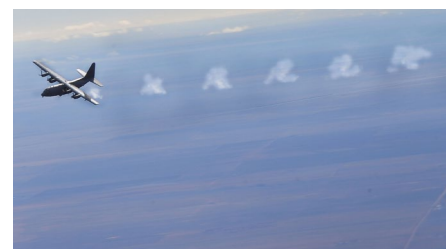
BENEFIT SUMMARY

COMMUNITY

- Protects working lands
- Maintains existing land use patterns
- Preserves habitat for endangered species
- Maintains local character

MILITARY

- Ensures that existing compatible areas remain compatible
- Ensures the ability to conduct operations and training activities



A conservation easement adjacent to Melrose Air Force Range consists of 30,493 acres (top). An AC-130W Stinger II fires its weapon over Melrose Air Force Range, N.M (bottom).

KEY PARTNERS

- The Conservation Fund
- The New Mexico Land Conservancy
- State of New Mexico

FAST FACTS THROUGH 30 SEP 2022

- ACRES PRESERVED:
30,493
- TRANSACTIONS CONDUCTED:
1
- TOTAL FUNDS EXPENDED:
\$3.1 million
- PROJECT STATUS:
In Progress

CONTACT

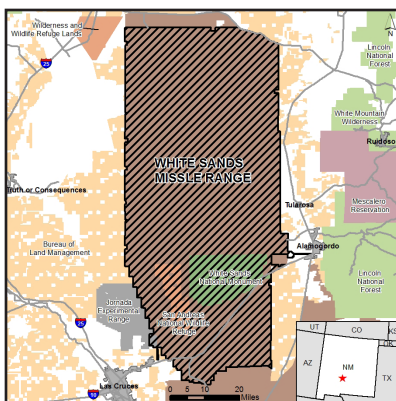
PUBLIC AFFAIRS OFFICE:
(575) 784-4131



WHITE SANDS MISSILE RANGE

In addition to being the largest military installation in the United States, White Sands Missile Range (WSMR) is the DOD's largest fully instrumented open-air range and was named the 2nd most important all-overland test range in the United States by the 2005 BRAC Commission.

WSMR hosts 100% of the military's Remote Pilot Aircraft training (RPA), 70% of F-22 and F-16 pilot training, and most training for nearby Holloman Air Force Base. The northernmost part of WSMR, called the "Northern Call-Up Area" (NCUA),



provides invaluable airspace for the DOD and its partners.

Encroachment is of critical concern to the NCUA, as it presents risks to low-flying missile operations and may affect the use and choice of radar locations. Development along NCUA's borders would lead to issues related to radiation, noise, air quality degradation, and dust. Projected population growth and recent land sales indicate that the likelihood of this threat will only increase

with time. WSMR has partnered with local stakeholders and hopes to purchase easements near the NCUA to mitigate encroachment. Purchasing easements will allow training to continue in a realistic manner and also benefit local ranching communities that are also vulnerable to development. Ranching is an important and long-standing tradition in southern New Mexico, and its preservation is a high priority for WSMR.

WSMR's partnerships with local stakeholders will generate benefits that extend far beyond military readiness. Purchasing easements surrounding NCUA will give WSMR the opportunity to become a leader in archeological preservation and an ally who supports the surrounding area's economic and recreational interests. The land adjacent to NCUA has a high density of prehistoric archeological sites. WSMR's partnerships will reduce development pressures on those sites and encourage traditional rural use of the land that will generate local revenue through ranching and hunting.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local charter
- Protects water supply
- Provides recreational activities

MILITARY

- Reduces electromagnetic interference
- Provides for mission growth
- Reduces lost training days and the need for workarounds that would reduce training realism or effectiveness



Soldiers conduct sling-load operations by loading an M777 Howitzer using cables attached to the underside of a CH47 Chinook helicopter, which transported the weapon to another location (top). Soldier monitors input from the Tactical Operations Center (bottom).

KEY PARTNERS

- Bureau of Land Management
- Compatible Lands Foundation
- U.S. Department of Agriculture-Natural Resources Conservation Service
- New Mexico Land Conservancy
- New Mexico Military Base Planning Commission
- New Mexico State Lands Office
- Socorro Agricultural Land Trust
- The Nature Conservancy

FAST FACTS THROUGH 30 SEP 2022

- ACRES PRESERVED:
362,163
- TRANSACTIONS CONDUCTED:
6
- TOTAL FUNDS EXPENDED:
\$39.7 million
- PROJECT STATUS:
In Progress

CONTACT

PUBLIC AFFAIRS OFFICE:
(575) 678-1134