

FORT MONMOUTH

NEW JERSEY

LOCATION

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 35 miles south of New York City and 70 miles northeast of Philadelphia, PA. The county is part of the New York metropolitan region, and is subject to the applicable demographic and economic trends. The installation is bounded by the communities of Eatontown, Oceanport, Little Silver, Shrewsbury, and Tinton Falls and is comprised of two areas: the Main Post and the Charles Wood Area, separated by less than ½ mile. Located at the Jersey Shore, the climate is temperate humid, characterized by warm summers and moderate winters and is subject to influence from the Atlantic Ocean. The terrain is generally level, with parts of the easterly portion of the Main Post bordered by tidal tributaries. Easy access is available to a variety of major transportation hubs. Newark Liberty International Airport is within 45 miles and Amtrak service is located within 25 miles. NJ Transit provides public transportation by both rail and bus, and the area is served by well-maintained highways. Fort Monmouth's location in high-tech New Jersey provides ready access to premier institutions in academia and industry and a skilled workforce to provide an unprecedented knowledge base to develop the most advanced warfighting systems. There are no encroachment issues at Fort Monmouth, as mission activities are compatible with land uses of neighboring communities.

SIZE

Acres: 1,149

Building Square Footage: 5,126,498 SF

Plant Replacement Value (PRV): \$957,623,100

HISTORY

At the outbreak of World War I, the Army recognized that the Signal Corps was of insufficient size to provide needed communications support should the United States enter the war. Founded in 1917 with the establishment of the Signal School as Camp Little Silver, Fort Monmouth has grown to become the Army's home for technology, logistics and acquisition for Command and Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR). The forerunner of the Army Air Corps and the U.S. Air Force also has roots at Fort Monmouth. In 1935, a new home for Signal Corps Laboratories was completed, and in 1938, the first U.S aircraft detection radar was developed here. Over the last 87 years, the vast majority of communications equipment used by American forces -- field radios, radar, night vision, communications satellites, and even mortar locator systems -- started here, truly earning Fort Monmouth the title of "home of military communications." Other firsts include developing capability for aircraft detection and early warning, development of the televised weather satellite, thermal imaging, the pacemaker, frequency hopping, and development of the

Ada programming language for all mission-critical defense systems. From the development of air to ground communication in 1926 to the first walkie-talkie, and the first radar to bounce waves off the moon, Fort Monmouth continues to be a leader in developing the technologies supporting C4ISR needs from battlespace to sustaining base.

MISSIONS

Fort Monmouth provides life cycle management, including research, development, acquisition, fielding and sustainment of Army and selected joint C4ISR systems. Team C4ISR equips the joint warfighter with tomorrow's technology by providing the architectural framework and systems engineering to ensure joint interoperability and integration across the battle space and is critical to enabling Network Centric Warfare. Team C4ISR is the provider of technologies that enable the American fighting soldier to move, shoot and communicate on the modern battlefield and manages nearly 50% of the entire Army's parts. It also features one of DoD's largest software engineering centers. Fort Monmouth is also home to the U.S. Military Academy Preparatory School. The school's purpose is to prepare and train selected enlisted members of the Army to academically and physically qualify for admission to the United States Military Academy.

MAJOR UNITS/TENANTS

- Team C4ISR, comprised of:
 - U.S. Army Communications-Electronics Command
 - U.S. Army Research, Development and Engineering Command Communication-Electronics Research, Development and Engineering Center
 - Program Executive Office Command, Control and Communications -- Tactical
 - Program Executive Office Intelligence, Electronic Warfare, and Sensors
 - Two major Project Managers of Program Executive Office Enterprise Information Systems
- Defense Information Systems Agency Interoperability Standards Division
- U.S. Military Academy Preparatory School
- Patterson Army Health Clinic
- FBI Information Technology Center
- Federal Emergency Management Agency Region II Continuity of Operations Site
- Veterans Administration Clinic

POPULATION

	Authorized
Military	424
Civilian	4,812
Contractor	2,425
Student	214
Other	455
TOTAL	8,330