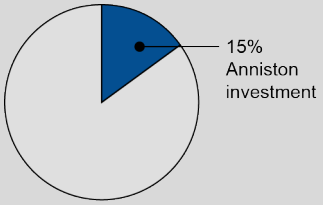
Anniston Army Depot Overview

Anniston, Alabama

Mission

Anniston specializes in tracked and wheeled vehicles, artillery, bridging equipment, small arms, and other items.

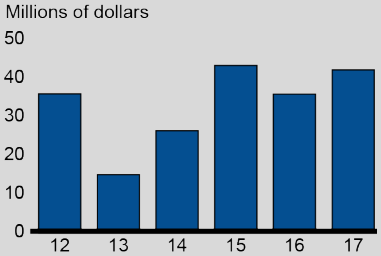
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $196 million – nearly 15% – went to Anniston.

Anniston Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Anniston Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Anniston has identified about $38 million in backlogged restoration and modernization projects.

Figure 16: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Anniston Army Depot

Systems

Paladin

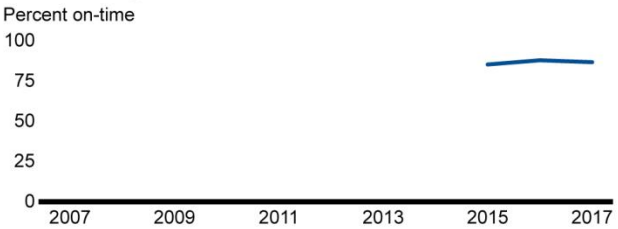
Abrams

Stryker

Small arms

Performance

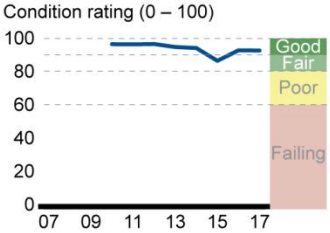
Schedule performance »



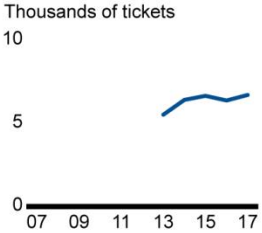
Overall, Anniston's schedule performance has held steady over the past 3 years.

Facilities

Average weighted facility condition »



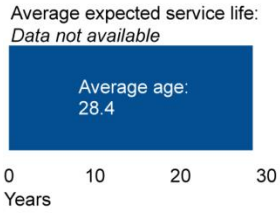
Facility repairs »



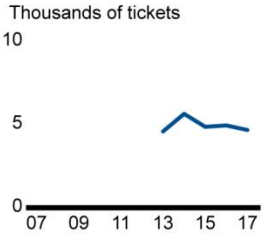
The state of facilities at Anniston is mixed. The average condition of its facilities is in the "good" category, though this average has been decreasing over the last 8 years. At the same time, however, the number of facilities repair tickets has increased.

Equipment

Average age »



Equipment repairs »



Anniston's overall equipment repair requests have remained essentially flat since fiscal year 2013. Meanwhile, the average age of equipment is older than many other Army depots, but no data was provided to determine the average expected service life.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

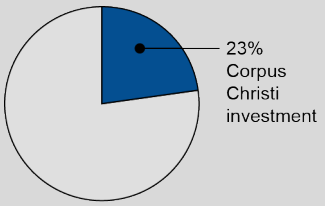
Corpus Christi Army Depot Overview

Corpus Christi, Texas

Mission

Corpus Christi specializes in helicopters (AH-64, AH-1, CH-47, OH-58, UH-60, and UH-1), engines, and associated systems and subsystems.

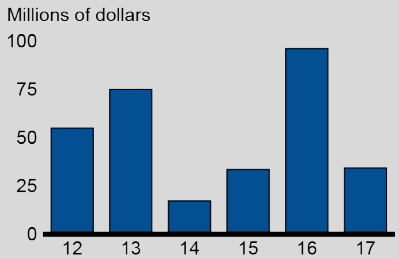
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $311 million – over 23% – went to Corpus Christi.

Corpus Christi Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Corpus Christi Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Corpus Christi has identified about $25 million in backlogged restoration and modernization projects.

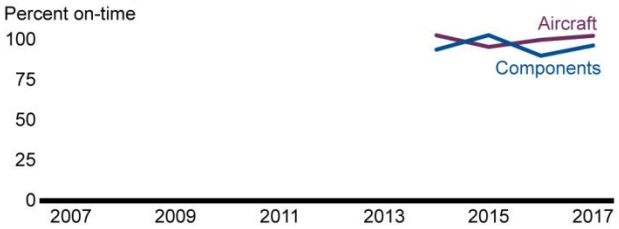
Figure 17: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Corpus Christi Army Depot

Systems

UH-60 CH-47 AH-64 OH-58

Performance

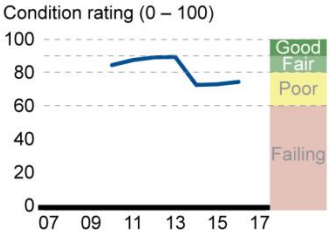
Schedule performance »



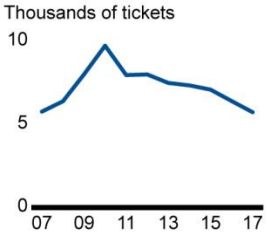
Overall, Corpus Christi's schedule performance has remained fairly steady over the last 4 years, remaining near, and in some cases exceeding, a 100% completion rate.

Facilities

Average weighted facility condition »



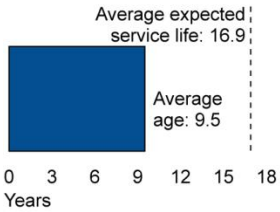
Facility repairs »



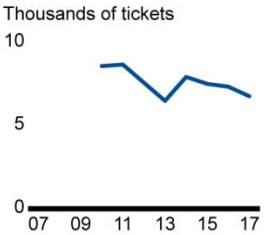
The status of the facilities at Corpus Christi is mixed. The overall condition of facilities has been decreasing, and currently falls in the "poor" category. Meanwhile, the number of facility repair tickets is experiencing a 10 year low.

Equipment

Average age »



Equipment repairs »



The state of equipment at Corpus Christi is positive. Corpus Christi's equipment appears to be in good shape. Its overall equipment repair requests have decreased, which can be an indicator of equipment exhibiting fewer problems. This is consistent with its average equipment age, which is still below its expected useful life.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

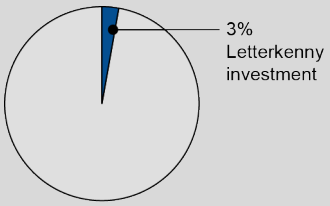
Letterkenny Army Depot Overview

Letterkenny, Pennsylvania

Mission

Letterkenny specializes in air defense and tactical missiles, mobile electric power, route clearance vehicles (RCV), and material handling equipment (MHE).

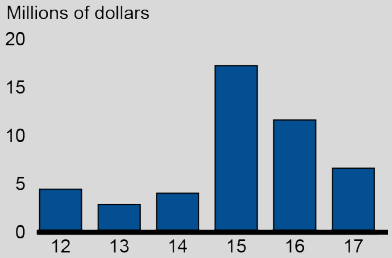
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $47 million – 3% – went to Letterkenny.

Letterkenny Depot Investment

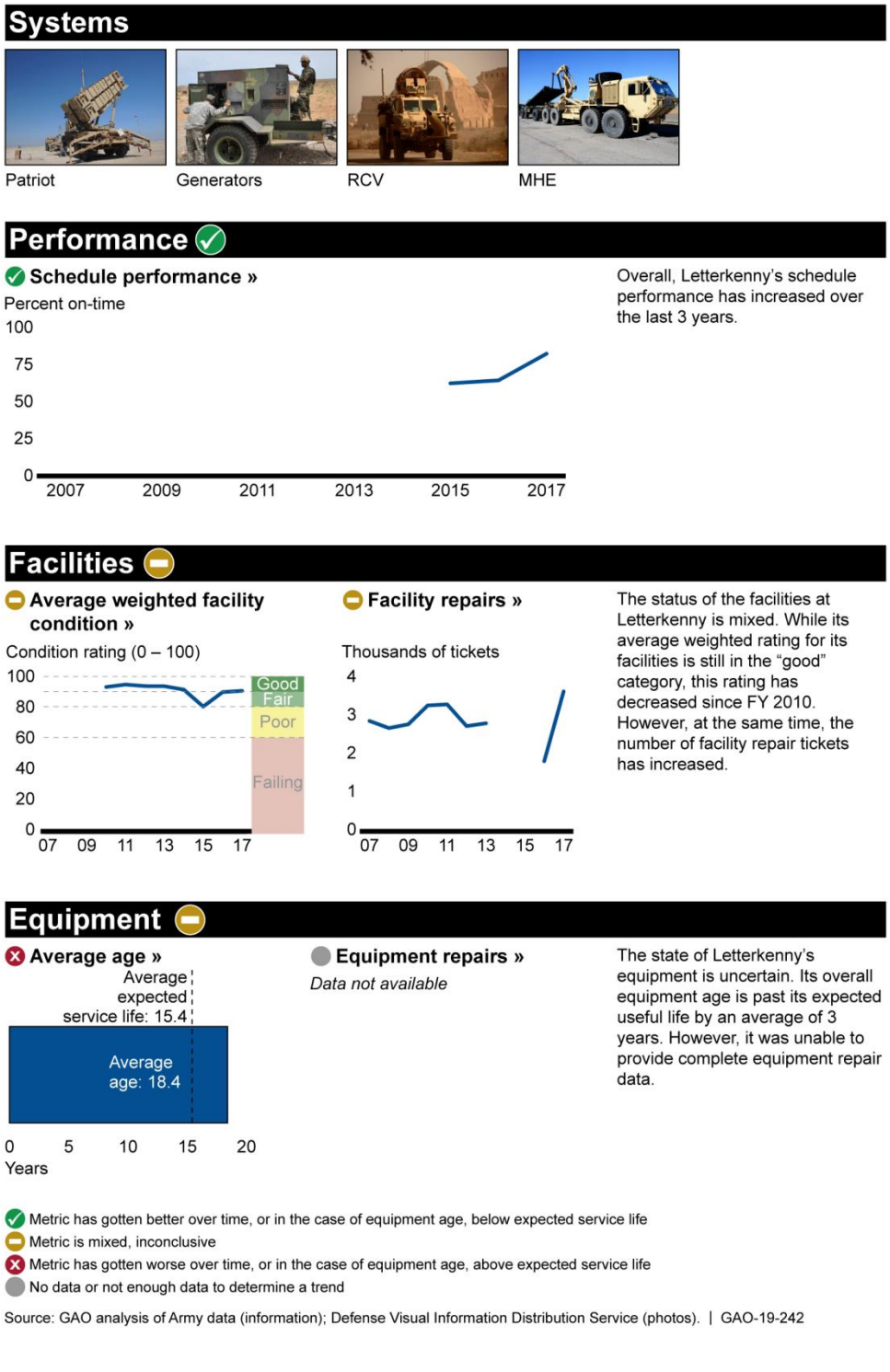


Source: GAO analysis of Army data. | GAO-19-242

Letterkenny Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Letterkenny has identified about $25 million in backlogged restoration and modernization projects.

Figure 18: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Letterkenny Army Depot



Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

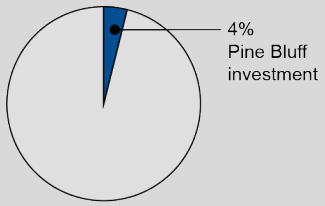
Pine Bluff Arsenal Overview

Pine Bluff, Arkansas

Mission

Pine Bluff specializes in specialized ammunition and smoke, chemical, biological, radiological, and nuclear (CBRN) defense capabilities through manufacturing, storage, and logistics.

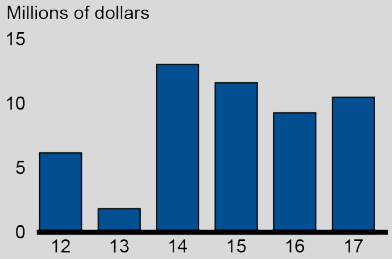
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $52 million – nearly 4% – went to Pine Bluff.

Pine Bluff Depot Investment



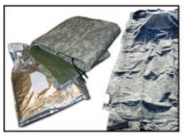
Source: GAO analysis of Army data. | GAO-19-242

Pine Bluff Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Pine Bluff has identified about $7 million in backlogged restoration and modernization projects.

Figure 19: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Pine Bluff Arsenal

Systems


Protective gear

Smoke grenades

Ammunition

Performance

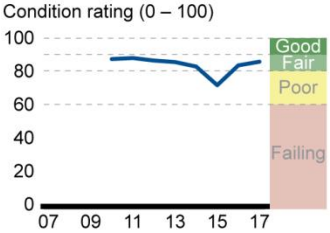
Schedule performance »

Data not available

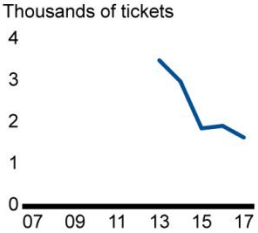
Pine Bluff provided 15 months' worth of performance data, enough to report performance for a single fiscal year. Therefore, no performance trend can be determined.

Facilities

Average weighted facility condition »



Facility repairs »



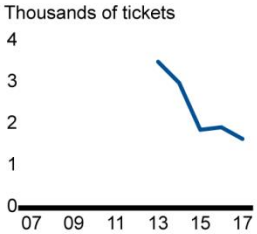
The state of the facilities at Pine Bluff is mixed. The average condition of the facilities is in the "fair" category, though this average has decreased slightly. However, Pine Bluff was unable to separate its facility and equipment repair tickets.

Equipment

Average age »

Data not available

Equipment repairs »



That state of Pine Bluff's equipment is unknown. Pine Bluff was unable to provide data on the age of its equipment, and it was also unable to separate its facility and equipment repair tickets. Therefore, we do not have enough data to know the status of their equipment.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

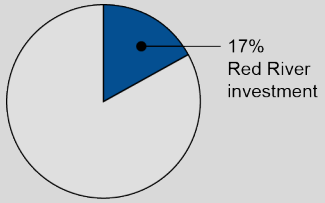
Red River Army Depot Overview

Texarkana, Texas

Mission

Red River specializes in tactical wheeled vehicles—including Mine Resistant Ambush Protected (MRAP) vehicles, High Mobility Multipurpose Wheeled Vehicles (HMMWV), Family of Medium Tactical Vehicles (FMTV), Bradley Fighting Vehicles, and the Multiple Launch Rocket System (MLRS).

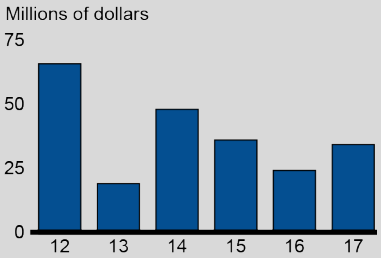
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $227 million – nearly 17% – went to Red River.

Red River Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Red River Facilities Restoration and Modernization Backlog

Red River did not provide any data on their backlog of restoration and modernization projects.

Figure 20: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Red River Army Depot

Systems

MRAP

HMMWV

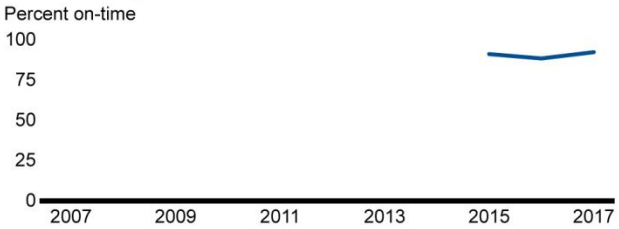
Bradley

FMTV

MLRS

Performance

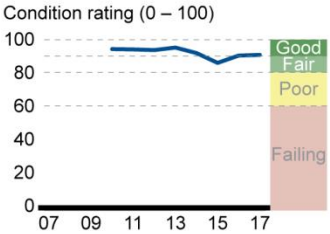
Schedule performance »



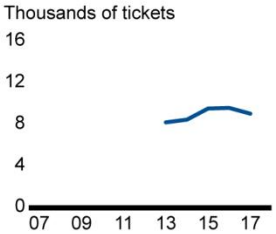
Overall, Red River's schedule performance has remained steady over the last 3 years.

Facilities

Average weighted facility condition »



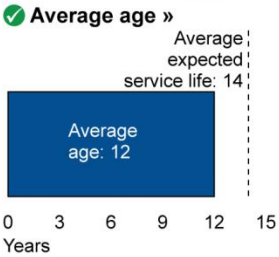
Facility repairs »



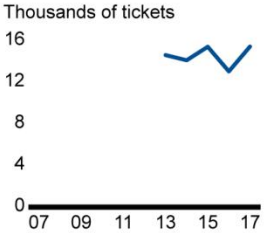
The state of the facilities at Red River is mixed. The overall condition of the facilities is in the "good" category, though it has decreased slightly over the last 8 years. However, at the same time, the number of facilities repair tickets has increased.

Equipment

Average age »



Equipment repairs »



The state of Red River's depot equipment is mixed. Its equipment is still below its expected useful life, one of only four depots for which this is the case. However, its equipment repair requests have increased slightly.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

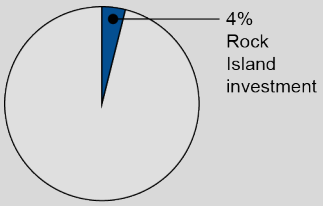
Rock Island Arsenal Overview

Rock Island, Illinois

Mission

Rock Island houses the Joint Manufacturing and Technology Center, which has been designated the Center of Industrial and Technical Excellence for mobile maintenance equipment such as the Forward Repair System. It is also the sole Army location for assembling recoil mechanisms (such as those on howitzers).

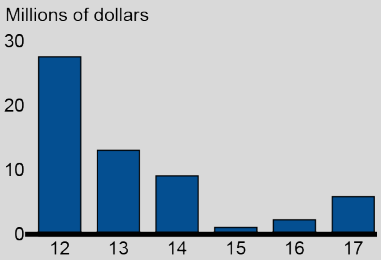
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $59 million – over 4% – went to Rock Island.

Rock Island Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Rock Island Facilities Restoration and Modernization Backlog

Rock Island did not provide any data on their backlog of restoration and modernization projects.

Figure 21: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Rock Island Arsenal

Systems

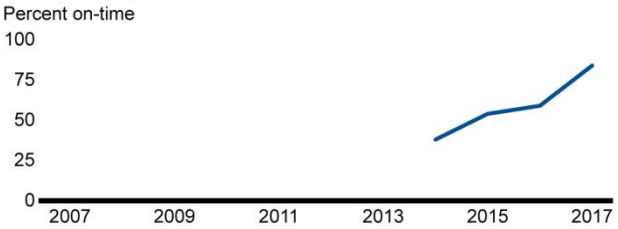
Forward Repair System

Howitzers

Ammunition

Performance

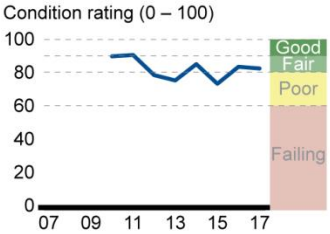
Schedule performance »



Overall, Rock Island's schedule performance has increased steadily over the last 4 fiscal years.

Facilities

Average weighted facility condition »



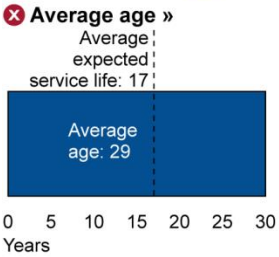
Facility repairs »

Data not available

The state of the facilities at Rock Island is uncertain. Its facility condition generally decreased over the last 8 years. However, no data on the number of facility repairs was available.

Equipment

Average age »



Equipment repairs »

Data not available

The state of Rock Island's equipment is unclear. Its average equipment age is well past its expected useful life, however, no data was available on the number of equipment repair requests submitted at the depot.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

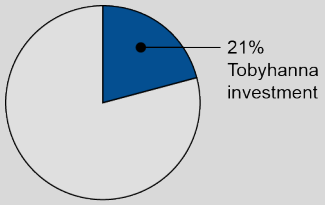
Tobyhanna Army Depot Overview

Tobyhanna, Pennsylvania

Mission

Tobyhanna specializes in command, control, communications, computers, intelligence, surveillance and reconnaissance systems, electronics, avionics, and missile guidance and control systems.

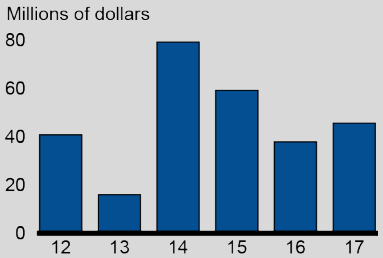
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $279 million – nearly 21% – went to Tobyhanna.

Tobyhanna Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Tobyhanna Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Tobyhanna has identified about $43 million in backlogged restoration and modernization projects.

Figure 22: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Tobyhanna Army Depot

Systems

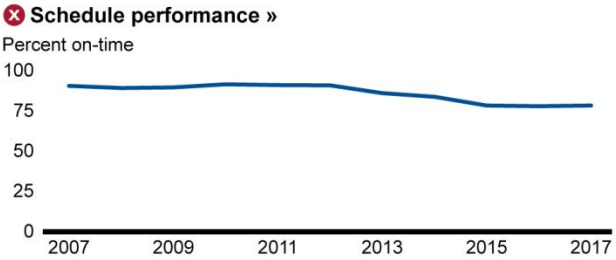
Missiles

Communications

Night vision

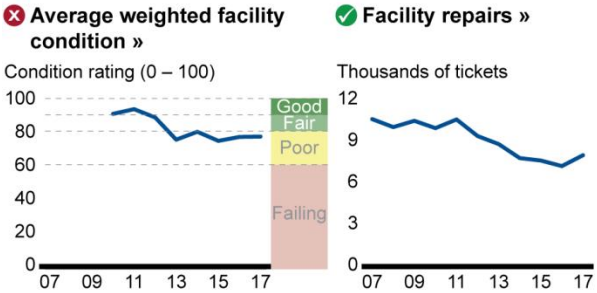
Radars

Performance



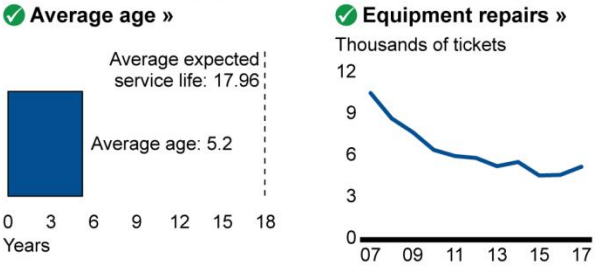
Overall, Tobyhanna's schedule performance has decreased over the last 8 years.

Facilities



The state of the facilities at Tobyhanna is mixed. The average facility condition rating has decreased since fiscal year 2010 and is currently in the "poor" category. However, the number of facility repair tickets has steadily decreased.

Equipment



The state of equipment at Tobyhanna is positive. Overall equipment repair requests have decreased since 2007 and the average age of equipment is below its expected service life.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

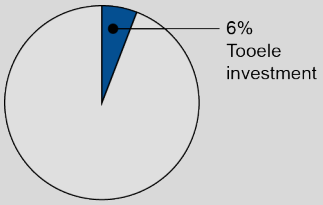
Tooele Army Depot Overview

Tooele, Utah

Mission

Tooele specializes in ammunition logistics (storage, shipping, sorting, and inspecting), as well as production of related equipment needed for ammunition maintenance and demilitarization.

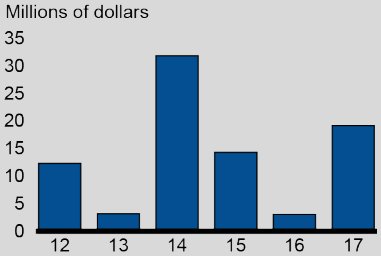
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, about $84 million – over 6% – went to Tooele.

Tooele Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Tooele Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Tooele has identified about $21 million in backlogged restoration and modernization projects.

Figure 23: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Tooele Army Depot

Systems

Ammunition

Performance

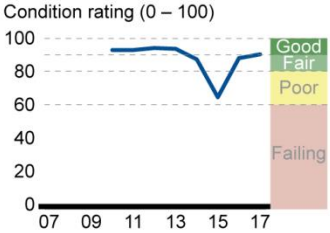
Schedule performance »

Data not available

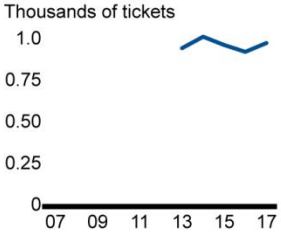
Tooele was only able to provide 15 months' worth of performance data, enough to cover a single fiscal year. Therefore, no trend can be determined.

Facilities

Average weighted facility condition »



Facility repairs »



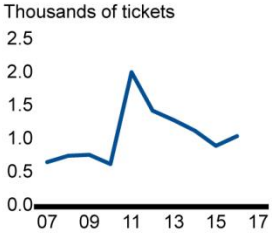
The status of the facilities at Tooele is inconclusive. The overall condition of the facilities has decreased slightly over the last 11 years. However, at the same time, the number of facilities repair tickets essentially held steady.

Equipment

Average age »

Data not available

Equipment repairs »



Tooele's does not have enough information to determine the condition of its equipment. However, equipment repair tickets have increased over the last 11 years.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

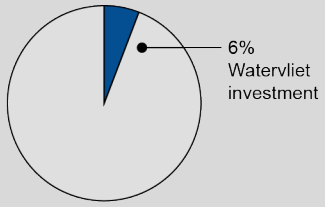
Watervliet Arsenal Overview

Watervliet, New York

Mission

Watervliet specializes in cannons, mortars, and associated components, as well as machining and fabrication services.

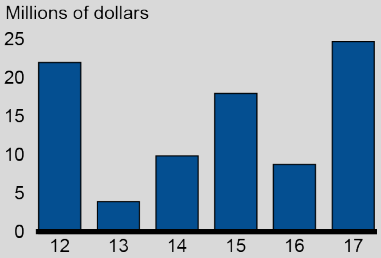
Army Depot Investment



Source: GAO analysis of Army data. | GAO-19-242

Of the $1.6 billion spent by the Army on depot investment between fiscal year 2012 and fiscal year 2017, $309 million was spent on projects that benefited multiple depots. Of the remaining $1.34 billion, $87 million – about 6% – went to Watervliet.

Watervliet Depot Investment

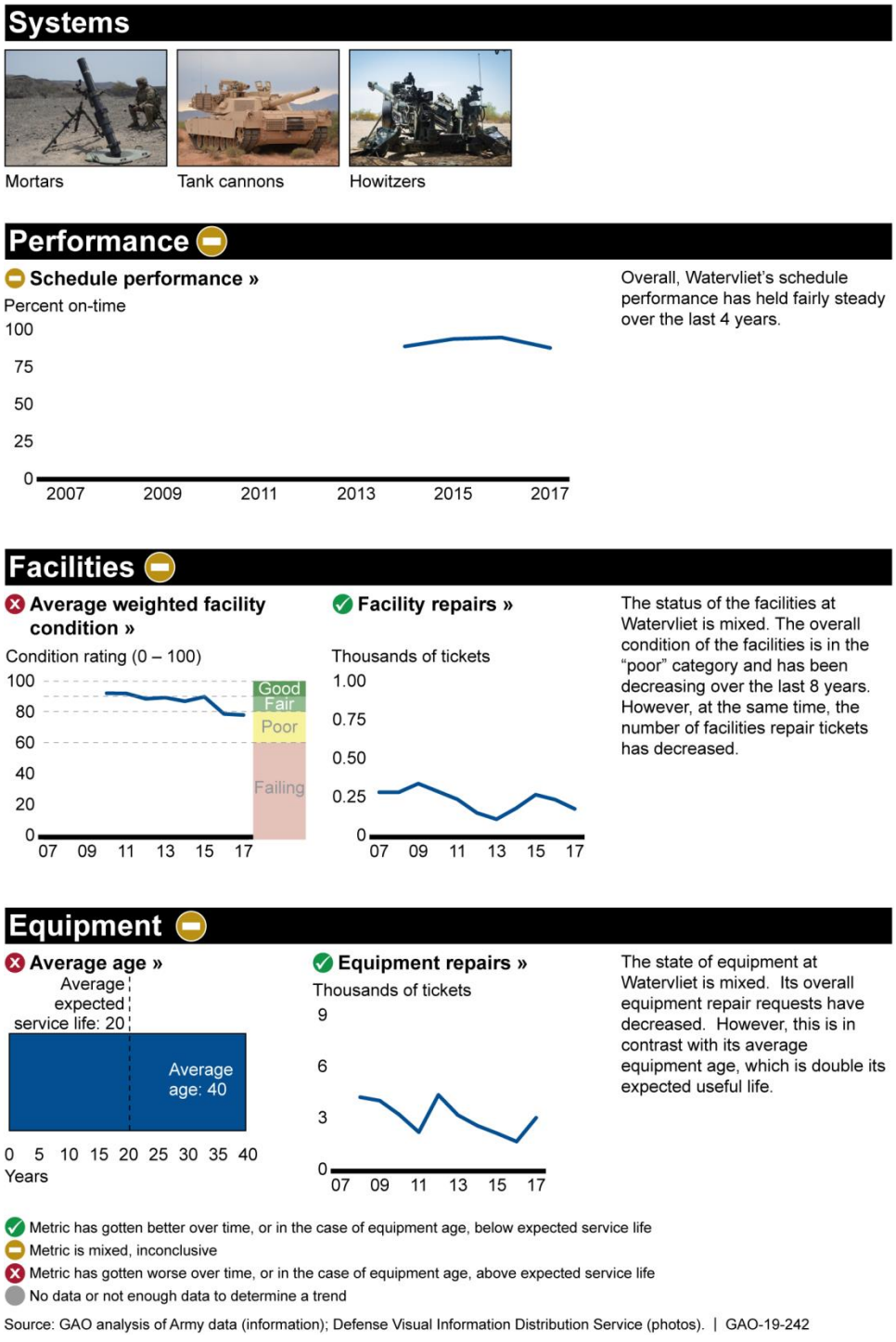


Source: GAO analysis of Army data. | GAO-19-242

Watervliet Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Watervliet has identified about $36 million in backlogged restoration and modernization projects.

Figure 24: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Watervliet Arsenal



Source: GAO analysis of Army data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

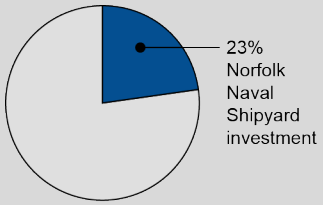
Norfolk Naval Shipyard Overview

Portsmouth, Virginia

Mission

Norfolk Naval Shipyard specializes in nuclear aircraft carriers (Nimitz class), submarines (Los Angeles-class and Ohio-class), and various surface combatants (CGs, LHDs, LPDs, LCCs, FFGs, and AS Tenders).

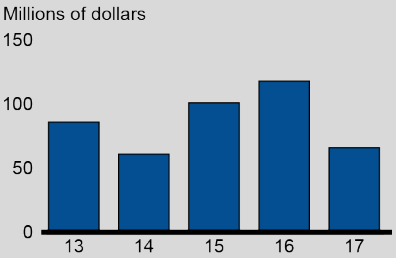
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $2.4 billion spent by the four shipyards on depot investment between fiscal year 2012 and 2017, $557 million—about 23%—was spent on Norfolk Naval Shipyard.

Norfolk Naval Shipyard Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Norfolk Naval Shipyard Facilities Restoration and Modernization Backlog

Norfolk Naval Shipyard identified about $1.46 billion in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts that have been identified but not yet executed.

Figure 25: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Norfolk Naval Shipyard

Systems

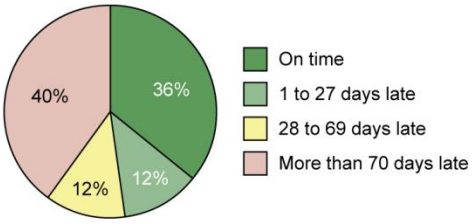
Aircraft carriers

Surface ships

Submarines

Performance

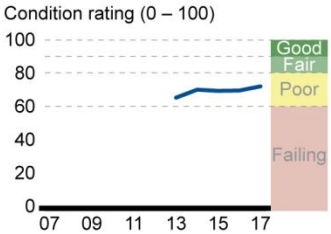
Schedule performance »



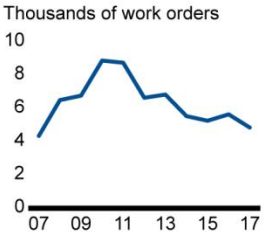
Generally, from fiscal year 2007 through fiscal year 2017, Norfolk Naval Shipyard completed more projects late than on-time. On-time completions represent 36% of all projects. Furthermore, 40% of all projects are completed more than 70 days late.

Facilities

Average weighted facility condition »



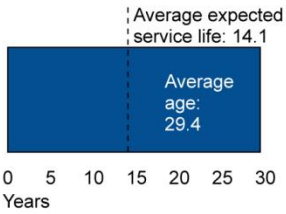
Facility repairs »



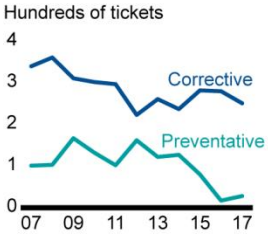
The status of the facilities at Norfolk Naval Shipyard is mixed. Though the average condition rating is in the "poor" category, it has been increasing over the last five years. In addition, the number of facility repair tickets has increased.

Equipment

Average age »



Equipment repairs »



The state of equipment at Norfolk is mixed. Its average age of equipment is well past its expected service life. However, its equipment repair tickets have decreased from fiscal year 2007 to 2017.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

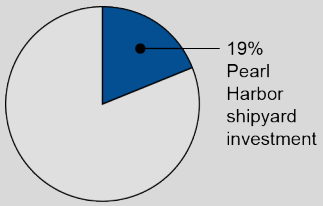
Pearl Harbor Naval Shipyard Overview

Honolulu, Hawaii

Mission

Pearl Harbor Naval Shipyard specializes in nuclear submarines (Los Angeles-class and Virginia-class) and surface combatants (CGs, DDGs, LPDs, FFGs, and AS Tenders).

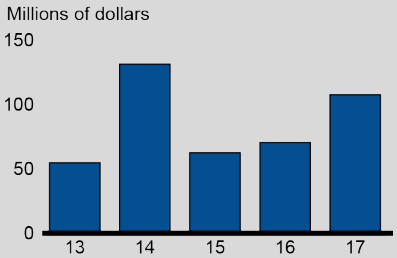
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $2.4 billion spent by the four shipyards on depot investment between fiscal year 2012 and 2017, $458 million—about 19%—was spent on Pearl Harbor Naval Shipyard.

Pearl Harbor Naval Shipyard Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Pearl Harbor Naval Shipyard Facilities Rrestoration and Modernization Backlog

Pearl Harbor Naval Shipyard identified about $1.69 billion in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts that have been identified but not yet executed.

Figure 26: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Pearl Harbor Naval Shipyard

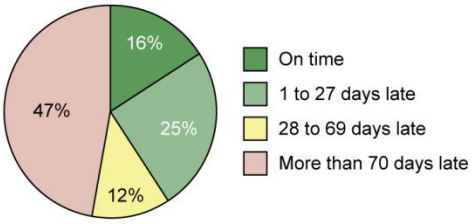
Systems

Surface ships

Submarines

Performance

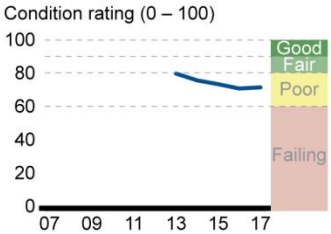
Schedule performance »



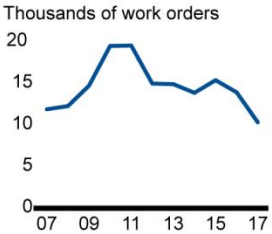
Generally, from fiscal year 2007 through fiscal year 2017, Pearl Harbor Naval Shipyard completed more projects late than on-time. On-time completions represent 16% of all projects. Furthermore, 47% of all projects are completed more than 70 days late.

Facilities

Average weighted facility condition »



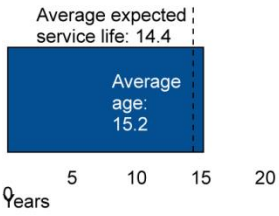
Facility repairs »



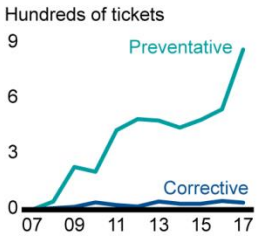
The status of the facilities at Pearl Harbor Naval Shipyard is mixed. The overall condition of the facilities has generally decreased and is currently in the "poor" category. However, the number of facility repair tickets has decreased since fiscal year 2007.

Equipment

Average age »



Equipment repairs »



The state of equipment at Pearl Harbor Naval Shipyard is poor. The average age of equipment is about 1 year more than the average service life of equipment. Additionally, both corrective and preventative maintenance repair tickets have increased.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

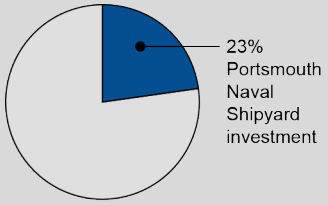
Portsmouth Naval Shipyard Overview

Kittery, Maine

Mission

Portsmouth Naval Shipyard specializes in nuclear submarines (Los Angeles-class and Virginia-class).

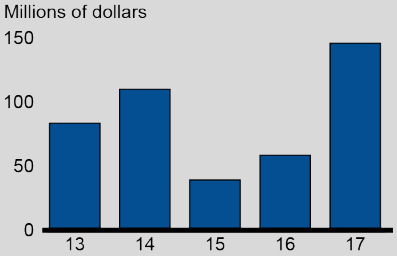
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $2.4 billion spent by the four shipyards on depot investment between fiscal year 2012 and 2017, about $568 million—about 23%—was spent on Portsmouth Naval Shipyard.

Portsmouth Naval Shipyard Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Portsmouth Naval Shipyard Facilities Restoration and Modernization Backlog

Portsmouth Naval Shipyard identified about $761 million in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts that have been identified but not yet executed.

Figure 27: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Portsmouth Naval Shipyard

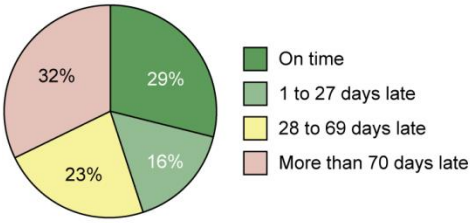
Systems

Los Angeles-class submarines

Virginia-class submarines

Performance

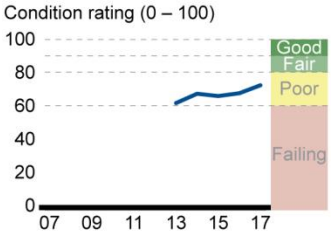
Schedule performance »



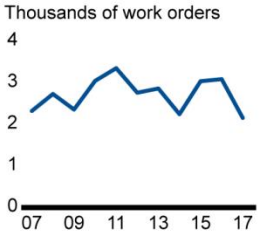
Generally, from fiscal year 2007 through fiscal year 2017, Portsmouth Naval Shipyard completed more projects late than on-time. On-time completions represent 29% of total projects, and projects completed more than 70 days late represent 32% of total projects.

Facilities

Average weighted facility condition »



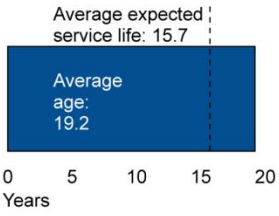
Facility repairs »



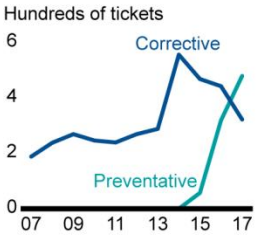
Generally, the condition of facilities in Portsmouth Naval Shipyard is improving. The status of the facilities at Portsmouth Naval Shipyard shows a gradual upwards trend in the reported data, but the condition remains below 80 for all reported fiscal years.

Equipment

Average age »



Equipment repairs »



The state of equipment at Portsmouth Naval Shipyard is poor. The average age of equipment is 3.5 years older than the average service life of equipment. Additionally, both corrective and preventative maintenance repair tickets have increased.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

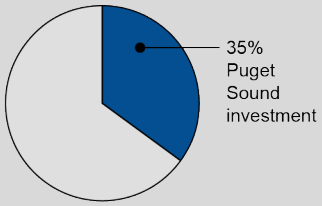
Puget Sound Naval Shipyard Overview

Bremerton, Washington

Mission

Puget Sound specializes in nuclear carriers (Nimitz class), submarines (Los Angeles-class, Seawolf-class, and Ohio-class), and surface combatants (DDG-51 class).

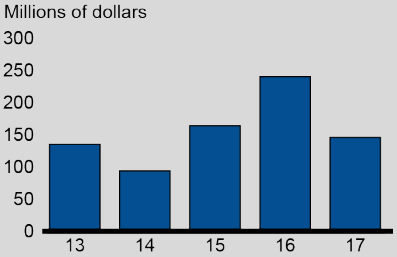
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $2.4 billion spent by the four shipyards on depot investment between fiscal year 2012 and 2017, $841 million—about 35%—was spent on Puget Sound Naval Shipyard.

Puget Sound Naval Shipyard Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Puget Sound Naval Shipyard Facilities Restoration and Modernization Backlog

Puget Sound Naval Shipyard has identified about $1.49 billion in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts that have been identified but not yet executed.

Figure 28: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Puget Sound Naval Shipyard

Systems

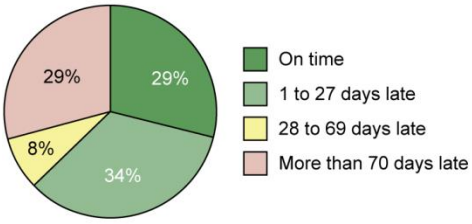
Aircraft carriers

Surface ships

Submarines

Performance

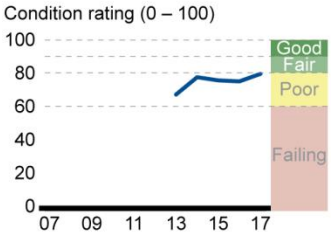
Schedule performance »



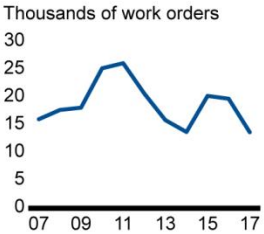
Generally, from fiscal year 2007 through fiscal year 2017, Puget Sound Naval Shipyard completed more projects late than on-time. On-time completions represent 29% of all projects. Furthermore, 29% of all projects are completed more than 70 days late.

Facilities

Average weighted facility condition »



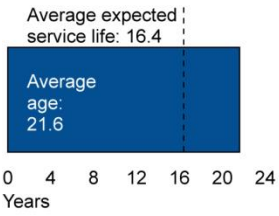
Facility repairs »



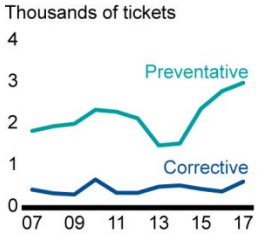
The status of the facilities at Puget Sound Naval Shipyard is positive. The overall condition of facilities shows a gradual trend upwards, and it currently falls in the "fair" category. Additionally, work orders for Puget Sound have decreased.

Equipment

Average age »



Equipment repairs »



The state of equipment at Puget Sound Naval Shipyard is poor. The average age of equipment is about 5 years older than the average service life of equipment. Meanwhile, corrective maintenance and preventative maintenance repair tickets have both increased.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

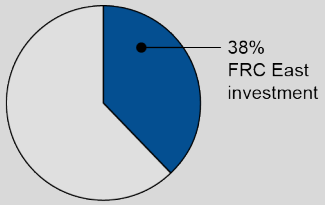
Fleet Readiness Center (FRC) East Depot Overview

Cherry Point, North Carolina

Mission

FRC East specializes in helicopters (AH-1, CH-53E, MH-53E, UH-1Y), airplanes (AV-8B and EA-6B), fighter aircraft (F/A-18 A, C, and D variants), the MV-22 Osprey, and various engines and components.

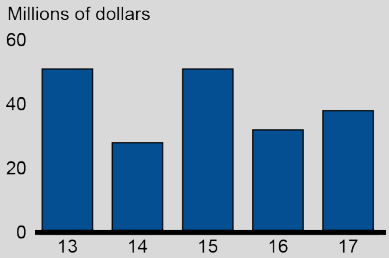
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $526 million spent by the three FRCs on depot investment between fiscal year 2013 and fiscal year 2017, $199 million, about 38%, was spent on projects that benefited FRC East.

FRC East Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

FRC East Facilities Restoration and Modernization Backlog

FRC East identified about $198 million in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts which have been identified but not yet executed.

Figure 29: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Fleet Readiness Center – East

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

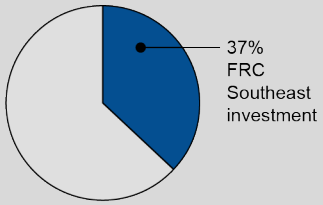
Fleet Readiness Center (FRC) Southeast Depot Overview

Jacksonville, Florida

Mission

FRC Southeast specializes in helicopters (MH-60R and S) Aircraft (C-2A and E-2 C and D, EA-6B, P-3), fighter aircraft (F-35, F/A-18 A-F variants), trainers (T-6, T-34, T-44), and various components.

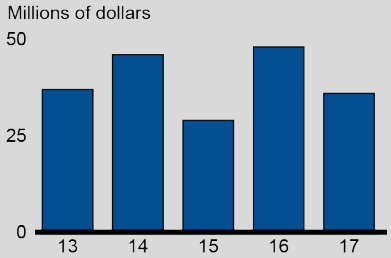
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $526 million spent by the three FRCs on depot investment between fiscal year 2013 and fiscal year 2017, $197 million, about 37%, was spent on projects that benefited FRC Southeast.

FRC Southeast Depot Investment

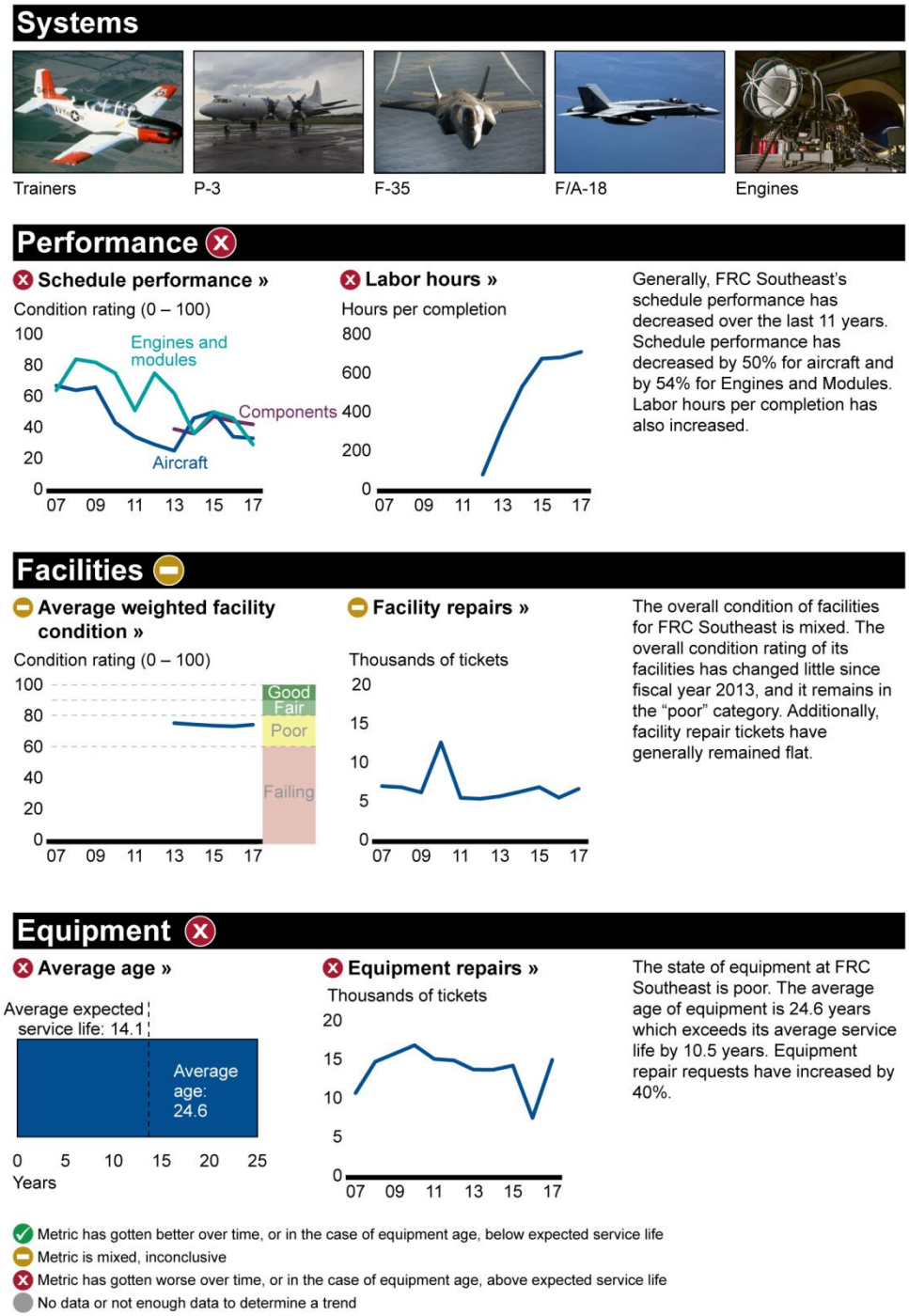


Source: GAO analysis of Navy data. | GAO-19-242

FRC Southeast Facilities Restoration and Modernization Backlog

FRC Southeast identified about $124 million in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts which have been identified but not yet executed.

Figure 30: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Fleet Readiness Center – Southeast



Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

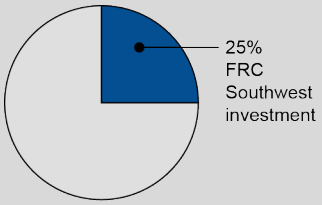
Fleet Readiness Center (FRC) Southwest Depot Overview

San Diego, California

Mission

FRC Southwest specializes in helicopters (AH-1, CH-53E, HH-60, MH-60, and UH-1Y), airplanes (C-2A, E-2C, E-2D, and EA-18G), fighter aircraft (F/A-18 A-F variants), the MV-22 Osprey, and various engines and components.

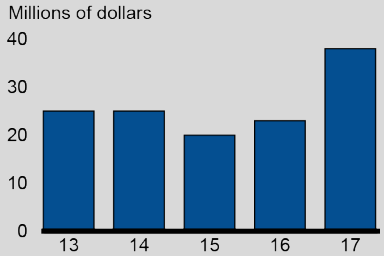
Navy Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

Of the $526 million spent by the three FRCs on depot investment between fiscal year 2013 and fiscal year 2017, $131 million, about 25%, was spent on projects that benefited FRC Southwest.

FRC Southwest Depot Investment



Source: GAO analysis of Navy data. | GAO-19-242

FRC Southwest Facilities Restoration and Modernization Backlog

FRC Southwest identified about $53 million in backlogged restoration and modernization (R&M) projects in fiscal year 2017. The Navy defines backlog as R&M efforts which have been identified but not yet executed.

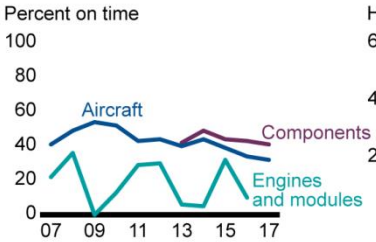
Figure 31: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Fleet Readiness Center – Southwest

Systems

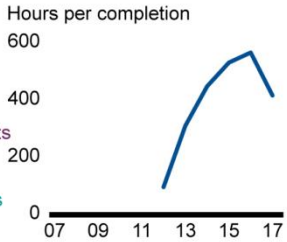
CH-53 | AH-1 | MH-60 | F/A-18 | EA-18

Performance

Schedule performance »



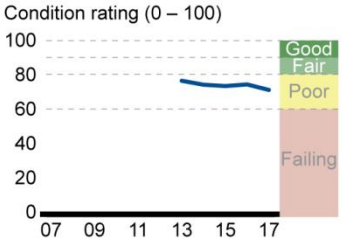
Labor hours »



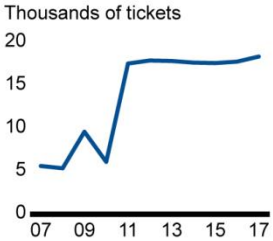
Generally, FRC Southwest's schedule performance has decreased over the last 11 years. Schedule performance for aircraft has decreased by 22% and by 4% for components. Labor hours per completion have also increased since fiscal year 2012.

Facilities

Average weighted facility condition »



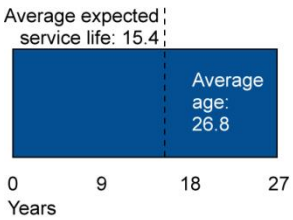
Facility repairs »



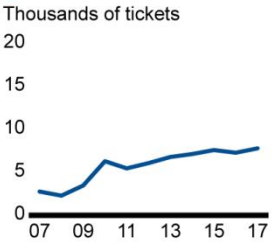
The state of the facilities at FRC Southwest declined in the fiscal years reported. The overall condition of the facilities has decreased from fiscal year 2013 to 2017, and is in the "poor" category. Additionally, facility repair ticket requests have increased.

Equipment

Average age »



Equipment repairs »



The state of equipment at FRC Southwest is poor. The average age of equipment is 26.8 years which exceeds its expected service life by 11.4 years. Meanwhile, its overall equipment repair requests have increased by 183%.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Navy data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

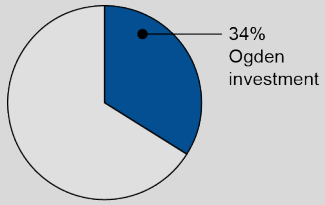
Ogden Air Logistics Complex (ALC) Overview

Ogden, Utah

Mission

Ogden specializes in depot level maintenance for fighter aircraft (F-35, F-22, F-16, A-10), cargo aircraft (C-130), testers (T-38), other weapons systems (Minuteman III ICBM), and software.

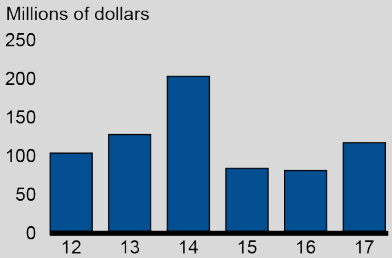
Air Force Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Of the $2.1 billion spent by the Air Force on depot investment between fiscal year 2012 and fiscal year 2017, $717.1 million, or 34%, went to the Ogden ALC.

Ogden ALC Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Ogden ALC Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Ogden ALC has identified about $259 million in backlogged restoration and modernization projects. Backlog is calculated as the difference between programmed requirements and funded requirements in the Complex's annual budgets.

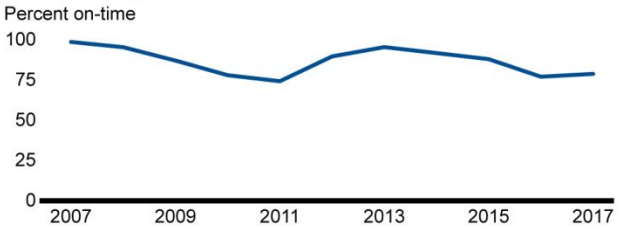
Figure 32: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Ogden Air Logistics Complex

Systems

F-16 | ICBM | A-10 | F-22 | F-35

Performance

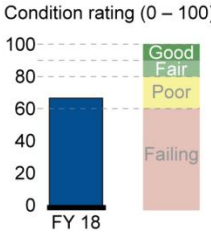
Schedule performance »



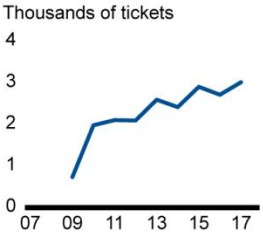
Schedule performance has generally decreased over the last 11 years at Ogden. On-time performance has decreased by about 20% from fiscal year 2007 through 2017.

Facilities

Average weighted facility condition »



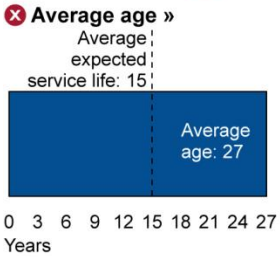
Facility repairs »



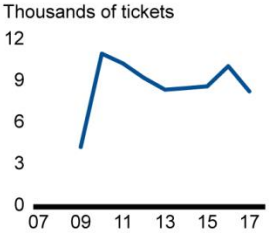
The overall condition of the facilities is inconclusive. The one year of facility condition data provided does not allow us to determine a trend, but shows Ogden's current average in the "poor" category. In addition, the quantity of facility repair tickets has increased significantly since fiscal year 2009.

Equipment

Average age »



Equipment repairs »



The state of equipment at Ogden is poor. On average, the age of its equipment exceeds its useful life by 12 years. In addition, equipment repair requests have increased since fiscal year 2009.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Air Force data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

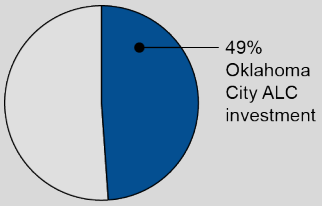
Oklahoma City Air Logistics Complex (ALC) Overview

Oklahoma City, Oklahoma

Mission

Oklahoma City specializes in depot level repair of bombers (B-1B, B-52), tankers (KC-135), E-3 Sentry, multiple engine systems, and software.

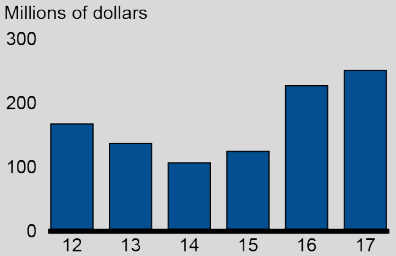
Air Force Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Of the $2.1 billion spent by the Air Force on depot investment between fiscal year 2012 and fiscal year 2017, $1.0 billion – nearly half – went to the Oklahoma City ALC.

Oklahoma City ALC Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Oklahoma City ALC Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Oklahoma City ALC has identified about $104 million in backlogged restoration and modernization projects. The backlog is calculated as the difference between total programmed requirements and funded requirements in the Complex's annual budgets.

Figure 33: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Oklahoma City Air Logistics Complex

Systems

B-1

B-52

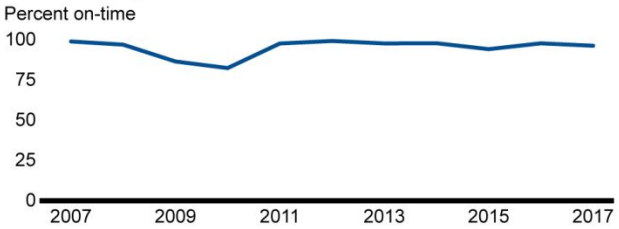
E-3

KC-135

Engines

Performance

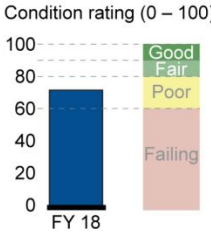
Schedule performance »



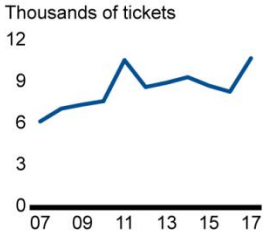
Schedule performance at Oklahoma City has generally remained stable over the last 11 years.

Facilities

Average weighted facility condition »



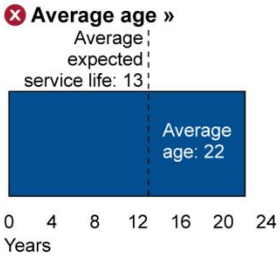
Facility repairs »



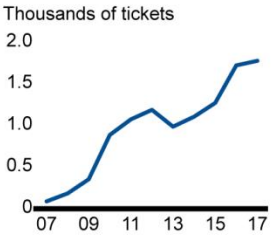
The overall condition of the facilities at Oklahoma City is inconclusive. The one year of facility condition data provided does not allow us to determine a trend, but shows Oklahoma City's current average in the "poor" category. In addition, the quantity of facility repair tickets has increased since fiscal year 2007.

Equipment

Average age »



Equipment repairs »



The state of equipment at Oklahoma City is poor. On average, the age of equipment exceeds its useful life by 9 years. In addition, equipment repair requests have increased steadily since fiscal year 2007.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Air Force data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

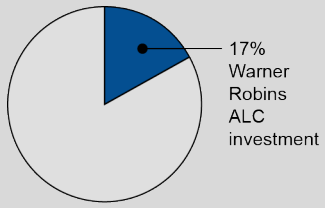
Warner Robins Air Logistics Complex (ALC) Overview

Warner Robins, Georgia

Mission

Warner Robins specializes in maintenance of cargo aircraft (C-130, C-5, C-17), fighter aircraft (F-15), aviation electronics, and software systems.

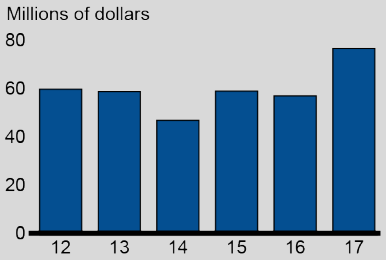
Air Force Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Of the $2.1 billion spent by the Air Force on depot investment between fiscal year 2012 and fiscal year 2017, $358 million – 17% – went to the Warner Robins ALC.

Warner Robins ALC Depot Investment



Source: GAO analysis of Air Force data. | GAO-19-242

Warner Robins ALC Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Warner Robins has identified about $190 million in backlogged restoration and modernization projects. The backlog is calculated as the difference between total programmed requirements and funded requirements in the Complex's annual budgets.

Figure 34: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Warner Robins Air Logistics Complex

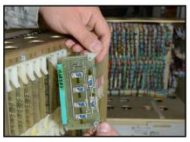
Systems

C-5

C-17

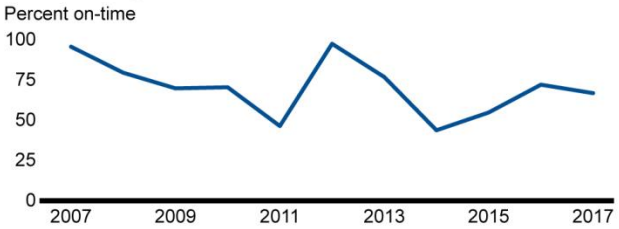
C-130

F-15


Aviation electronics

Performance

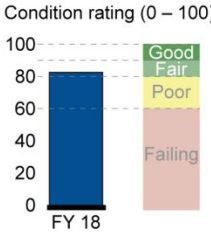
Schedule performance »



Schedule performance has generally decreased over the last 11 years. On-time performance has decreased by about 30% from fiscal year 2007-2017.

Facilities

Average weighted facility condition »



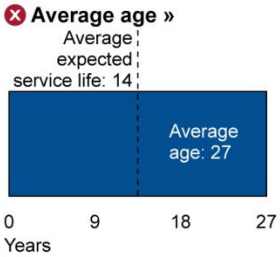
Facility repairs »

Data not available

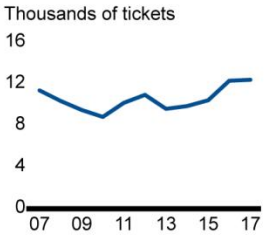
The overall condition of facilities at Warner Robins is inconclusive. The one year of facility condition data provided does not allow us to determine a trend, but shows Warner Robins' current average in the "fair" category. Meanwhile, no data on facility repair requests was available.

Equipment

Average age »



Equipment repairs »



The state of equipment at Warner Robins is poor. On average, the age of equipment exceeds its useful life by 13 years. In addition, equipment repair requests have increased since 2007.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Air Force data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

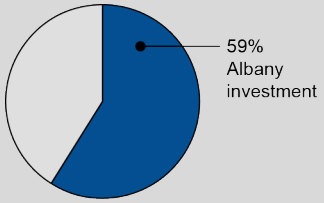
Albany Production Plant Depot Overview

Albany, Georgia

Mission

Albany specializes in Amphibious Assault Vehicles (AAV), Light Armored Vehicles (LAV), High Mobility Multipurpose Wheeled Vehicles (HMMWV), Mine Resistant Ambush Protected (MRAP) vehicles, Medium Tactical Vehicle Replacements, communications/electronics equipment, and small arms.

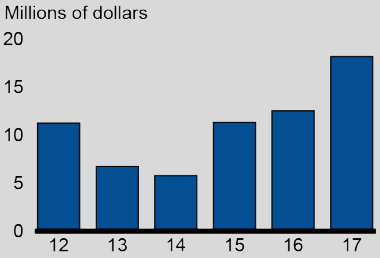
Marine Corps Depot Investment



Source: GAO analysis of Marine Corps data. | GAO-19-242

Of the approximately $111 million spent by the Marine Corps on depot investment between fiscal year 2012 and fiscal year 2017, $66 million, about 59%, was spent on projects that benefited Albany Production Plant.

Albany Depot Investment



Source: GAO analysis of Marine Corps data. | GAO-19-242

Albany Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Albany Production Plant has identified about $12 million in backlogged restoration and modernization projects.

Figure 35: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Albany Production Plant

Systems

AAV

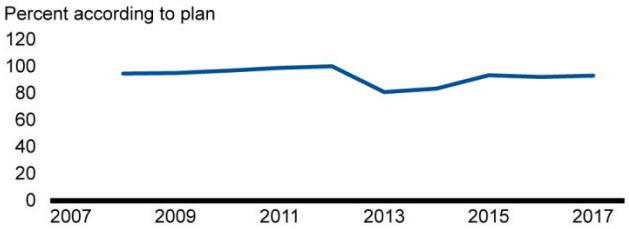
LAV

MRAP

HMMWV

Performance

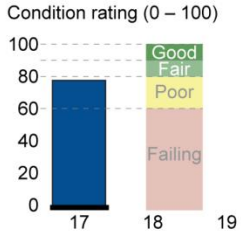
Production to plan »



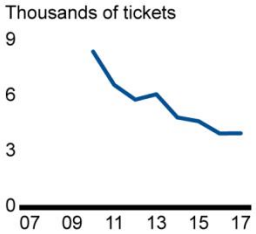
Generally, schedule performance for Albany has remained steady over the past 11 fiscal years.

Facilities

Average weighted facility condition »



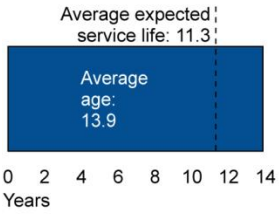
Facility repairs »



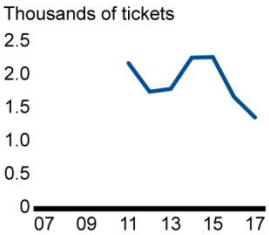
The overall condition of facilities at Albany is inconclusive. The one year of facility condition data provided does not allow us to determine a trend, but shows Albany's current average in the "poor" category. Meanwhile, facility repair requests have decreased since fiscal year 2010.

Equipment

Average age »



Equipment repairs »



The state of equipment at Albany Production Plant is mixed. Equipment is 2.6 years older than the service life of equipment. However, its overall equipment repair requests show a decreasing trend.

- Metric has gotten better over time, or in the case of equipment age, below expected service life
- Metric is mixed, inconclusive
- Metric has gotten worse over time, or in the case of equipment age, above expected service life
- No data or not enough data to determine a trend

Source: GAO analysis of Marine Corps data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242

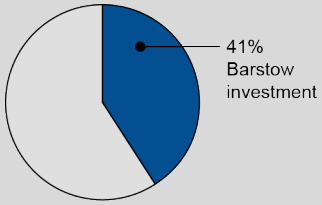
Barstow Production Plant Depot Overview

Barstow, California

Mission

Barstow specializes in Amphibious Assault Vehicles (AAV), Light Armored Vehicles (LAV), High Mobility Multipurpose Wheeled Vehicles, Mine Resistant Ambush Protected (MRAP) vehicles, Medium Tactical Vehicle Replacements (MTVR), howitzers, and communications/electronics equipment.

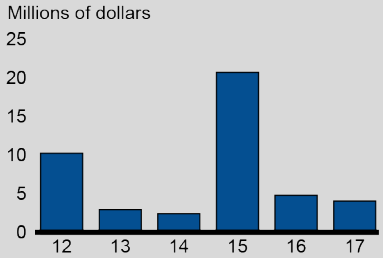
Marine Corps Depot Investment



Source: GAO analysis of Marine Corps data. | GAO-19-242

Of the approximately $111 million spent by the Marine Corps on depot investment between fiscal year 2012 and fiscal year 2017, $45 million, about 41%, was spent on projects that benefited Barstow Production Plant.

Barstow Depot Investment



Source: GAO analysis of Marine Corps data. | GAO-19-242

Barstow Facilities Restoration and Modernization Backlog

As of fiscal year 2017, Barstow Production Plant has identified about $2 million in backlogged restoration and modernization projects.

Figure 36: Systems Supported, Depot Performance, Facility Condition, and Equipment Condition at Barstow Production Plant

Source: GAO analysis of Marine Corps data (information); Defense Visual Information Distribution Service (photos). | GAO-19-242