



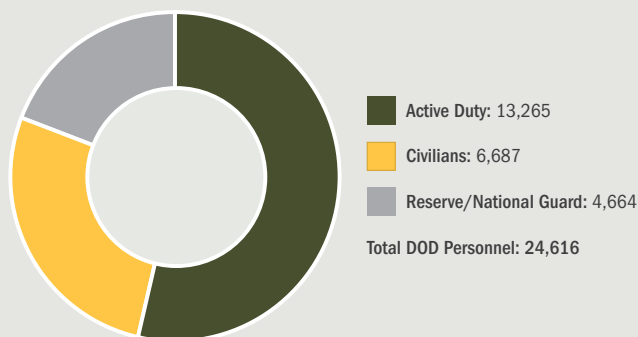
OVERVIEW

In Fiscal Year (FY) 2023, the state of New Mexico received \$4.6 billion in Defense spending, which provides direct funding for the Department of Defense (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 investments, 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. The Department 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 the REPI Program, 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 benefited from broad bipartisan support both in the U.S. Congress and among groups representing state and local officials. From FY 2018 through FY 2024, DOD and its partners have contributed over \$51.2 million to REPI projects supporting three installations in New Mexico.

DOD IN NEW MEXICO

DOD Personnel (as of 30 Sep 2023)



Federal Defense Spending and Economic Impact (in FY 2023)



\$4.6 billion
in Federal
Defense
spending



3.6%
of state Gross
Domestic
Product



\$1.6 billion
in payroll contributed
\$2.9 billion
in contracts awarded

Acres of DOD Managed and State-Owned National Guard Land (as of 30 Sep 2023)



DOD
Managed Land

3,732,415 acres



State-Owned
National Guard Land

1,350 acres

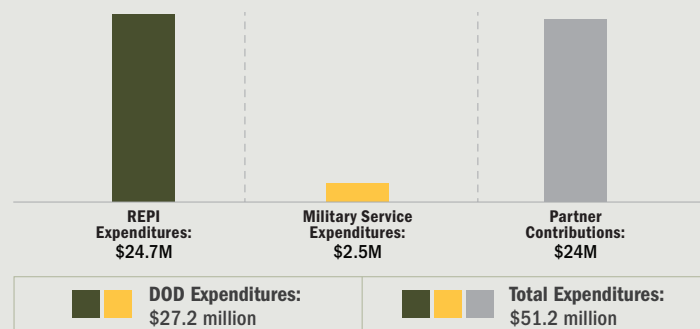


**Total DOD Managed
and State-Owned
National Guard Land**

3,733,766 acres

REPI PROJECTS* IN NEW MEXICO

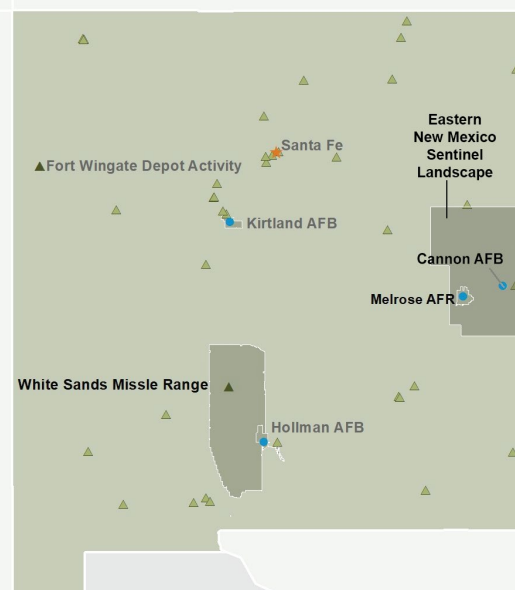
Funding Summary (from FY 2018 through FY 2024)



Subtotals may not sum to combined totals due to rounding.

* REPI projects refer to any action authorized by 10 U.S. Code (U.S.C.) § 2684a to include the acquisition of real property interests in land from willing landowners to prevent incompatible development or improve military installation resilience. REPI projects involving the Army or Army National Guard are also termed Army REPI partnerships. Those involving the Navy, Marine Corps, or Air Force, are also termed encroachment partnering agreements. Eligible entities include conservation organizations and state and local governments.

Total Acres Protected (FY 2018 through FY 2024): 417,003



★ State Capital ▲ Army ◆ Navy ■ Marine Corps
● Air Force ▲ Army National Guard
AFB: Air Force Base | AFR: Air Force Range

**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 (AFB), 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 AFB, trains **F-22 Raptor, MQ-1 Predator, and MQ-9 Reaper pilots** that are deployed worldwide to support peacetime and wartime contingencies.
- The Ogallala Aquifer is the primary water source for the Cannon AFB, making it a key priority for DOD to protect. In partnership with Ogallala Land & Water Conservancy, Cannon AFB used REPI Program funding to secure three-year, short-term water right lease agreements to provide immediate relief to the strained aquifer and safeguard critical groundwater resources.
- Located in Albuquerque, Kirtland AFB 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

Installation	County	Congressional District
Cannon AFB	Curry	3rd
Eastern New Mexico Sentinel Landscape	Curry, Roosevelt, Quay	3rd
Melrose AFR	Roosevelt	3rd
White Sands Missile Range	Doña Ana, Otero, Socorro, Sierra, Lincoln	2nd

For all REPI Project Profiles visit: 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
- Central Curry Soil and Water Conservation District
- Compatible Lands Foundation
- Curry County
- National Center for Appropriate Technology/Soil for Water
- New Mexico Association of Conservation Districts
- New Mexico Bureau of Geology and Mineral Resources
- New Mexico Department of Game and Fish
- New Mexico Military Base Planning Commission
- New Mexico Office of the State Engineer
- New Mexico State Lands Office
- Ogallala Land and Water Conservancy
- Playa Lakes Joint Venture
- Private Landowners
- Socorro Agricultural Land Trust
- State of New Mexico
- The Conservation Fund
- The Nature Conservancy
- The New Mexico Land Conservancy
- Texas Agricultural Land Trust
- Thornburg Foundation
- U.S. Air Force
- 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:**
 - New Mexico Bureau of Business and Economic Research, Economic Impact of Military Installations in New Mexico on the State Report: www.api.bber.unm.edu/api/files/UNMBBER_Economic_Impact_of_Military_Installations_in_New_Mexico_on_the_State_Report_for_NMEDD_07292022_de74917a9f.pdf
- **For Land Information:** Office of the Assistant Secretary of Defense for Sustainment, Real Property, Business Systems & Information Directorate: “Base Structure Report – FY24 Baseline” (as of 30 Sept 2023)
- **For Federal Spending and Personnel Information:** Office of Local Defense Community Cooperation: “Defense Spending by State – Fiscal Year 2023”: www.oldcc.gov/dsbs-fy2023
- **For REPI Projects Information:** “2025 REPI Report to Congress”: www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2025RTC.pdf



REPI

UNITED STATES DEPARTMENT OF DEFENSE
READINESS AND ENVIRONMENTAL
PROTECTION INTEGRATION PROGRAM

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

FAST FACTS THROUGH FY 2024 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	4	5,264	\$5.4 million

Subtotals may not sum to combined totals due to rounding



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
- Curry County
- National Center for Appropriate Technology Soil for Water
- Natural Resources Conservation Service
- New Mexico Associates of Conservation Districts
- New Mexico Bureau of Geology and Mineral Resources
- New Mexico Department of Game and Fish
- New Mexico Office of the State Engineer
- New Mexico State Land Office
- Ogallala Land and Water Conservancy
- Playa Lakes Joint Venture
- Private Landowners
- Texas Agricultural Land Trust
- The Conservation Fund
- Thornburg Foundation
- U.S. Air Force
- U.S. Fish and Wildlife Service

CONTACT

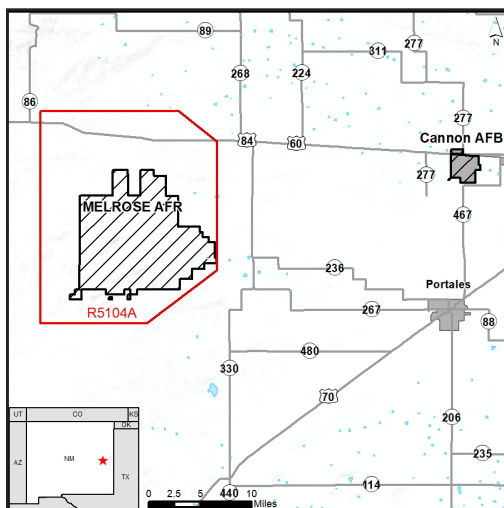
PUBLIC AFFAIRS OFFICE:
(575) 784-4131



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, benefiting the local wildlife and the military mission.

BENEFIT SUMMARY

COMMUNITY

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

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

CONTACT

PUBLIC AFFAIRS OFFICE:
(575) 784-4131

FAST FACTS FROM FY 2019 THROUGH FY 2024 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	1	30,493	\$1.9 million

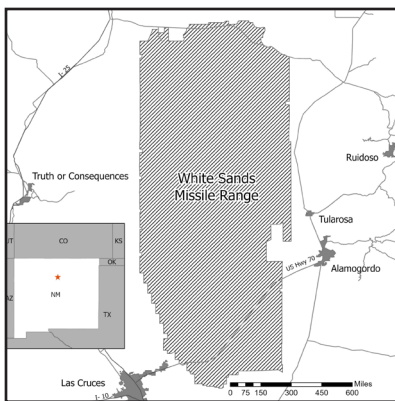
Subtotals may not sum to combined totals due to rounding



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. 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
- 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

CONTACT

PUBLIC AFFAIRS OFFICE:
(575) 678-1134

FAST FACTS FROM FY 2018 THROUGH FY 2024 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	9	373,546	\$42.8 million

Subtotals may not sum to combined totals due to rounding