

MARYLAND

SUMMARY: MILITARY SPENDING IN MARYLAND

GENERAL

Maryland is 4th in the country in Pentagon prime contract awards, receiving over \$13.5 billion in FY 2014. It is 4th in the country for in contract awards per capita, with \$2,260 being awarded per person in the state. Prime Pentagon spending accounted for 4.2% of Maryland's overall GDP in FY 2014.

MARYLAND DEFENSE CONTRACTORS

Lockheed Martin – Has multiple facilities in Maryland, including the company's headquarters in Bethesda, three Information Systems and Global Solutions facilities, and a Ship and Aviation Systems location in Baltimore. Largest contracts awarded to Baltimore for Littoral Combat Ships primarily seem to be performed elsewhere; other large contracts are for missile launching systems

Johns Hopkins University Applied Physics Laboratory – Provides a wide range of R&D and technical support/solutions to the Department of Defense

Northrop Grumman – 10,000 employees in the Greater Baltimore area primarily work on radar, sensor, and navigation systems, including radar for the F-16, F-22, and F-35

ARINC (Aeronautical Radio, Incorporated) – Researches and manufactures communication technology for a wide range of applications, as well as providing other computer and technology services

MILITARY BASES

- 1) [Fort Meade](#) (51,158 personnel as of January 2015: 28,004 civilians, 14,394 uniformed military personnel, and 8,756 contractors) – The fourth-largest military installation in the country and Maryland's largest employer. Headquarters to agencies such as Cyber Command (planning to expand workforce over next 4 years) and the National Security Agency, along with 95 other Armed Forces organizations
- 2) [Aberdeen Proving Ground](#) (15,000+ personnel: approximately 7,500 civilians, 5,000 military personnel, and 3,000 contractors) – Home to facilities for R&D, testing, and evaluation of Army materials, including chemical materials and defense. One of the largest employers in the state in terms of jobs supported statewide
- 3) [Naval Air Station Patuxent River](#) (17,000+ personnel: 3,000 military personnel, 6,900 civilians, 6,400 contractors, and 370 non-appropriated-fund employees) – Home to Naval Air Systems command and the Naval Air Warfare Center Aircraft Division, it is the primary facility for research and development in naval aviation
- 4) [Joint Base Andrews](#) (14,000+ personnel: 12,000 military personnel and 2,000 civilians) – Formed by the merging of Andrews Air Force Base and Naval Air Facility Washington in 2009, Joint Base Andrews is a major Air Force and Navy airbase, home to a variety of units, including the 11th Wing, in charge of the VC-25 aircraft that serve as Air Force One when the President of the United States is aboard

- 5) [Walter Reed National Military Medical Center](#) (approximately 7,000 personnel) – A tri-service medical center, created by combining the Walter Reed Army Medical Center and the National Naval Medical Center in 2011, it is one of the most prominent US military medical facilities currently in service
- 6) [Fort Detrick](#) (approximately 7,800 personnel)– A facility that used to be home to the US biological weapons program, it is now home to a variety of government and military agencies that together comprise the US biological defense program
- 7) [United States Coast Guard Yard](#) (approximately 1,300 civilian and military personnel)– The US Coast Guard’s only shipbuilding and major repair facility, in charge of constructing and maintaining the Coast Guard’s fleet of cutters
- 8) [Warfield Air National Guard Base](#) (1,414 personnel as of 2013) – Co-located with Martin State Airport, it is home to the 175th Wing of the Maryland Air National Guard
- 9) [National Maritime Intelligence Integration Office](#) (1,890 personnel as of 2012) – A United States Navy facility, it is home to many maritime-oriented intelligence agencies, including the Office of Naval Intelligence, the National Maritime Intelligence Integration Office, the Naval Information Warfare Activity, and the Coast Guard Intelligence Coordination Center
- 10) [Indian Head Naval Surface Warfare Center](#) (2,564 personnel as of 2012)– A component facility of the Naval Sea Systems Command, the Indian Head center is a research facility dedicated to the field of “energetics” (explosives, propellants, pyrotechnics, reactive materials, etc.)
- 11) [Carderock Division of the Naval Surface Warfare Center](#) (1,563 personnel as of 2012)– A component facility of the Naval Sea Systems Command, it is the headquarters for a series of facilities that focus on naval construction and design research and development programs
- 12) [United States Naval Academy](#) (4,400 midshipmen, 570 faculty)– The service academy of the Department of the Navy, it is responsible for educating future officers in the United States Navy and Marine Corps
- 13) [Naval Support Activity Annapolis](#) (7,765 personnel as of 2012)- Located directly across the Severn River from the US Naval Academy (see above), Naval Support Activity Annapolis provides operations support and logistics to US Navy installations in the area
- 14) [Adelphi Laboratory Center](#) (1,234 personnel as of 2012) – A US Army-owned research campus, it is home to a branch of the Army Research Laboratory and the National Capital Region Information Operations Command
- 15) [US Army Corps of Engineers Baltimore District](#) (1,215 personnel: 1,200 civilians and 15 military personnel) – The local branch of the US Army Corps of Engineers in charge of maintaining federal facilities and waterways, improving local infrastructure measures such as flood levees and reservoir projects, and other construction operations
- 16) [US Naval Research Laboratory Chesapeake Bay Detachment](#) (15 personnel as of 2012) – A branch of the US Naval Research Laboratory specializing in basic research into radar, electronic warfare, optical devices, materials, communications, and fire research

DETAILED STATE PROFILE

MARYLAND DEFENSE CONTRACTORS

1 – [Lockheed Martin Corp.](#) - \$998,987,877 in FY 2014

- Headquartered in Bethesda, MD, Lockheed Martin is the largest defense contractor in the United States, employing 112,000 people worldwide with net sales of \$45.6 billion in FY 2014. ([Lockheed Martin about us page](#))
 - Owns a number of subsidiary businesses; recently bought Sikorsky for \$9.0 billion ([Lockheed Martin press release](#)).
- Lockheed Martin operates in five business segments, each dedicated to a certain set of products and services: Aeronautics, Information Systems & Global Solutions (IS&GS), Missiles and Fire Control (MFC), Mission Systems and Training (MST), and Space Systems. ([Lockheed Martin 2014 annual report](#))
- Lockheed Martin facilities in Maryland include ([Lockheed Martin locations map](#)):
 - Corporate Headquarters building located in Bethesda, MD
 - Aeronautics facility located at Naval Air Station Patuxent River, MD
 - Mission Systems and Training, Information Systems & Global Solutions facilities located in Baltimore, MD
 - Information Systems & Global Solutions facilities located in Gaithersburg, MD, Hanover, MD, and Rockville, MD
- Some recent contracts awarded to Lockheed Martin Corp. include:
 - “Lockheed Martin Corp., Mission Systems and Training, Baltimore, Maryland, is being awarded a **\$10,281,531** cost-plus-fixed-fee contract for MK 41 Vertical Launching System (VLS) electrical design agent, technical and engineering services. The MK 41 VLS provides a missile launching system for CG 47 and DDG 51 class and the ground ballistic missile defense program. The contractor will provide logistics and technical services to support the Life Cycle Support Facility, integration of new missiles into MK 41 VLS, integration of MK 41 VLS into new ships, product improvement engineering, systems engineering, computer program engineering, failure analysis, creation and prototyping of engineering change proposals and production support. This contract includes options which, if exercised, would bring the cumulative value of this contract to \$182,068,736. This contract combines purchases for the U.S. Navy (96.3 percent) and the government of Japan (3.7 percent) under the Foreign Military Sales program. Work will be performed in Baltimore, Maryland (93.7 percent), and Ventura, California (6.3 percent), and is expected to be completed by September 2014.” ([Defense Department Contracts, 5/5/2014](#))

2 – [Johns Hopkins University](#) - \$770,135,933 in FY 2014

- Located primarily in Baltimore, with various satellite facilities worldwide, Johns Hopkins is a world-renowned research university founded in 1876. ([Johns Hopkins fact book](#))
 - As a whole, employs over 47,000 people in Maryland and contributes \$9.1 billion to the state economy ([Johns Hopkins factbook](#))
- Most government contracts go to the Johns Hopkins University Applied Physics Laboratory (APL), which performs work in departments such as air and missile

defense, cyber operations, homeland protection, national security analysis, national security space, precision engagement, special operations, strategic systems, and undersea warfare. ([Johns Hopkins APL about us page](#))

- There are twenty major buildings and laboratories that comprise the Applied Physics Laboratory, along with a nearby satellite campus. It employs 5,000 people –68% of them are engineers and scientists ([Johns Hopkins APL about us page](#))
- Some recent contracts awarded to Johns Hopkins University include:
 - “Johns Hopkins University Applied Physics Laboratory, a university affiliated research center in Laurel, Maryland, is being awarded an indefinite-delivery, indefinite-quantity contract with a maximum value of **\$405,000,000** for theoretical analyses, exploratory studies, and/or experiments in various fields of science and technology; and engineering and/or developmental work for the practical application of investigative findings and theories of a scientific or technical nature through employment of their eight core competencies in support of U.S. Special Operations Command. The work will be performed in Laurel, Maryland, and is expected to be completed by February 2020.” ([Defense Department Contracts, 3/3/2015](#))

3 – [Northrop Grumman Corp.](#) - **\$613,677,615 in FY 2014**

- Headquartered in Falls Church, VA, Northrop Grumman “is a leading global security company providing innovative systems, products, and solutions in unmanned systems, cyber, C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance), and logistics and modernization.” ([Northrop Grumman about us page](#))
 - Has four business sectors: aerospace systems, electronic systems, information systems, and technical services ([Northrop Grumman about us page](#))
- Has multiple facilities located in MD, including locations in Annapolis, Baltimore, Bethesda, Elkridge, Woodlawn, Middle River, Sykesville, Columbia, Hanover, Linthicum, Fort Meade, Lanham, Millersville, Landover, New Carrollton, Hyattsville, Rockville, and others ([Northrop Grumman careers page](#))
 - Northrop Grumman Electronic Systems is headquartered in Linthicum, MD (in the Baltimore Area). ([Northrop Grumman Electronics Systems about us page](#))
 - Has 9,300 employees in the Greater Baltimore area as of 2015 ([Baltimore Business Journal, 7/24/2015](#))
 - Facilities in the Baltimore area work “on projects like the F-16, F-22, and F-35 Radar Systems, Electro-Optical Distributed Aperture System, Multirole Electronically Scanned Array (MESA) Radars, Distributed Common Ground System, Unmanned Semi-Autonomous Systems, VADER and STARLite Radars, and Ground/Air Task Oriented Radar (G/ATOR), along with system design, software development, and integration programs for the intelligence community, and undersea systems for naval customers.” ([Northrop Grumman Featured Locations page](#))
- Some recent contracts awarded to Northrop Grumman include:
 - “Northrop Grumman, Annapolis, Maryland, is being awarded an **\$18,970,332** delivery order under a previously awarded contract (N61331-

10-D-0009) for the procurement of field upgradeable kits and fleet support for conversion of the AN/AQS-24A systems to the AN/AQS-24B configuration in support of the Airborne Mine Countermeasure Systems Program. Work will be performed in Annapolis, Maryland, and is expected to be completed by March 2016.” ([Defense Department Contracts, 9/30/2014](#))

- “Northrop Grumman Systems Corp., Linthicum Heights, Md. Was awarded a **\$40,691,060** firm-fixed-price multi-year contract to provide up to 94 systems of Small Tactical Radar – Lightweight (STARLite) Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI) systems [a STARLite consists of one Aviation (A-Kit) and one B-Kit] for the U.S. Army. Fiscal 2013 other procurement, Army funds in the amount of \$34,941,007 and fiscal 2014 other procurement, Army funds in the amount of \$5,750,053 were obligated at the time of the award. Estimated completion date is April 22, 2017. One bid was solicited and one received. Work will be performed in Linthicum Heights Md.” ([Defense Department Contracts, 4/23/2014](#))
- “Northrop Grumman Systems Corp., Linthicum Heights, Md., was awarded a **\$65,288,028** contract modification (P00037) to contract W15P7T-11-C-H267 for continued operations and sustainment of the vehicle and dismount exploitation radar (VADER) currently deployed in theater. Fiscal 2014 operations and maintenance, Army funds in the amount of \$24,861,376 were obligated at the time of the award. Estimated completion date is Dec. 31, 2014. Work will be performed at Linthicum Heights, Md.” ([Defense Department Contracts, 12/13/2013](#))

4 – [ARINC \(Aeronautical Radio, Incorporated\)](#) - \$24,544,293 in FY 2014

- Headquartered in Annapolis, “ARINC Incorporated provides communications, engineering, and integration solutions. It provides aircraft integration and modifications, data applications, engineering, industrial and manufacturing engineering, integration, modeling and simulation, network engineering, space and satellite engineering, test and evaluation, training, airport operations, and airport systems integration services. The company also provides passenger processing systems, voice and data communications, weather services, business aviation solutions, homeland defense, public safety systems and wireless data networking, wireless LAN solutions, transportation and critical infrastructure security, maritime navigation, rail control center integration services.” Employs approximately 3,200 people. ([Bloomberg Business profile](#))
 - As of 2013, ARINC was bought by Rockwell Collins and is now a wholly owned subsidiary business. ([Rockwell Collins other businesses page](#))
 - Part of ARINC that dealt with industry standardization activities (essentially setting industry guidelines for products and services) was instead sold to SAE International’s Industry Technologies Consortia (SAE ITC). ([ARINC Industry Activities FAQ page](#))
- Some contracts recently awarded to ARINC include:
 - In December of 2013, ARINC was awarded a **\$2,172,367** contract for “engineering and integration support” for the Joint Precision Approach and Landing System (JPALS), with the work to be performed in Saint Inigoes, MD. ([usaspending.gov transaction details page](#))
 - Multiple other contracts in FY 2014 were also awarded for JPALS “engineering and integration support.”

MARYLAND MILITARY BASES

1 – Aberdeen Proving Ground – (approximately 15,000 personnel: 7,500 civilians, 5,000 uniformed military, and 3,000 contractors)

- Located in Aberdeen, MD (in Hartford County, near the shores of Chesapeake Bay), “Aberdeen Proving Ground is home to 11 major commands and supports more than 80 tenants, 20 satellite and 17 private activities. The installation provides facilities to perform research, development, testing and evaluation of Army materiel. Facilities include laboratories for research investigations, state-of-the-art ranges, engineering test courses for wheeled and tracked vehicles and a wide variety of research. The installation also supports a wide variety of training, including mechanical maintenance, health promotion and preventive medicine, chemical and biological defense, and chemical casualty care, chemical demilitarization. APG also is host National Guard and U.S. Army Reserve operations and training. ([APG facts](#))
 - The base, which covers 72,500+ acres and encompasses 2000 buildings, has a primary function of performing “research, development, testing, and evaluation of Army materiel.” ([APG facts page](#))
 - Major tenants: US Army Research, Development and Engineering Command (RDECOM); US Army Contracting Command Aberdeen Proving Ground; US Army Test and Evaluation Command; US Army Public Health Command; US Army 20th Support Command; US Army Communications-Electronics Command Life Cycle Management Center; US Army Medical Research Institute of Chemical Defense; US Army Chemical Materials Agency; US Army 203rd Military Intelligence Battalion ([APG facts](#))
- “APG is Harford County’s largest employer and one of the largest employers in the state, supporting almost 24,000 jobs statewide.” ([Harford Business](#))
 - Economic impact: APG creates more than \$1.8 Billion in economic activity within the State of Maryland and \$1.1 Billion within Harford and Cecil Counties ([Harford Business](#))
- “APG contributes more than \$400 million in payroll and \$500 million in contracts annually. A \$1 billion research and development resource, and a key player in the nation’s homeland defense and international counter-terrorism efforts, APG is an economic and technology resource for the region.” ([APG facts](#))

2 – Fort Meade – (51,158 personnel as of 2015: 28,004 civilians, 14,394 uniformed military, and 8,756 contractors)

- The fourth largest military installation in the country and Maryland’s largest employer, Fort Meade is most well know for being home to a number of notable intelligence and cyberspace agencies, including the National Security Agency and US Cyber Command. It also is home to 117 tenant units and organizations, including units from all branches of the US armed forces and various federal agencies ([Fort Meade 101 presentation](#))
 - For a full list of partner commands and units stationed at Fort Meade, consult their “[partner commands](#)” page.
- In 2012, Fort Meade generated had a \$17 billion economic impact at the local, state, and regional level, up from \$10 billion in 2007. (Capital Gazette, [1-22-12](#))
 - “Directly or indirectly supports about 170,000 jobs in the region, including many defense contractors [...] Since 2005, Fort Meade’s workforce has expanded from 34,000 employees to 56,000 employees, with BRAC

accounting for just 5,800 of the 22,000 new positions” (Baltimore Sun, [1-4-12](#))

- “It is home to approximately 11,000 military personnel along with about 29,000 civilian employees. Nearly 6,000 family members reside on post.” ([About](#); Capital Gazette, [1-22-12](#))

3 – Naval Air Station Patuxent River – (approximately 17,000 personnel: 3,000 uniformed military, 6,900 civilians, 6,400 contractors, and 370 non-appropriated-fund employees)

- Sometimes known as “Pax River”, Naval Air Station Patuxent River is located in St. Mary’s County and is the largest employer in the county. It is home to the Naval Air Systems Command, US Naval Test Pilot School, and the Naval Air Warfare Center Aircraft Division, and it is the primary facility for research and development in naval aviation. ([Global Security page on Pax River](#))
 - It is also home to a substantial number of tenant commands and units, a full list of which can be found [here](#).
- “Pax River” local economic impact:
 - It directly funnels \$955 million in payroll, \$1.7 billion in purchases, and \$1.35 million in visitor spending into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, directly and indirectly supported 36,956 jobs in the area as of FY 2012, with combined wages of \$2.4 billion and combined output of \$7.5 billion. These figures are changed FY 2008, when Pax River supported 41,185 jobs with combined wages of \$2.4 billion and output of \$6.6 billion. ([Maryland Economic Impact of Military Bases report](#))

4 – Joint Base Andrews – (approximately 14,000 personnel: 12,000 uniformed military, and 3,000 employees)

- Located near Camp Springs, MD, Joint Base Andrews was formed by the merging of Andrews Air Force Base and Naval Air Facility Washington in 2009. It is a major Air Force and Navy airbase that is home to a variety of units, including the 11th Wing of the US Air Force that is in charge of the VC-25 aircraft that serve as Air Force One when the President is aboard. ([Joint Base Andrews info page](#))
 - Joint Base Andrews is also home to a number of important tenant commands and units, including the DC Air National Guard, the National Guard Bureau, and the Air Force District of Washington. ([Joint Base Andrews info page](#))
- Joint Base Andrews local economic impact:
 - It directly funnels \$768 million in payroll and \$64 million in purchases into the local economy as of FY 2013. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, Joint Base Andrews directly and indirectly supported 26,955 jobs as of FY 2013, with combined wages of \$1.1 billion and output of \$2.3. These figures are significantly higher than FY 2008, when Joint Base Andrews supported 12,506 jobs with combined wages of \$581 million and output of \$1 billion. ([Maryland Economic Impact of Military Bases report](#))

5 – Walter Reed National Military Medical Center (approximately 7,000 personnel)

- Formed in 2011 after the integration of Walter Reed Army Medical Center and the National Naval Medical Center, Walter Reed is the world’s largest military medical center. ([Walter Reed about us page](#))

- Located in Bethesda, MD, its 7,000 staff provide care to over 1 million patients and beneficiaries per year. ([Walter Reed about us page](#))
- Walter Reed is the primary tenant command of Naval Support Activity (NSA) Bethesda, which is also located in Bethesda and hosts a variety of local tenant commands, including the National Institute of Health, the Naval Criminal Investigative Service, and others (for a full list, [see the NSA Bethesda info page](#)). ([Maryland Economic Impact of Military Bases report](#))
 - Naval Support Activity Bethesda economic impact:
 - It employs 11,686 personnel and directly funnels \$479 million in payroll, \$93.2 million in purchases, and \$28.6 million in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supports 20,326 jobs as of FY 2012, with combined wages of \$728 million and output of \$1.5 billion. These figures are significantly higher than FY 2008, when NSA Bethesda supported 11,216 jobs with combined wages of \$480 million and output of \$806 million. ([Maryland Economic Impact of Military Bases report](#))

6 – Fort Detrick (approximately 7,800 personnel)

- Located in Frederic County, MD, Fort Detrick is a US Army Medical Command facility that is the home of the US biodefense research program, as well as housing several military and federal medical research labs and hospitals. ([Fort Detrick about careers page](#))
 - It hosts organizations and agencies from four major departments: the Department of Defense, Department of Justice, Department of Agriculture and the Department of Health and Human Services. ([Fort Detrick about careers page](#))
- Fort Detrick local economic impact:
 - It is the largest employer in Frederick County, directly employing 7,800 people. ([Maryland Economic Impact of Military Bases report](#))
 - Fort Detrick directly funnels \$841 million in payroll and \$2.3 billion in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supports 36,782 jobs as of FY 2012, with combined wages of \$2.7 billion and output of \$7 billion. These figures are significantly higher than FY 2008, when Fort Detrick supported 13,395 jobs with combined wages of \$743 million and output of \$1.8 billion. ([Maryland Economic Impact of Military Bases report](#))

7 – United States Coast Guard Yard (approximately 1,300 personnel)

- Located in the south of Baltimore, the Coast Guard Yard is the sole shipbuilding and maintenance facility for the US Coast Guard, and has served in such a capacity since 1899. It has annual revenue of around \$100 million. ([US Coast Guard about us page](#))
 - Some projects that the Coast Guard Yard will undertake between now and FY 2020 are the renovation and refurbishment of nine 140-ft. Ice-Breaking Tugs, refurbishment of the training ship Eagle, Midlife Maintenance Availability (MMA) work on 225-ft. Seagoing Buoy Tenders, and refurbishment of multiple 47-ft. Motor Lifeboats. ([Coast Guard Dry Dock Facilities report](#))

- The Yard is currently facing a number of equipment issues, such as the poor condition of the floating dry dock Oakridge and port cranes in various states of disrepair. ([Coast Guard Dry Dock Facilities report](#))
- US Coast Guard Yard local economic impact:
 - The Coast Guard Yard directly funnels \$75 million in payroll and \$34 million in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supports 3,066 jobs as of FY 2012, with combined wages of \$147 million and output of \$298 million. These figures are somewhat higher than FY 2008, when the Coast Guard Yard supported 2,395 jobs with combined wages of \$126 million and output of \$218 million. ([Maryland Economic Impact of Military Bases report](#))

8 – Warfield Air National Guard Base (1,414 personnel as of 2013)

- Co-located with Martin State Airport, Warfield Air National Guard Base (ANGB) is home to the 175th Wing of the Maryland Air National Guard, consisting of a squadron of A-10 ground-attack aircraft, maintenance detachments, and a growing cyber warfare element. ([The Chesapeake Guardian magazine](#))
 - The wing has a total strength of 1,414 personnel: 192 officers and 1,222 enlisted airmen as of 2013. A full breakdown of the units (and how many people are in which unit) is available in [The Chesapeake Guardian magazine](#).
- While figures for just Warfield ANGB and the 175th Wing are unavailable, the economic impact of the Maryland Air National Guard in FY 2014 was \$115 million. ([The Chesapeake Guardian magazine 2014](#))
 - Total expenditures of the Air National Guard for FY 2014 were around \$81 million, with most being devoted to full-time employee salaries and drill and training pay. ([The Chesapeake Guardian magazine 2014](#))

9 – National Maritime Intelligence Integration Office (1,890 personnel as of 2012)

- Located in Suitland, MD (which is in Prince George’s County), the National Maritime Intelligence Integration Office (NMIO) is the primary coordination agency for the naval part of the Intelligence Community (IC). ([Maryland Economic Impact of Military Bases report](#))
 - Calling itself “the unified maritime voice of the United States Intelligence Community,” the NMIO isn’t meant to create intelligence; instead, it serves as a coordination center between the various US maritime intelligence agencies such as the Office of Naval Intelligence (ONI), Marine Corps Intelligence Activity (MCIA), and the Naval Information Warfare Activity (NIWA). ([Encyclopedia.com entry](#), [Information Sharing Environment entry](#))
- NMIO local economic impact:
 - The NMIO directly funnels \$167 million in payroll and \$69 million in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 4,027 as of FY 2012, with combined wages of \$303 million and output of \$855 million. These figures are marginally higher than FY 2008, when the NMIO supported 3,343 jobs with combined wages of \$266 million and output of \$402 million. ([Maryland Economic Impact of Military Bases report](#))

10 – Indian Head Naval Surface Warfare Center (2,564 personnel as of 2012)

- Located in Southern Maryland along the Potomac River, the Indian Head facility of the Naval Surface Warfare Center (a part of the Naval Sea Systems Command) is the Navy's primary research facility for energetics (explosives, propellants, pyrotechnics, reactive materials, etc.), as well as serving as the lead facility in the Department of Defense's Explosive Ordnance Disposal (EOD) Technology Program. ([Maryland Economic Impact of Military Bases report](#))
- Indian Head Naval Surface Warfare Center economic impact:
 - Indian Head directly funnels \$198 million in payroll and \$24 million in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 4,951 jobs in FY 2012, with combined wages of \$314 million and output of \$545 million. These figures are down from FY 2008, when 5,165 jobs were directly and indirectly supported by Indian Head, which in turn generated wages of \$281 million and output of \$549 million. ([Maryland Economic Impact of Military Bases report](#))

11 – Carderock Division of the Naval Surface Warfare Center (1,563 personnel as of 2012)

- Headquartered in Bethesda, MD, the Carderock Division of the Naval Surface Warfare Center "is the U.S. Navy's state-of-the-art research, engineering, modeling and test center for ships and ship systems." In short, it conducts research into how best to design and build ships. ([NSWC Carderock Division what we do page](#))
- Carderock Division of the Naval Surface Warfare Center economic impact:
 - Carderock Division directly funnels \$150 million in payroll, \$112 million in purchases, and \$1.1 million in visitor spending into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 4,059 jobs in FY 2012, with combined wages of \$290 million and output of \$557 million. These figures are up from FY 2008, when Carderock Division directly and indirectly supported 3,082 jobs with combined wages of \$214 million and output of \$344 million. ([Maryland Economic Impact of Military Bases report](#))

12 – United States Naval Academy (4,400 midshipmen, 570 faculty)

- Located in Annapolis, MD, the US Naval Academy is the service academy of the US Navy and the US Marine Corps, responsible for training and educating new Navy and Marine Corps officers.
 - At any one time, it is home to 4,400 midshipmen (students) and 570 faculty and staff, who are both uniformed military personnel and civilians. ([US Naval Academy guide p. 18](#))

13 – Naval Support Activity Annapolis (7,765 personnel as of 2012)

- Located directly across the Severn River from the US Naval Academy (see above), Naval Support Activity Annapolis is primarily tasked with providing operations support and logistics to other US Navy installations in the area, including the US Naval Academy and the Chesapeake Bay Detachment of the US Naval Research Laboratory (see below). ([Maryland Economic Impact of Military Bases report](#))
- NSA Annapolis local economic impact:

- Naval Support Activity Annapolis directly funnels \$483 million in payroll and \$92 million in purchases into the local economy as of FY 2012. ([Maryland Economic Impact of Military Bases report](#))
- Additionally, it directly and indirectly supported 12,850 jobs in FY 2012, with combined wages of \$687 million and output of \$1.4 billion. These figures are up from FY 2008, when NSA Annapolis supported 8,886 jobs, with combined wages of \$349 million and output of \$678 million. ([Maryland Economic Impact of Military Bases report](#))

14 – Adelphi Laboratory Center (1,234 personnel as of 2012)

- Located in Prince George’s and Montgomery counties, the Adelphi Laboratory Center (ALC) is a laboratory complex with 36 buildings covering over 200 acres. It is home to a variety of tenant commands, but its primary tenant is the [Army Research Laboratory](#), the corporate research lab of the US Army. The ALC is also home to the National Capital Region Information Operations Command. ([Maryland Economic Impact of Military Bases report](#))
 - The staff at the ALC are also responsible for the Blossom Point Research Facility in Charles County, a testing range that covers 1,600 acres and which is used by the military and other government agencies. ([Baltimore Washington Corridor Chamber ALC info page](#))
- Adelphi Laboratory Center economic impact:
 - The ALC has a total payroll of \$88 million and made purchases totaling \$110 million in FY 2012, with visitor spending accounting for another \$879,000. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 12,850 jobs in FY 2012, with combined wages of \$162 million and output of \$301 million. These figures are somewhat changed from FY 2008, when the ALC only supported 2,831 jobs, but combined wages and output were higher, at \$195 million and \$411 million respectively. ([Maryland Economic Impact of Military Bases report](#))

15 – US Army Corps of Engineers Baltimore District (1,215 personnel: 1,200 civilians and 15 uniformed military)

- Headquartered in Baltimore, MD, the US Army Corps of Engineers provides a number of services throughout the Maryland, Pennsylvania, Virginia, and West Virginia areas that focus on environmental protection, infrastructure and facilities maintenance and improvement, and other duties as needed. ([Maryland Economic Impact of Military Bases report](#), [US Army Corp of Engineers Baltimore District quick facts page](#))
- US Army Corps of Engineers Baltimore District economic impact:
 - The US Army Corps of Engineers directly funnels \$68 million in payroll and \$235 million in purchases into the local economy in FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 4,810 jobs in FY 2012, with combined wages of \$271 million and output of \$617 million. These figures are significantly increased from FY 2008, when the US Army Corps of Engineers supported 1,507 jobs with wages of \$89 million and output of \$79 million. ([Maryland Economic Impact of Military Bases report](#))

16 – US Naval Research Laboratory Chesapeake Bay Detachment (14 personnel as of 2012)

- Located near Chesapeake Beach, MD, the Chesapeake Bay Detachment of the US Naval Research Laboratory conducts research into radar, electronic warfare, optical devices, materials, and communications. ([Chesapeake Bay Detachment info page](#))
 - The Chesapeake Bay Detachment also runs a site on Tilghman Island 16km across the bay and hosts the Navy Technology Center for Safety and Survivability, which conducts fire safety research. ([Chesapeake Bay Detachment info page](#))
- Chesapeake Bay Detachment economic impact:
 - The Chesapeake Bay Detachment directly funneled \$1.5 million in payroll, \$4.3 million in purchases, and \$675,890 in visitor spending into the local economy in FY 2012. ([Maryland Economic Impact of Military Bases report](#))
 - Additionally, it directly and indirectly supported 83 jobs in FY 2012, with combined wages of \$5.1 million and output of \$11.9 million. These figures are marginally lower than FY 2008, when the Chesapeake Bay Detachment supported 85 jobs with combined wages of \$4.3 million and \$14.1 million. ([Maryland Economic Impact of Military Bases report](#))